



DAD[®]
DYNAMIC AUDIO DEVICE
PRODUCT CATALOGUE 2018/19

CONTENTS



MODULAR ARRAY SERIES 6



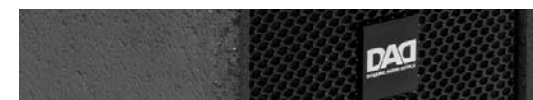
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MA SYSTEM series

MADE IN ITALY

MODULAR ARRAY SERIES

MA modules for line array systems features two modules having a different curvature, designed as a compact professional sound system combining quick installation and versatility in usage.

DAD line array systems are modular and scalable solutions designed for mobile and permanent applications of medium and large size, with the aim to combine sound pressure, controlled directivity and hi-fidelity in compact modules having high efficiency in relation to weight and dimensions.

MA modules for line array systems features two modules having a different curvature, designed as a compact professional sound system combining quick installation and versatility in usage. MA605 & MA615 modules, both available in active or passive version, are in fact designed according to a logic of modularity and scalability enabling excellent coverage, coherent sound emission and tonal balance even when using a limited number of modules.

The need of high levels of quality and reliability -both required in contexts of professional sound reinforcement due to extended and demanding working conditions- led to the selection of refined components as B&C transducers and Powersoft electronics (for active models).

MA615 wide dispersion pattern (HxV: 100°x30°) grants a coherent and balanced 30° vertical coverage on short distances with two modules only, while MA605 higher directivity (HxV: 80°x10°) allows a longer and deeper sound projection.

The proper combination of the two modules is functional to flexibility in the composition of "J-shaped" array sets to cover wide venues with coherent coverage, controlled directivity, sound pressure and brightness on high frequencies, exceeding typical limitations of constant-curvature PA systems.





MA615A

Wide-dispersion active module for line-array, 1500W D-class amplifier, 2-way, 137dB SP

- Low frequency: 2x10'' neodymium woofer/2.6''v.c.
- High frequency: 1.4'' neodymium driver/3''v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Coverage angle HxV: 100x30°
- Hi-definition system for reproduction of voice and music in live and recorded performance
- For sound installations in environments requiring dynamics and high sound pressure
- Birch plywood enclosure
- DSP with 4 presets (1-3/4-6 unit - full range/ high pass filter) for selection of optimal frequency response

MA615P

Wide-dispersion passive module for line-array, 2-way 500W AES, 137dB SPL

- Low frequency: 2x10'' neodymium woofer/2.6''v.c.
- High frequency: 1.4'' neodymium driver/3''v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Coverage angle HxV: 100x30°
- Hi-definition system for reproduction of voice and music in live and recorded performance
- For sound installations in environments requiring dynamics and high sound pressure
- Birch plywood enclosure

MA615



2x10'' Nd



1,4'' Nd



DIGITAL AMP*



DSP*



RIGGING



100°x30°



DEDICATED PRESET**

MA615A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 10'' neodymium woofer / 2.6'' v.c.
- High frequency: 1.4'' neodymium driver / 3'' v.c.

FEATURES

- Built-in amp LF/HF: 1500W
- SPL max: 137dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 131/137dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 100x30°
- Cross over frequency: 1100Hz

ELECTRONICS

- Amplifier: 1500 digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: 1-3/4-6 unit - full range/ high pass filter
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: fixed angle bracket, M8 eyebolt, 35 mm pole mount
- Angle: 15° trapezoidal taper
- Handles: 2 on side

PHYSICAL

- Dimensions(WxHxD): 656x364x497mm
- Weight: 30kg

MA615P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 10'' neodymium woofer / 2.6'' v.c.
- High frequency: 1.4'' neodymium driver / 3'' v.c.

FEATURES

- AES/program power: 500/1000W
- SPL max: 137dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 100dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 131/137dB @1m (free field)
- Frequency response: 70-18000Hz (±3dB)
- Coverage angle HxV: 100x30°
- Cross over frequency: 1100Hz

PROTECTION

- Protection: H.F. signal compression

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: fixed angle bracket, M8 eyebolt, 35 mm pole mount
- Angle: 15° trapezoidal taper
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 656x364x497mm
- Weight: 28kg

*active version only

**passive version only



MA605A

High-directivity active module for line-array, 1500W D-class amplifier, 2-way, 138dB SPL

- Low frequency: 2x10" neodymium woofer/2.6"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Coverage angle HxV: 80x10°
- Hi-definition system for reproduction of voice and music in live and recorded performance
- For sound installations in environments requiring dynamics and high sound pressure
- Birch plywood enclosure
- DSP with 4 presets (1-3/4-6 unit - full range/ high pass filter) for selection of optimal frequency response

MA605P

High-directivity passive module for line-array, 2-way 500W AES, 138dB SPL

- Low frequency: 2x" neodymium woofer/2.6"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Coverage angle HxV: 80x10°
- Hi-definition system for reproduction of voice and music in live and recorded performance
- For sound installations in environments requiring dynamics and high sound pressure
- Birch plywood enclosure

MA605



2x10" Nd



1,4" Nd



DIGITAL AMP*



DSP*



RIGGING



80°x10°



DEDICATED PRESET**

MA605A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 10" neodymium woofer / 2.6" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- Built-in amp LF/HF: 1500W
- SPL max: 138dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 132/138dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 80x10°
- Cross over frequency: 1100Hz

ELECTRONICS

- Amplifier: 1500 digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: 1-3/4-6 unit - full range/ high pass filter
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: fixed angle bracket, M8 eyebolt, 35 mm pole mount
- Angle: 5° trapezoidal taper
- Handles: 2 on side

PHYSICAL

- Dimensions(WxHxD): 656x332x497mm
- Weight: 30kg

MA605P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 10" neodymium woofer / 2.6" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- AES/program power: 500/1000W
- SPL max: 138dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 101dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 132/138dB @1m (free field)
- Frequency response: 70-18000Hz (±3dB)
- Coverage angle HxV: 80x10°
- Cross over frequency: 1100Hz
- Protection: H.F. signal compression

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: fixed angle bracket, M8 eyebolt, 35 mm pole mount
- Angle: 5° trapezoidal taper
- Handles: 2 on side

PHYSICAL

- Dimensions(WxHxD): 656x332x497mm
- Weight: 28kg

*active version only

**passive version only



MA18SA

Aerodynamic bass-reflex active subwoofer, 3000W D-class amplifier, 134dB SPL

- Low frequency: 18'' woofer/4.5''v.c.
- Frequency response: 30-150 Hz (±3dB)
- High pressure on low frequencies in large indoor/outdoor venues
- Birch plywood enclosure
- DSP with 4 presets (120/90Hz - normal/reverse phase) for selection of optimal frequency response

MA18SP

Aerodynamic bass-reflex passive subwoofer, 1700W AES, 134dB SPL

- Low frequency: 18'' woofer/4.5''v.c.
- Frequency response: 30-150 Hz (±3dB)
- High pressure on low frequencies in large indoor/outdoor venues
- Birch plywood enclosure

MA18S



18''Nd



DIGITAL AMP*



DSP*



OMNI



RIGGING



DEDICATED PRESET**

MA18SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer

COMPONENTS

- Low frequency: 18'' woofer/4.5''v.c.

FEATURES

- Built-in amp: 3000W
- SPL max: 134dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 128/134dB @1m (free field)
- Frequency response: 30-150Hz (±3dB)
- Coverage angle HxV: omnidirectional

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: 120/90Hz - normal/reverse phase
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Handles: 4 on side
- Hardware: 35 mm mounting pole

PHYSICAL

- Dimensions(WxHxD): 615x685x636mm
- Weight: 53kg

MA18SP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer

COMPONENTS

- Low frequency: 18'' woofer/4.5''v.c.

FEATURES

- AES/program power: 1700/3400W
- SPL max: 134dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 97dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 128/134dB @1m (free field)
- Frequency response: 35-150Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Suggest LPF range: 80-150Hz
- Recommended amplifier up to: 3400W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Handles: 4 on side
- Hardware: 35 mm mounting pole

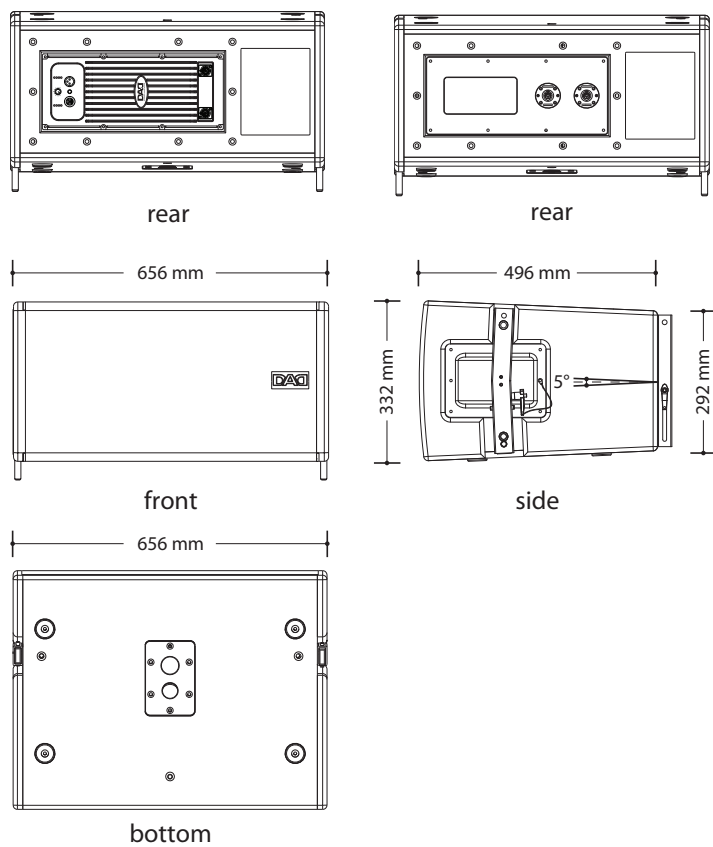
PHYSICAL

- Dimensions(WxHxD): 615x6850x636mm
- Weight: 51kg

*active version only

**passive version only

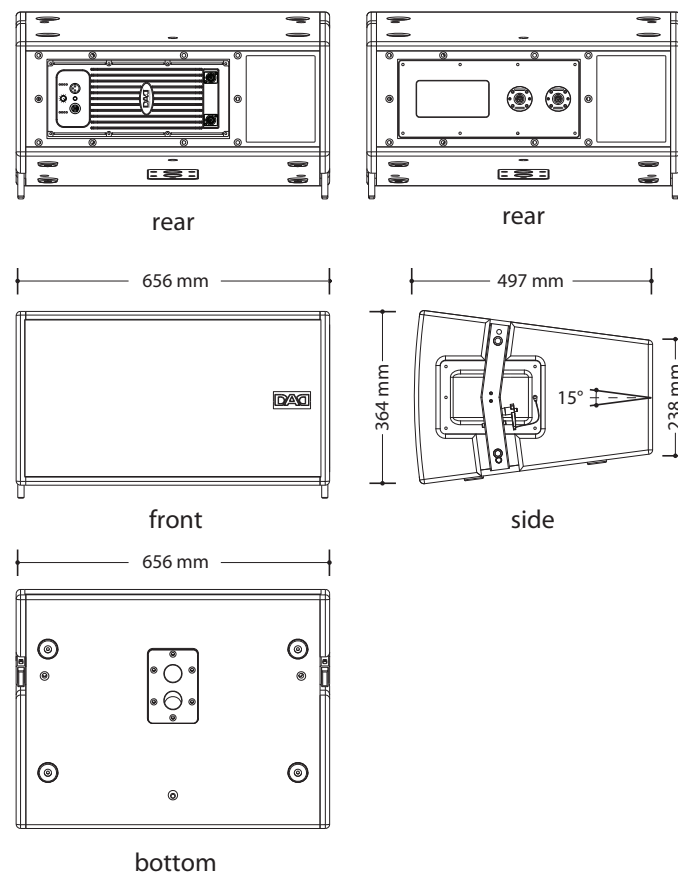
MA605A / MA605P- Technical Drawings



Optional accessories

MA6FC: Flight case for MA6 line array modules, 4 wheels (2 breaking)
MA4SK: Plywood skate for 2 pcs MA615/MA605, breaking swivel wheels
MA6BAR: Compact flying-bar for MA605/MA615 line array system

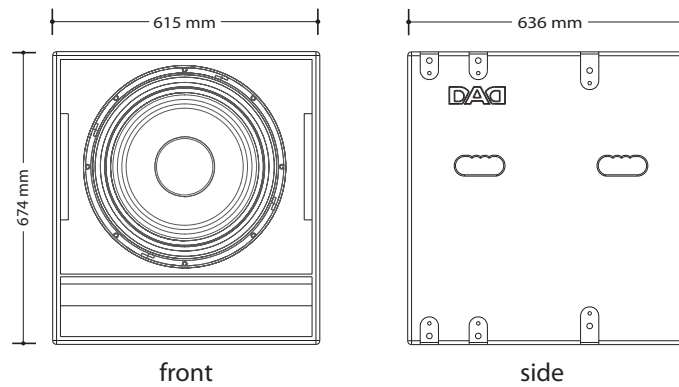
MA615A / MA615P - Technical Drawings



Optional accessories

MA6FC: Flight case for MA6 line array modules, 4 wheels (2 breaking)
MA4SK: Plywood skate for 2 pcs MA615/MA605, breaking swivel wheels
MA6BAR: Compact flying-bar for MA605/MA615 line array system

MA18SA / MA18SP - Technical Drawings



Optional accessories

MA18SSK: Plywood skate for DAD's MA18SA/MA18SP.

ACRT4234EU: 100mm prof. swivel caster with brake, 350 kg load limit for a set of 4 wheels

ACRT4230EU: 100mm professional swivel caster, 350 kg load limit for a set of 4 wheels

TOURING SYSTEM series

MADE IN ITALY

**TOURING
SERIES**

DAD TOURING SYSTEM is a hi-efficiency point-source system designed to deliver max sound pressure and definition in professional audio application over medium and long distances.

According to this logic development of TOURING SYSTEM moved towards employment of mechanical and building solutions allowing to maximize frequency extension and electroacoustic efficiency.

TOURING218H subwoofer employs horn-bandpass loading technique for woofers, combining advantages of horns (efficiency and directivity control) with those of band-pass systems (extension of frequency response to the low spectrum of frequencies).

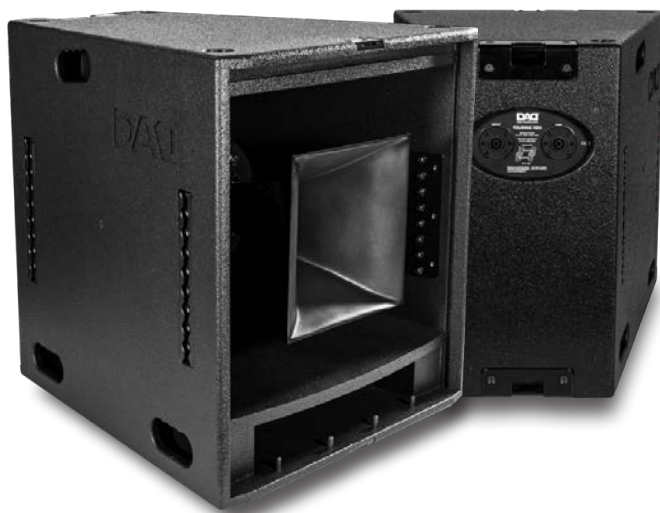
Very long excursion of Neodymium woofers and cooling system of mobile coil, supported by overall efficiency, help to minimize "power compression" under same conditions of input signal in demanding working environments.

TOURING112H is a wave-guide speaker with coaxial emission having highly controlled directivity. Coincidence of mid and hi frequency sources avoids phase cancellation at cross frequency point, allowing the system to keep phase coherence and intelligibility over long distances.

Peculiarities of TOURING SYSTEM grant a correct tonal balance also in basic configurations composed of a mid-high and a subwoofer, either in ground-stacking or suspended setups.

Built-in hanging hardware is designed to assemble TOURING112H in modular vertical/horizontal clusters to meet any requirement in terms of sound coverage.





TOURING112H

High-efficiency passive loudspeakers, horn loaded configuration, bi-amplifiable, 2 way 500W AES, 138dB SPL

- Low frequency: 12" neodymium woofer/3"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 80-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- For sound installations in indoor/outdoor environments requiring dynamics and high sound pressure over long distances
- Birch plywood enclosure

TOURING112HP

High-efficiency passive loudspeaker, horn-loaded configuration, 2-way 500W AES, 138dB SPL

- Low frequency: 12" neodymium woofer/3"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 80-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- For sound installations in indoor/outdoor environments requiring dynamics and high sound pressure over long distances
- Birch plywood enclosure

TOURING112H



12" Nd



1,4" Nd



75°x40°



RIGGING



DEDICATED PRESET

TOURING112H TECHNICAL DATA

LOUDSPEAKERS

- System type: coaxial horn load bi-amp
- Low frequency: 12" neodymium woofer / 3" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

COMPONENTS

- AES/program power: 510/1020W
- SPL max: 138dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 105dB
- Impedance: 8/16 Ohm
- SPL cont/peak: 132/138dB @1m (free field)
- Frequency response: 80-18000Hz (±3dB)
- Coverage angle HxV: 75x40°
- Protection: H.F. signal compression
- Suggest HPF range: Active: LF 100/150Hz - HF 1000HzHz
- Recommended amplifier up to: LF/HF:1000/250W 8/16Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 26° trapezoidal taper
- Handles: 6 on side

PHYSICAL

- Dimensions (WxHxD): 560x590x600mm
- Weight: 35kg

TOURING112HP TECHNICAL DATA

LOUDSPEAKERS

- System type: coaxial horn loaded
- Low frequency: 12" neodymium woofer / 3" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

COMPONENTS

- AES/program power: 510/1020W
- SPL max: 138dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 105dB
- Impedance: 8 Ohm
- SPL cont/peak: 132/138dB @1m (free field)
- Frequency response: 80-18000Hz (±3dB)
- Coverage angle HxV: 75x40°
- Cross over frequency: 1000Hz
- Protection: H.F. signal compression
- Suggest HPF range: 100/150Hz
- Recommended amplifier up to: 1000W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 26° trapezoidal taper
- Handles: 6 on side

PHYSICAL

- Dimensions (WxHxD): 560x590x600mm
- Weight: 35kg



TOURING218H

- High-efficiency passive subwoofer, horn-bandpass configuration, 3400W AES, 143dB SPL
-
- Low frequency: 2X18" woofer/4.5"v.c.
- AES/program power: 3400/6800W
- Frequency response: 40-250 Hz (± 3 dB)
- High-efficiency subwoofer delivering extended frequency response, combining advantages of horns (efficiency and directivity control) to those of band-pass systems (extension of frequency response to the low spectrum of frequencies)
- Sound reinforcement of live events in large indoor/outdoor venues, where definition and high-pressure levels on low frequencies are required
- Birch plywood enclosure

TOURING218H



2x18" Nd



QUASI OMNI



DEDICATED PRESET

TOURING218H TECHNICAL DATA

LOUDSPEAKERS

- System type: bandpass - horn

COMPONENTS

- Low frequency: 2X18" woofer/4.5"v.c.

FEATURES

- AES/program power: 3400/6800W
 - SPL max: 143dB @1m (free field)
- #### ACOUSTICAL SPECIFICATIONS
- Sensitivity: 104dB @1W/1m (free field)
 - Impedance: 4 Ohm
 - SPL cont/peak: 137/143dB @1m (free field)
 - Frequency response: 40-250Hz (± 3 dB)
 - Coverage angle HxV: omnidirectional
 - Suggest LPF range: 80-150Hz
 - Recommended amplifier up to: 6800W /4Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

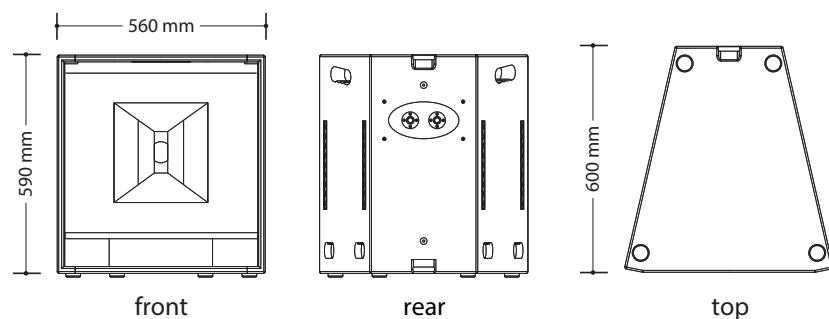
CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Handles: 10 on side

PHYSICAL

- Dimensions (WxHxD): 1165x570x860mm
- Weight: 93kg

TOURING112H / TOURING112HP - Technical Drawings



Optional accessories

TOURING12SK: Plywood skate for TOURING12H/TOURING12HP

FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L

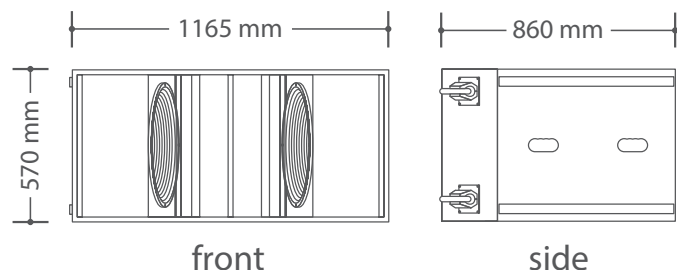
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L

FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L

RHBR2080: Tensioning belt ratchet, 35mm, L.8m, 2000 kg capacity

BAGTOURING12H: Fabric protection for DAD TOURING12H/TOURING12HP, TOURING112H/TOURING12HP

TOURING218H - Technical Drawings



Optional accessories

BAGTOURING218H: Fabric protection for DAD TOURING218H

ACRT4230EU: 100mm professional swivel caster, 350 kg load limit for a set of 4 wheels

ACRT4234EU: 100mm prof. swivel caster with brake, 350 kg load limit for a set of 4 wheels

TOURING POWER series

MADE IN ITALY

TOURING POWER

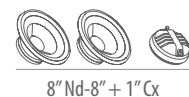
DAD TOURING POWER series is a complete range of audio systems, available in both active and passive version, designed to offer levels of sound definition, pressure and fidelity excelling in typical applications of professional audio. According to this logic development of TOURING POWER series moved towards employment of Powersoft D-class amplifying technologies, DSP control and B&C Speakers components. Advantages of these choices and high ratio between SPL, weight and dimensions allow improved speed of installing procedures and reduced loading volumes.

TOURING POWER series is composed of a large number of loudspeakers, allowing several possibilities of setup. Versatility is improved by reduced weight, simple hanging hardware, careful design features like double angle of enclosures and horns rotation. For sound reinforcement of large outdoor venues or hi-quality indoor installations, Touring Power systems offer:

- D-class amplifiers with switching mode power supply
- high efficiency in ratio between SPL and power consumption
- selected Neodymium components
- compact dimensions and limited weighing in relation to SPL output
- enclosures made in multilayer birch plywood, having thickness up to 24mm
- built-in hardware for simplified suspended installation



TOURING208



8" Nd-8" + 1" Cx



DIGITAL AMP*



DSP*



100°x100°



RIGGING



DEDICATED PRESET**

TOURING208A

- Active loudspeaker, D-class amplifier, 3-way 700W, 126dB SPL
- Low frequency: 8" neodymium woofer/2" v.c.
- Mid frequency: 8" midrange / 2" v.c.
- High frequency: 1" coaxial driver/1.7" v.c.
- Frequency response: 55-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application
- DSP with 4 presets (full range-HPF-coupling-monitor) for selection of optimal frequency response

TOURING208P

- 3-way passive loudspeakers, 400W AES, 126db SPL
- Low frequency: 8" neodymium woofer/2" v.c.
- Mid frequency: 8" midrange / 2" v.c.
- High frequency: 1" coaxial driver/1.7" v.c.
- Frequency response: 70-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application

TOURING208A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 3 way

COMPONENTS

- Low frequency: 8" neodymium woofer / 2" v.c.
- Mid frequency: 8" midrange / 2" v.c.
- High frequency: 1" coaxial driver/1.7" v.c.

FEATURES

- Built-in amp: 700W
- SPL max: 126dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 120/126dB @1m (free field)
- Frequency response: 55-18000Hz (±3dB)
- Coverage angle HxV: 100x100°
- Cross over frequency: 200-2000Hz

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: full range-HPF-coupling-monitor
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 45-25° monitor applications
- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 244x490x270mm
- Weight: 18kg

TOURING208P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 3 way

COMPONENTS

- Low frequency: 8" neodymium woofer / 2" v.c.
- Mid frequency: 8" midrange / 2" v.c.
- High frequency: 1" coaxial driver/1.7" v.c.

FEATURES

- AES/program power: 400/800W
- SPL max: 126dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 97dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 120/126dB @1m (free field)
- Frequency response: 70-18000Hz (±3dB)

- Coverage angle HxV: 100x100°
- Cross over frequency: 200-2000Hz
- Protection: H.F. signal compression
- Suggest HPF range: 80/120Hz
- Recommended amplifier up to: 800W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 45-25° double angle
- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 244x490x270mm
- Weight: 17kg

*active version only

**passive version only



TOURING10A

Active loudspeaker, D-class amplifier, 2-way 700W, 126dB SPL

- Low frequency: 10" woofer/2.5"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 55-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application
- DSP with 4 presets (full range-HPF-coupling-monitor) for selection of optimal frequency response

TOURING10P

2-way passive loudspeakers, 250W AES, 128db SPL

- Low frequency: 10" woofer/2.5"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application

TOURING10



TOURING10A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 10" woofer/2.5"v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- Built-in amp: 700W
- SPL max: 126dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 120/126dB @1m (free field)
- Frequency response: 55-18000Hz (±3dB)
- Coverage angle HxV: 80x50°
- Cross over frequency: 1400Hz

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: full range-HPF-coupling-monitor
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 45-25° monitor applications
- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 340x570x335mm
- Weight: 22.4kg

TOURING10P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 10" woofer/2.5"v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- AES/program power: 250/500W
- SPL max: 128dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 122/128dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 80x50°
- Cross over frequency: 1400Hz
- Protection: H.F. signal compression
- Suggest HPF range: 80/120Hz
- Recommended amplifier up to: 500W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 25-45° monitor applications
- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 340x570x335mm
- Weight: 21.4kg

**active version only*

***passive version only*



TOURING12A

Active loudspeaker, D-class bi-amp, 2-way 1000W+400W, 129dB SPL

- Low frequency: 12" neodymium woofer/3"v.c.
- High frequency: 1.4" driver/3"v.c.
- Frequency response: 50-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application
- DSP with 4 presets (full range-HPF-coupling-monitor) for selection of optimal frequency response

TOURING12P

2-way passive loudspeakers, 500W AES, 129db SPL

- Low frequency: 12" neodymium woofer/3"v.c.
- High frequency: 1.4" driver/3"v.c.
- Frequency response: 55-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application

TOURING12



12" Nd



1,4"



DIGITAL AMP*



DSP*



80°x50°



RIGGING



HORN ROTATION 90°



DEDICATED PRESET**

TOURING12A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 12" neodymium woofer / 3" v.c.
- High frequency: 1.4" driver/3"v.c.

FEATURES

- Built-in amp LF/HF: 1000+400W
- SPL max: 131dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 125/131dB @1m (free field)
- Frequency response: 50-18000Hz (±3dB)
- Coverage angle HxV: 80x50°
- Cross over frequency: 1200Hz

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: full range-HPF-coupling-monitor
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50-30° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 395x620x375mm
- Weight: 30kg

TOURING12P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 12" neodymium woofer / 3" v.c.
- High frequency: 1.4" driver/3"v.c.

FEATURES

- AES/program power: 500/1000W
- SPL max: 131dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 100dB
- Impedance: 8 Ohm
- SPL cont/peak: 125/131dB @1m (free field)
- Frequency response: 55-18000Hz (±3dB)
- Coverage angle HxV: 80x50°
- Cross over frequency: 1200Hz
- Protection: H.F. signal compression
- Suggest HPF range: 80/120Hz
- Recommended amplifier up to: 1000W /80hm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50-30° double angle
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 395x620x375mm
- Weight: 28.5kg

*active version only

**passive version only



TOURING15A

Active loudspeaker, D-class bi-amp, 2-way 1000W+400W, 131dB SPL

- Low frequency: 15" neodymium woofer/3"v.c.
- High frequency: 2" driver/3"v.c.
- Frequency response: 45-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application
- DSP with 4 presets (full range-HPF-coupling-monitor) for selection of optimal frequency response

TOURING15P

2-way passive loudspeakers, 500W AES, 131db SPL

- Low frequency: 15" neodymium woofer/3"v.c.
- High frequency: 2" driver/3"v.c.
- Frequency response: 50-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure, designed for stage-monitor application

TOURING15



15" Nd



2"



DIGITAL AMP*



DSP*



90°x60°



RIGGING



HORN ROTATION 90°



DEDICATED PRESET**

TOURING15A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 15" neodymium woofer / 3" v.c.
- High frequency: 2" driver/3"v.c.

FEATURES

- Built-in amp LF/HF: 1000+400W
- SPL max: 131dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 125/131dB @1m (free field)
- Frequency response: 45-18000Hz (±3dB)
- Coverage angle HxV: 90x60°
- Cross over frequency: 1100Hz

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: full range-HPF-coupling-monitor
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, fly track, 35 mm pole mount
- Angle: 45-30° monitor applications
- Handles: 4 on side

PHYSICAL

- Dimensions (WxHxD): 430x755x405mm
- Weight: 34kg

TOURING15P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 15" neodymium woofer / 3" v.c.
- High frequency: 2" driver/3"v.c.

FEATURES

- AES/program power: 500/1000W
- SPL max: 131dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 99dB
- Impedance: 8 Ohm
- SPL cont/peak: 125/131dB @1m (free field)
- Frequency response: 50-18000Hz (±3dB)
- Coverage angle HxV: 90x60°
- Cross over frequency: 1100Hz
- Protection: H.F. signal compression
- Suggest HPF range: 80/120Hz
- Recommended amplifier up to: 1000W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50-30° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 430x755x405mm
- Weight: 32.5kg

*active version only

**passive version only



TOURING215A

Active loudspeaker, D-class bi-amp, 2-way 1050W+570W, 137dB SPL

- Low frequency: 2x15" neodymium woofer/3"v.c.
- High frequency: 2" driver/3"v.c.
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure
- DSP presets for front-fill, near-field and mid-field monitoring, hi-mid section, array mounting

TOURING215P

2-way passive loudspeakers, 1000W AES, 137db SPL

- Low frequency: 2x15" neodymium woofer/3"v.c.
- High frequency: 2" driver/3"v.c.
- Frequency response: 45-18000 Hz (±3dB)
- Excellent clarity in the reproduction of voice and music for live and recorded performances
- Birch plywood enclosure
- Installed into theatres and congress halls owing to excellent acoustic performance

TOURING215



2x15" Nd



2"



DIGITAL AMP*



DSP*



90°x60°



RIGGING



HORN ROTATION



DEDICATED PRESET**

TOURING215A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 2x15" neodymium woofer / 3" v.c.
- High frequency: 2" driver/3"v.c.

FEATURES

- Built-in amp LF/HF: 1050+570W
- SPL max: 137dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 131/137dB @1m (free field)
- Frequency response: 45-18000Hz (±3dB)
- Coverage angle HxV: 90x60°
- Cross over frequency: 1100Hz

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: full range-HPF-coupling-monitor
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 45-30° double angle
- Handles: 4 on side

PHYSICAL

- Dimensions (WxHxD): 430x1145x405mm
- Weight: 51.5kg

TOURING215P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 2x15" neodymium woofer / 3" v.c.
- High frequency: 2" driver/3"v.c.

FEATURES

- AES/program power: 1000/2000W
- SPL max: 137dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 102dB
- Impedance: 4 Ohm
- SPL cont/peak: 131/137dB @1m (free field)
- Frequency response: 45-18000Hz (±3dB)
- Coverage angle HxV: 90x60°
- Cross over frequency: 1100Hz
- Protection: H.F. signal compression
- Suggest HPF range: 80/120Hz
- Recommended amplifier up to: 2000W /4Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50-30° double angle
- Handles: 4 on side

PHYSICAL

- Dimensions (WxHxD): 430x1145x405mm
- Weight: 49kg

*active version only

**passive version only

TOURING15S



TOURING15SA

Active subwoofer, D-class amplifier, 700W, 131dB SPL

- Low frequency: 15" woofer/4"v.c.
- Frequency response: 40-150 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure
- DSP with 4 presets (LPF 150Hz-120Hz-100-Hz-80Hz) for selection of optimal frequency response

TOURING15SP

Passive subwoofer, 700W AES, 132dB SPL

- Low frequency: 15" woofer/4"v.c.
- Frequency response: 45-200 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure



15"



DIGITAL AMP*



DSP*



OMNI



DEDICATED PRESET**

TOURING15SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer

COMPONENTS

- Low frequency: 15" woofer/4"v.c.

FEATURES

- Built-in amp: 700W
- SPL max: 131dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 125/131dB @1m (free field)
- Frequency response: 40-150Hz (±3dB)
- Coverage angle HxV: omnidirectional

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: LPF 150Hz-120Hz-100-Hz-80Hz
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: 35 mm mounting pole
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 430x570x645mm
- Weight: 31kg

TOURING15SP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer

COMPONENTS

- Low frequency: 15" woofer/4"v.c.

FEATURES

- AES/program power: 700/1400W
- SPL max: 132dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 97dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 126/132dB @1m (free field)
- Frequency response: 45-200Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Suggest LPF range: 80-150Hz
- Recommended amplifier up to: 1400W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, fly track, 35 mm pole mount
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 430x570x645mm
- Weight: 30kg

*active version only

**passive version only

TOURING18S



TOURING18SA

Active subwoofer, D-class amplifier, 1500W, 134db SPL

- Low frequency: 18" woofer/4"v.c.
- Frequency response: 30-150 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure
- DSP with 4 presets (punch-extended low-coupling-infra) for selection of optimal frequency response

TOURING18SP

Passive subwoofer, 1500W AES, 134db SPL

- Low frequency: 18" woofer/4"v.c.
- Frequency response: 35-150 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure



18" Nd



DIGITAL AMP*



DSP*



OMNI



DEDICATED PRESET**

TOURING18SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer
- COMPONENTS
- Low frequency: 18" woofer/4"v.c.

FEATURES

- Built-in amp: 1500W
- SPL max: 134dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 128/134dB @1m (free field)
- Frequency response: 30-150Hz (±3dB)
- Coverage angle HxV: omnidirectional

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: punch-extended low-coupling-infra
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 24mm birchplywood
- Suspension system: 35 mm mounting pole

- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 561x710x620mm
- Weight: 51kg

TOURING18SP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer
- COMPONENTS
- Low frequency: 18" woofer/4"v.c.

FEATURES

- AES/program power: 1500/3000W
- SPL max: 134dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 97dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 128/134dB @1m (free field)

- Frequency response: 35-150Hz (±3dB)

- Coverage angle HxV: omnidirectional

- Suggest LPF range: 80-150Hz

- Recommended amplifier up to: 3000W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 22mm birchplywood
- Suspension system: eyebolt, fly track, 35 mm pole mount

- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 561x710x620mm
- Weight: 49kg

*active version only

**passive version only

TOURING218S



TOURING218SA

Active subwoofer, D-class amplifier, 3000W, 140db SPL

- Low frequency: 2x18" woofer/4"v.c.
- Frequency response: 30-150 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Installed into theatres and congress halls owing to excellent acoustic performance
- DSP with 4 presets (punch-extended low-coupling-infra) for selection of optimal frequency response

TOURING218SP

Passive subwoofer, 3000W AES, 140db SPL

- Low frequency: 2x18" woofer/4"v.c.
- Frequency response: 35-150 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure



2x18" Nd



DIGITAL AMP*



DSP*



OMNI



DEDICATED PRESET**

TOURING218SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer

COMPONENTS

- Low frequency: 2x18" woofer/4"v.c.

FEATURES

- Built-in amp: 3000W
- SPL max: 140dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 136/140dB @1m (free field)
- Frequency response: 30-150Hz (±3dB)
- Coverage angle HxV: omnidirectional

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: punch-extended low-coupling-infra
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 24mm birchplywood
- Suspension system: 35 mm mounting pole
- Handles: 10 on side

PHYSICAL

- Dimensions (WxHxD): 1100x565x780mm
- Weight: 92kg

TOURING218SP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer

COMPONENTS

- Low frequency: 2x18" woofer/4"v.c.

FEATURES

- AES/program power: 3000/6000W
- SPL max: 140dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 101dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 134/140dB @1m (free field)

- Frequency response: 35-150Hz (±3dB)

- Coverage angle HxV: omnidirectional

- Suggest LPF range: 80-150Hz

- Recommended amplifier up to: 6000W /4Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 22mm birchplywood
- Suspension system: eyebolt, fly track, 35 mm pole mount
- Handles: 10 on side

PHYSICAL

- Dimensions (WxHxD): 1100x565x780mm
- Weight: 90kg

*active version only

**passive version only

TOURING12MA



TOURING12MA

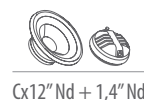
Active stage-monitor, coaxial design, D-class amplifier, 2-way 700W, 127db SPL

- Low frequency: 12" neodymium woofer/3"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 75-18000 Hz (± 3 dB)
- Excellent clarity in the monitoring of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure
- DSP with 4 presets (flat eq-cut 80Hz-cut 60Hz-punch eq) for selection of optimal frequency response

TOURING12MP

Passive stage-monitor, coaxial design, 2-way 350W AES, 130db SPL

- Low frequency: 12" neodymium woofer/3"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 80-18000 Hz (± 3 dB)
- Excellent clarity in the monitoring of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure



Cx12"Nd + 1,4" Nd



DIGITAL AMP*



DSP*



60°x40°



HORN ROTATION 90°



DEDICATED PRESET**

TOURING12MA TECHNICAL DATA

LOUDSPEAKERS

- System type: active stage monitor, coaxial design

COMPONENTS

- Low frequency: 12" neodymium woofer / 3" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- Built-in amp: 700W

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 121/127dB @1m (free field)
- Frequency response: 75-18000Hz (± 3 dB)
- Coverage angle HxV: 60x40°
- Cross over frequency: 1400Hz

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: flat eq-cut 80Hz-cut 60Hz-punch eq
- Processor: DSP
- Operating voltage/frequency: 220 V $\pm 10\%$, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 430x410x558mm
- Weight: 18kg

TOURING12MP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive stage monitor, coaxial design

COMPONENTS

- Low frequency: 12" neodymium woofer / 3" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- AES/program power: 350/700W
- SPL max: 130dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 99dB
- Impedance: 8 Ohm
- SPL cont/peak: 124/130dB @1m (free field)
- Frequency response: 80-18000Hz (± 3 dB)
- Coverage angle HxV: 60x40°
- Cross over frequency: 1400Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 700W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 430x410x558mm
- Weight: 16kg

*active version only

**passive version only

TOURING15M



TOURING15MA

Active stage-monitor, coaxial design, D-class amplifier, 2-way 700W, 127dB SPL

- Low frequency: 15" neodymium woofer/3"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 60-18000 Hz (±3dB)
- Excellent clarity in the monitoring of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure
- DSP with 4 presets (flat eq-cut 80Hz-cut 60Hz-punch eq) for selection of optimal frequency response

TOURING15MP

Passive stage-monitor, coaxial design, 2-way 400W AES, 130dB SPL

- Low frequency: 15" neodymium woofer/3"v.c.
- High frequency: 1.4" neodymium driver/3"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Excellent clarity in the monitoring of voice and music for live and recorded performances
- Installed into theatres and congress halls owing to excellent acoustic performance
- Birch plywood enclosure



Cx15"Nd + 1,4" Nd



DIGITAL AMP*



DSP*



60°x40°



HORN ROTATION



DEDICATED PRESET**

TOURING15MA TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way coaxial

COMPONENTS

- Low frequency: 15" neodymium woofer / 3" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- Built-in amp: 700W

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 124/130dB @1m (free field)
- Frequency response: 60-18000Hz (±3dB)
- Coverage angle HxV: 60x40°
- Cross over frequency: 1200Hz

ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: flat eq-cut 80Hz-cut 60Hz-punch eq
- Processor: DSP
- Operating voltage/frequency: 220 V ±10%, 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 528x410x558mm
- Weight: 22kg

TOURING15MP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive stage monitor, coaxial design

COMPONENTS

- Low frequency: 15" neodymium woofer / 3" v.c.
- High frequency: 1.4" neodymium driver / 3" v.c.

FEATURES

- AES/program power: 400/800W
- SPL max: 130dB @1m (free field)
- Sensitivity: 99dB
- Impedance: 8 Ohm
- SPL cont/peak: 124/130dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 60x40°
- Cross over frequency: 1200Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 800W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: Neutrik NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: eyebolt, fly track, 35 mm pole mount
- Angle: 50° monitor applications
- Handles: 2 on side

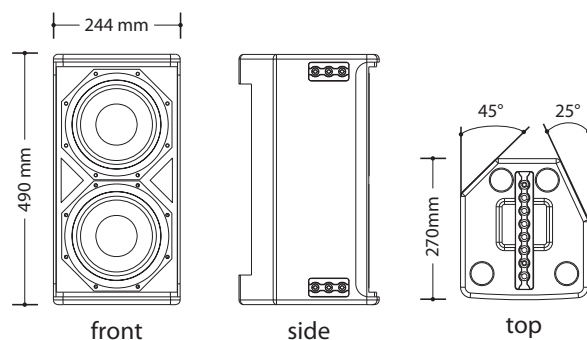
PHYSICAL

- Dimensions (WxHxD): 582x410x558mm
- Weight: 20kg

*active version only

**passive version only

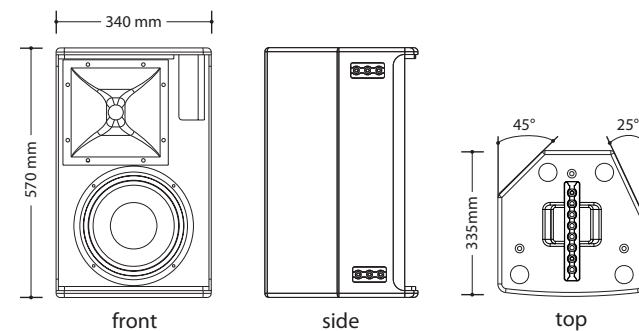
TOURING208A / TOURING208P - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
BAGTOURING208: Fabric protection for DAD TOURING208A/TOURING208P
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers

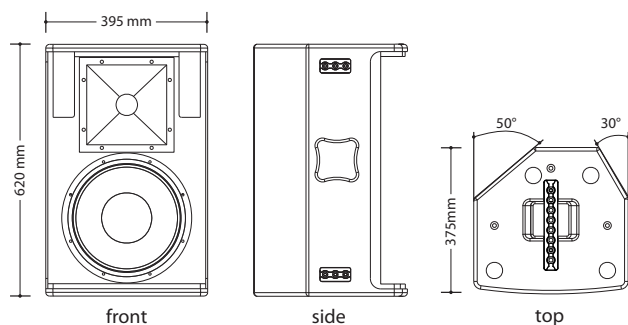
TOURING10A / TOURING10P - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
BAGTOURING10: Fabric protection for DAD TOURING10A/TOURING10P
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers

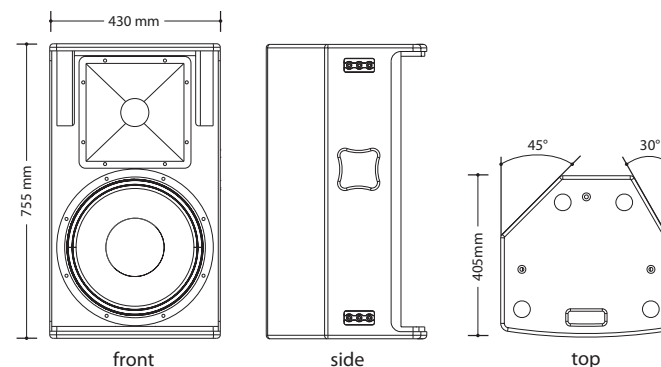
TOURING12A / TOURING12P - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
BAGTOURING12: Fabric protection for DAD TOURING12A/TOURING12P
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers

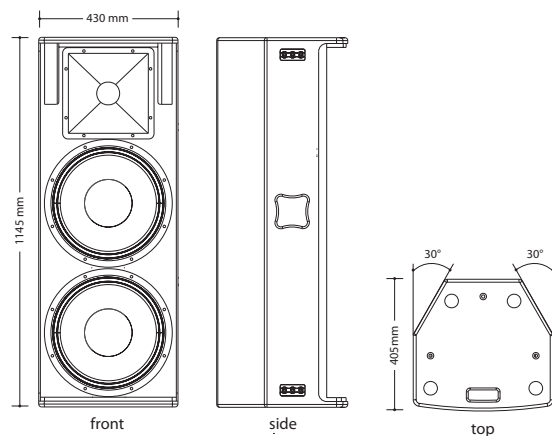
TOURING15A / TOURING15AP - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
BAGTOURING15: Fabric protection for DAD TOURING15A/TOURING15AP
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers

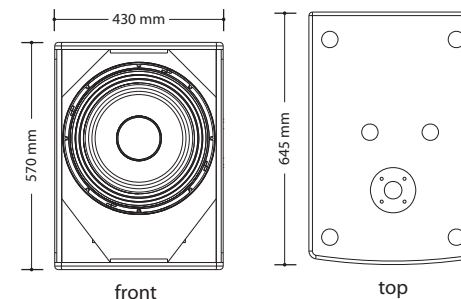
TOURING215A / TOURING215P - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
BAGTOURING215: Fabric protection for DAD TOURING215A/TOURING215P
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers

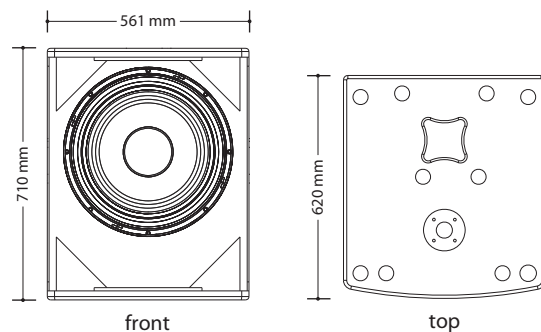
TOURING15SA / TOURING15SP - Technical Drawings



Optional accessories

BAGTOURING15S: Fabric protection for DAD TOURING15SA/TOURING15SP

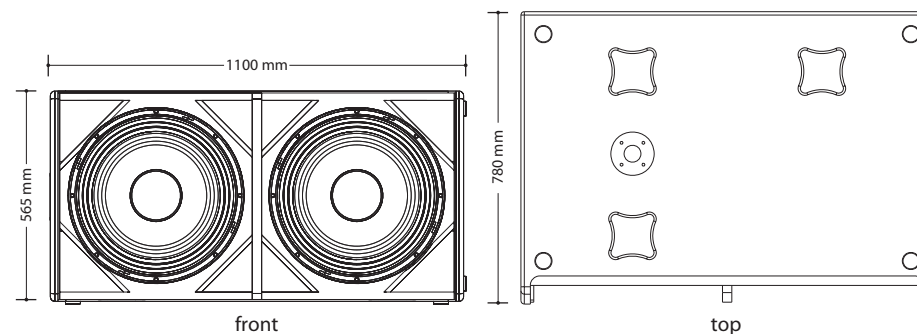
TOURING18SA / TOURING18SP - Technical Drawings



Optional accessories

BAGTOURING18S: Fabric protection for DAD TOURING18SA/TOURING18SP
ACRT4234EU: 100mm prof. swivel caster with brake, 350 kg load limit for a set of 4 wheels
ACRT4230EU: 100mm professional swivel caster, 350 kg load limit for a set of 4 wheels

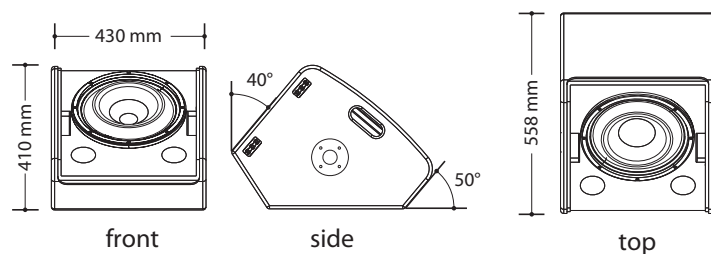
TOURING218SA / TOURING218SP - Technical Drawings



Optional accessories

BAGTOURING218S: Fabric protection for DAD TOURING218A/TOURING218P
ACRT4234EU: 100mm prof. swivel caster with brake, 350 kg load limit for a set of 4 wheels
ACRT4230EU: 100mm professional swivel caster, 350 kg load limit for a set of 4 wheels

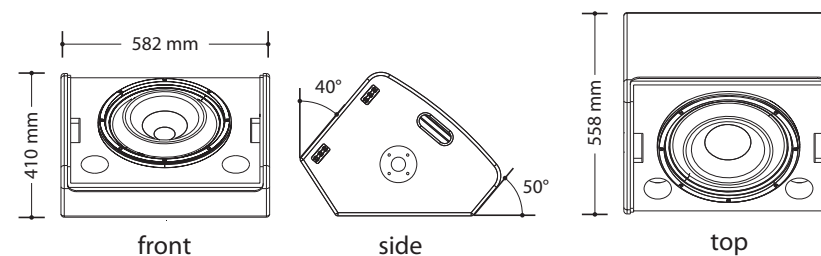
TOURING12MA / TOURING12MP - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
BAGTOURING12M: Fabric protection for DAD TOURING12MA/TOURING12MP
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers

TOURING15MA / TOURING15MP - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
BAGTOURING15M: Fabric protection for DAD TOURING15MA/TOURING15MP
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers

FUSION

series

FUSION SERIES

DAD FUSION is a line of 2-way loudspeakers designed for professional application as front/side-fill and stage-monitor, delivering flexibility, quality and sound pressure in typical professional audio environments. According to this logic, FUSION line of speakers (available in both active and passive version) offers several possibilities of configuration, ranging from full-range to multi-amplified systems combined with DAD subwoofers.

Active models are equipped with switching mode power supply and bi-amp technology, D-class for LF sections and AB-class for HF's. Flexibility of FUSION speakers is improved by reduced weighing, LF/HF equalization, integrated hanging hardware for simplified suspension, rotation of horns.

For sound reinforcement of outdoor venues or hi-quality indoor installations, FUSION series systems offer:

- usage flexibility combined to quality of reproduction and sound pressure
- D/AB-class amplifiers with switching mode power supply
- compact dimensions and reduced weight
- cabinet built in multilayer birch plywood, having thickness up to 18mm
- built-in hardware for simplified suspended installation





FUSION10A

Active loudspeakers,
D+AB class bi-amp, 2-way
350W+70W, 124db SPL

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- User controls: mic, line, master, eq LF-HF
- Reproduction of voice and music for live and recorded performances
- Birch plywood enclosure
- For sound installations in environments requiring dynamics and sound pressure

FUSION10P

2-way passive loudspeakers,
250W AES, 124db SPL

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 70-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Birch plywood enclosure
- For sound installations in environments requiring dynamics and sound pressure

FUSION10



FUSION10A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- Built-in amp LF/HF: 350+70W
- SPL max: 124dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 118/124dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 90x70°
- Cross over frequency: 2000Hz

ELECTRONICS

- Amplifier: digital + AB class
- Power: 350+70W /4/8Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: fast limiter, temp
- User controls: mic, line, master, eq LF-HF
- Processor: analog
- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 10° trapezoidal taper
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 304x495x300mm
- Weight: 17kg

FUSION10P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- AES/program power: 250/500W
- SPL max: 124dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 94dB @1W/1m (free field)
- SPL cont/peak: 118/124dB @1m (free field)
- Frequency response: 70-18000Hz (±3dB)
- Coverage angle HxV: 90x70°
- Cross over frequency: 2000Hz

ELECTRONICS

- Protection: H.F. signal compression
- Recommended amplifier up to: 500W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 10° trapezoidal taper
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 304x495x300mm
- Weight: 15kg

*active version only

**passive version only



FUSION12A

Active loudspeakers,
D+AB class bi-amp, 2-way
350W+70W, 128db SPL

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 60-18000 Hz (±3dB)
- User controls: mic, line, master, eq LF-HF
- Reproduction of voice and music for live and recorded performances
- Birch plywood enclosure, designed for stage-monitor application
- For sound installations in environments requiring dynamics and sound pressure

FUSION12P

2-way passive loudspeakers,
300W AES, 129db SPL

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Birch plywood enclosure, designed for stage-monitor application
- For sound installations in environments requiring dynamics and sound pressure

FUSION12



FUSION12A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- Built-in amp LF/HF: 350+70W
- SPL max: 128dB

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 122/128dB @1m (free field)
- Frequency response: 60-18000Hz (±3dB)
- Coverage angle HxV: 90x70°
- Cross over frequency: 1700Hz

ELECTRONICS

- Amplifier: digital + AB class
- Power: 350+70W /4/8Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: fast limiter, temp
- User controls: mic, line, master, eq LF-HF
- Processor: analog
- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 10 - 40° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 361x530x367mm
- Weight: 25kg

FUSION12P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- AES/program power: 300/600W
- SPL max: 129dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- SPL cont/peak: 123/129dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)

- Coverage angle HxV: 90x70°

- Cross over frequency: 1700Hz

- Protection: H.F. signal compression

- Recommended amplifier up to: 600W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 10 - 40° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 361x530x367mm
- Weight: 23kg

**active version only*

***passive version only*



FUSION15A

Active loudspeakers,
D+AB class bi-amp, 2-way
350W+70W, 128db SPL

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1.4" driver/3"v.c.
- Frequency response: 45-18000 Hz (±3dB)
- User controls: mic, line, master, eq LF-HF
- Reproduction of voice and music for live and recorded performances
- Birch plywood enclosure, designed for stage-monitor application
- For sound installations in environments requiring dynamics and sound pressure

FUSION15P

2-way passive loudspeakers,
350W AES, 129db SPL

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1.4" driver/3"v.c.
- Frequency response: 50-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Birch plywood enclosure, designed for stage-monitor application
- For sound installations in environments requiring dynamics and sound pressure

FUSION15



15"



1.4"



DIGITAL AMP*



AB AMP*



90°x40°



FLYTRACK



HORN ROTATION 90°



DEDICATED PRESET**

FUSION15A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1.4" driver/3"v.c.

FEATURES

- Built-in amp LF/HF: 350+70W
- SPL max: 128dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 122/128dB @1m (free field)
- Frequency response: 45-18000Hz (±3dB)
- Coverage angle HxV: 90x40°
- Cross over frequency: 1500Hz

ELECTRONICS

- Amplifier: digital + AB class
- Power: 350+70W /4/8Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: fast limiter, temp
- User controls: mic, line, master, eq LF-HF
- Processor: analog
- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 10 - 40° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 448x668x400mm
- Weight: 32kg

FUSION15P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1.4" driver/3"v.c.

FEATURES

- AES/program power: 350/700W
- SPL max: 129dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- SPL cont/peak: 123/129dB @1m (free field)
- Frequency response: 50-18000Hz (±3dB)
- Coverage angle HxV: 90x70°
- Cross over frequency: 1500Hz

ELECTRONICS

- Protection: H.F. signal compression
- Recommended amplifier up to: 700W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 10 - 40° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 448x688x400mm
- Weight: 30kg

*active version only

**passive version only



FUSION12MA

Active stage-monitor, coaxial design, D+AB class bi-amp. 2-way 350+70W, 128db SPL

- Low frequency: 12" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.
- Frequency response: 60-18000 Hz (±3dB)
- User controls: mic, line, master, eq LF-HF
- Reproduction in the monitoring of voice and music for live and recorded performances
- Birch plywood enclosure
- For sound installations in environments requiring dynamics and high sound pressure

FUSION12MP

Passive stage-monitor, coaxial design, 2-way 250W AES, 127db SPL

- Low frequency: 12" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Reproduction in the monitoring of voice and music for live and recorded performances
- Birch plywood enclosure
- For sound installations in environments requiring dynamics and high sound pressure

FUSION12M



Cx12" + 1"



DIGITAL AMP*



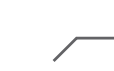
AB AMP*



80°x80°



FLYTRACK



DEDICATED PRESET**

FUSION12MA TECHNICAL DATA

LOUDSPEAKERS

- System type: active stage monitor, coaxial design

COMPONENTS

- Low frequency: 12" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.

FEATURES

- Built-in amp LF/HF: 350+70W
- SPL max: 127dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 121/127dB @1m (free field)
- Frequency response: 60-18000Hz (±3dB)
- Coverage angle HxV: 80x80°
- Cross over frequency: 2000Hz

ELECTRONICS

- Amplifier: digital + AB class
- Power: 350+70W /4/8Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: fast limiter, temp
- User controls: mic, line, master, eq LF-HF
- Processor: analog
- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 40° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions(WxHxD): 502x370x440mm
- Weight: 20kg

FUSION12MP TECHNICAL DATA

LOUDSPEAKERS

- System type: active stage monitor, coaxial design

COMPONENTS

- Low frequency: 12" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.

FEATURES

- AES/program power: 250/500W
- SPL max: 129dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- SPL cont/peak: 123/129dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 80x80°

CROSS OVER FREQUENCY

- Cross over frequency: 1700Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 500W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Sospension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 40° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions(WxHxD): 502x370x440mm
- Weight: 17kg

*active version only

**passive version only

FUSION15M



FUSION15MA

Active stage-monitor, coaxial design, D+AB class bi-amp. 2-way 350+70W, 128db SPL

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 50-18000 Hz (± 3 dB)
- User controls: mic, line, master, eq LF-HF
- Reproduction in the monitoring of voice and music for live and recorded performances
- Birch plywood enclosure
- For sound installations in environments requiring dynamics and high sound pressure

FUSION15MP

Passive stage-monitor, coaxial design, 2-way 300W AES, 128db SPL

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 55-18000 Hz (± 3 dB)
- Reproduction in the monitoring of voice and music for live and recorded performances
- Birch plywood enclosure
- For sound installations in environments requiring dynamics and high sound pressure



Cx15" + 1"



DIGITAL AMP*



AB AMP*



90°x90°



DEDICATED PRESET**

FUSION15MA TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way coaxial

COMPONENTS

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- Built-in amp LF/HF: 350+70W
- SPL max: 128dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 122/128dB @1m (free field)
- Frequency response: 50-18000Hz (± 3 dB)
- Coverage angle HxV: 90°x90°
- Cross over frequency: 1700Hz

ELECTRONICS

- Amplifier: digital + AB class
- Power: 350+70W /4/8Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: fast limiter, temp
- User controls: mic, line, master, eq LF-HF
- Processor: analog
- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Suspension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 40° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions(WxHxD): 605x420x500mm
- Weight: 29kg

FUSION15MP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way coaxial design

COMPONENTS

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- AES/program power: 300/600W
- SPL max: 128dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- SPL cont/peak: 122/128dB @1m (free field)
- Frequency response: 55-18000Hz (± 3 dB)
- Coverage angle HxV: 90°x90°
- Cross over frequency: 2000Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 600W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm birchplywood
- Suspension system: 6 point M8 eyebolt, fly track, 35 mm pole mount
- Angle: 40° monitor applications
- Handles: 2 on side

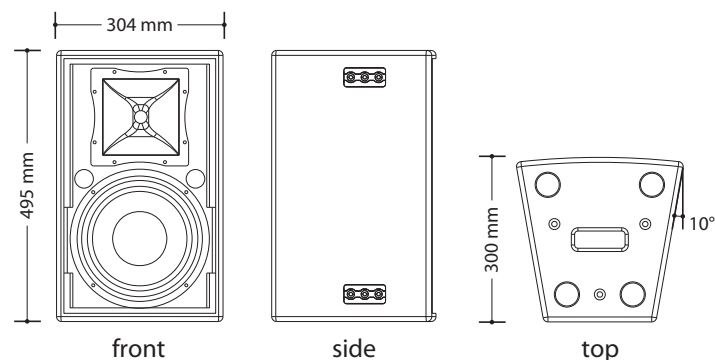
PHYSICAL

- Dimensions(WxHxD): 605x420x500mm
- Weight: 27kg

*active version only

**passive version only

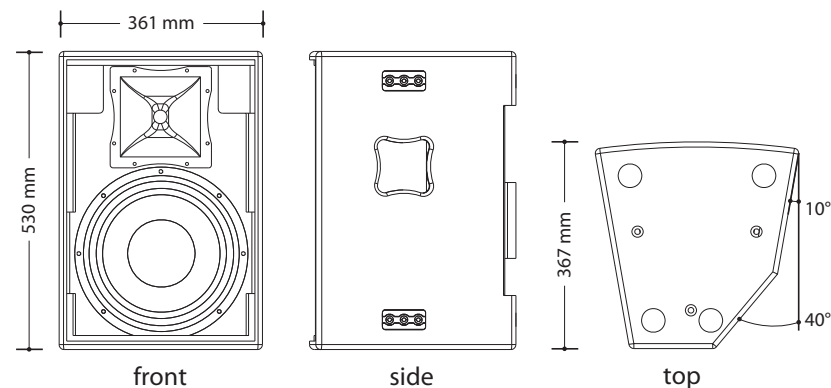
FUSION10A / FUSION10P - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers
AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

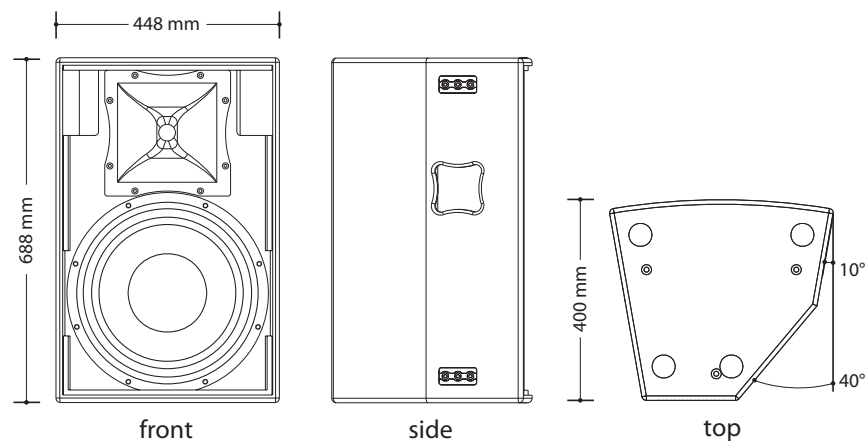
FUSION12A / FUSION12P - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers
AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

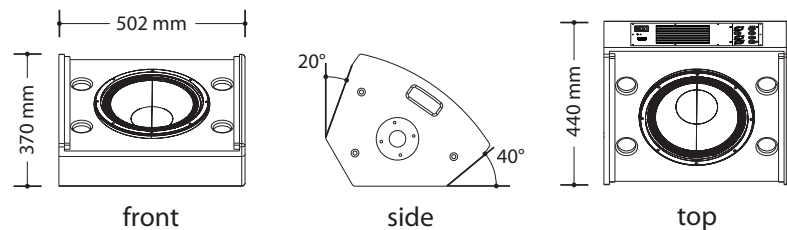
FUSION15A / FUSION15P - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers
AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

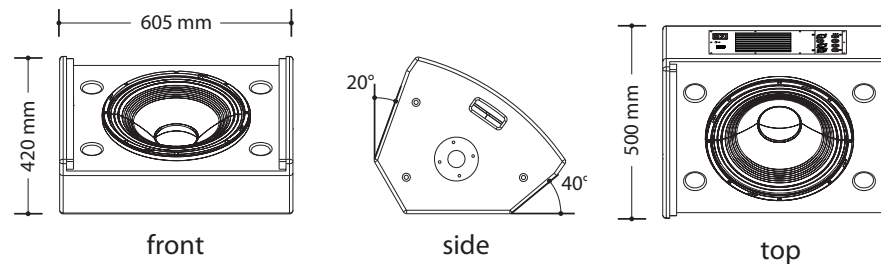
FUSION12MA / FUSION12MP - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers
AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

FUSION15MA / FUSION15MP - Technical Drawings



Optional accessories

FLYTRACK1-150: Steel rope (6mm diam.) for suspension, ACCA5462 incl., 50cm L
FLYTRACK1-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-300: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 30cm L
FLYTRACK2-500: Steel rope (6mm diam.) for suspension, ACCA5452 incl., 50cm L
ACCA5452: Zinc-plated steel eye-bolt and hook, for suspension of loudspeakers
AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

ARK COLUMN series



**ARK
COLUMN**

ARK COLUMN series represents the new sound solution in the professional installation sector with a special focus on aesthetics. More compact full-range speakers with 2 and 4 transducers of 3" are suitable for small and medium installations.

The modules with 8 transducers of 3" can be configured in vertical array too and represent the solution to sound in deep environments particularly difficult, where quality and intelligibility are required.

ARK COLUMN series speakers can be used in higher performance systems in combination with the sub.

SMART and PLUS solutions are plug and play amplified configurations and represent just one of the many ways to use the ARK COLUMN speakers.

Column modules with off-axis transducers for wide horizontal dispersion.

Aluminum frame for a very robust yet lightweight design that fits in with any environment.

Multi-layer amplifier subwoofer units with 2x700W amplification system and dedicated output for the middle section.

Factory presets or configurable by the customer, to allow the maximum flexibility of use.

Available in passive version with amplification and dedicated preset files, in either white or black colors.



ARK803AP

Column line array loudspeaker module, 200W AES, 120dB SPL.

- Mid frequency: 8x3" midrange / 0.75" v.c.
- Frequency response: 135-17000 Hz (± 3 dB)
- Coverage angle HxV: 115x20°
- The modules with 8 transducers of 3" can be configured in vertical array too and represent the solution to sound in deep environments particularly difficult, where quality and intelligibility are required. Column modules with an off-axis transducer for wide horizontal dispersion.
- Aluminium frame for a very robust yet lightweight design that fits in with any environment

Versions:

ARK803APBK (Black finish)

ARK803APWH (White finish)

ARK803AP



8x3"



115°x20°



RIGGING



DEDICATED PRESET

ARK803AP TECHNICAL DATA

LOUDSPEAKERS

- System type: column loudspeaker

COMPONENTS

- Mid frequency: 8x3" midrange / 0.75" v.c.

FEATURES

- AES/program power: 200/400W
- SPL max: 120dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 95dB @1W/1m (free field)
- Impedance: 16 Ohm
- SPL cont/peak: 114/120dB @1m (free field)
- Frequency response: 135-17000Hz (± 3 dB)
- Coverage angle HxV: 115x20°
- Suggest LPF range: 140/180Hz
- Recommended amplifier up to: 400W /16Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: jack 6.35 mm/NL4 IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 3mm aluminum die cast
- Suspension system: support with signal connection

PHYSICAL

- Dimensions (WxHxD): 110x770x148mm
- Weight: 7.6kg

ARKPWB701



700W amplified base for ARK803AP column loudspeakers

- DSP with 4 presets (1 unit, 2 units, 120Hz HPF, 180Hz HPF) for selection of optimal frequency response

ARKPWB701 TECHNICAL DATA

AMPLIFIER

- Channels: 1
- Circuit class: digital

OUTPUT

- Single channel power: 700W 8 Ohm

AUDIO SPECIFICATIONS

- Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB)
- THD+N:
- Slew rate: $>30V/\mu s$ @ 8 Ω
- Damping factor: >1000
- Input impedance: 10k Ω
- Signal/Noise rate: >100 dB

POWER SUPPLY STAGE

- Operating voltage/frequency: 220 V $\pm 10\%$, 50Hz

PROTECTIONS

- Input: Clip/limit, progressive volume
- Output: Soft-start, short circuit, DC, overheat

FUNCTIONS

- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- User controls: 1 unit, 2 units, 120Hz HPF, 180Hz HPF

INPUT/OUTPUT CONNETTORS

- Input signal: XLR in/out
- Output signal: jack 6.35 mm
- Power connection: PowerCON IN/OUT

PHYSICAL

- Dimensions (WxHxD): 500x650x500mm
- Weight: 8.8kg

Versions:

ARKPWB701BK (Black finish)

ARKPWB701WH (White finish)

ARK680SE



Support element for column loudspeakers

- Aluminum cabinet
- Symmetrical trapezoidal profile
- Connections for the high middle unit integrated inside the cabinet
- Applications: to distract the mid-range speaker from the sub

Versions:

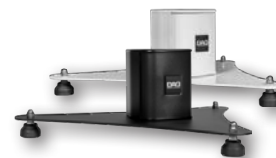
ARK680SEBK (Black finish)

ARK680SEWH (White finish)

ARKBASE

Metal support for ground column sound system installation.

- Compatible with ARK803AP / ARK680SE



Versions:

ARKBASEBK (Black finish)

ARKBASEWH (White finish)

ARK203MP



ARK203MP

Wall mounted column loudspeaker, 50W AES, 108dB SPL

- Mid frequency: 2x3" midrange / 0.75" v.c.
- Frequency response: 135-17000 Hz (± 3 dB)
- Coverage angle HxV: 115x40°
- The modules with 2 transducers of 3" represent the solution to sound in environments particularly difficult, where quality and intelligibility are required.
- Column modules with an off-axis transducer for wide horizontal dispersion.
- Aluminium frame for a very robust yet lightweight design that fits in with any environment.

Versions:

ARK203MPBK (Black finish)

ARK203MWH (White finish)

ARK203MP TECHNICAL DATA

LOUDSPEAKERS

- System type: column loudspeaker

COMPONENTS

- Mid frequency: 2x3" midrange / 0.75" v.c.

FEATURES

- AES/program power: 50/100W
- SPL max: 108dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 89dB @1W/1m (free field)
- Impedance: 16 Ohm
- SPL cont/peak: 102/108dB @1m (free field)
- Frequency response: 135-17000Hz (± 3 dB)
- Coverage angle HxV: 115x40°
- Suggest HPF range: 140/180Hz
- Recommended amplifier up to: 100W /16Ohm

INPUT/OUTPUT CONNECTORS

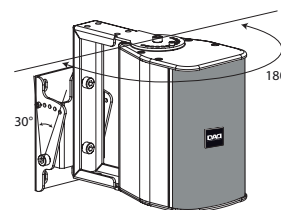
- Input signal: XLR IN/OUT, pin RCA unbal.

CABINET CONSTRUCTION

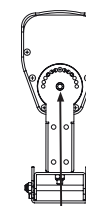
- Cabinet material: 3mm aluminum die cast
- Suspension system: wall brackets (included)

PHYSICAL

- Dimensions (WxHxD): 110x180x148mm
- Weight: 2.2kg



The brackets allow a rotation on the horizontal plane of 180° to step of 15° and a tilt on the vertical plane of 30° to 8° step.



Screw for the rotation on the horizontal plane.

ARK403MP



ARK403MP

Wall mounted column loudspeaker, 100W AES, 114dB SPL

- Mid frequency: 4x3" midrange / 0.75" v.c.
- Frequency response: 135-17000 Hz (±3dB)
- Coverage angle HxV: 115x20°
- The modules with 4 transducers of 3" represent the solution to sound in deep environments particularly difficult, where quality and intelligibility are required.
- Column modules with an off-axis transducer for wide horizontal dispersion.
- Aluminium frame for a very robust yet lightweight design that fits in with any environment.

Versions:

ARK403MPBK (Black finish)

ARK403MWH (White finish)

ARK403MP TECHNICAL DATA

LOUDSPEAKERS

- System type: column loudspeaker

COMPONENTS

- Mid frequency: 4x3" midrange / 0.75" v.c.

FEATURES

- AES/program power: 100/200W
 - SPL max: 114dB @1m (free field)
- #### ACOUSTICAL SPECIFICATIONS
- Sensitivity: 92dB @1W/1m (free field)
 - Impedance: 8 Ohm
 - SPL cont/peak: 108/114dB @1m (free field)
 - Frequency response: 135-17000Hz (±3dB)
 - Coverage angle HxV: 115x20°
 - Suggest HPF range: 140/180Hz
 - Recommended amplifier up to: 200W /8Ohm

INPUT/OUTPUT CONNECTORS

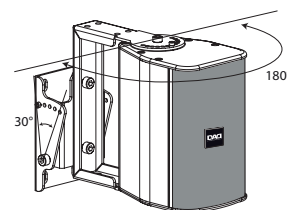
- Input signal: XLR IN/OUT, pin RCA unbal.

CABINET CONSTRUCTION

- Cabinet material: 3mm aluminum die cast
- Suspension system: wall brackets (included)

PHYSICAL

- Dimensions (WxHxD): 110x350x148mm
- Weight: 5.8kg



The brackets allow a rotation on the horizontal plane of 180° to step of 15° and a tilt on the vertical plane of 30° to 8° step.



Screw for the rotation on the horizontal plane.



ARK803MP

Wall mounted column loudspeaker, 200W AES, 120dB SPL

- Mid frequency: 8x3" midrange / 0.75" v.c.
- Frequency response: 135-17000 Hz (± 3 dB)
- Coverage angle HxV: 115x20°
- The modules with 8 transducers of 3" represent the solution to sound in deep environments particularly difficult, where quality and intelligibility are required.
- Column modules with an off-axis transducer for wide horizontal dispersion.
- Aluminium frame for a very robust yet lightweight design that fits in with any environment.

Versions:

ARK803MPBK (Black finish)

ARK803MPWH (White finish)

ARK803MP



8x3"



115°x20°



WALL MOUNT

ARK803MP TECHNICAL DATA

LOUDSPEAKERS

- System type: column loudspeaker

COMPONENTS

- Mid frequency: 8x3" midrange / 0.75" v.c.

FEATURES

- AES/program power: 200/400W
- SPL max: 120dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 95dB @1W/1m (free field)
- Impedance: 16 Ohm
- SPL cont/peak: 114/120dB @1m (free field)
- Frequency response: 135-17000Hz (± 3 dB)
- Coverage angle HxV: 115x20°
- Suggest HPF range: 140/180Hz
- Recommended amplifier up to: 400W /16Ohm

INPUT/OUTPUT CONNECTORS

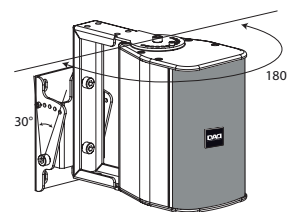
- Input signal: XLR IN/OUT, pin RCA unbal.

CABINET CONSTRUCTION

- Cabinet material: 3mm aluminum die cast
- Suspension system: wall brackets (included)

PHYSICAL

- Dimensions (WxHxD): 110x690x148mm
- Weight: 7.5kg



The brackets allow a rotation on the horizontal plane of 180° to step of 15° and a tilt on the vertical plane of 30° to 8° step.



Screw for the rotation on the horizontal plane.



ARK112SA

Bass-reflex active subwoofer,
2x700W D-class amplifier,
124dB SPL

- Low frequency: 12" woofer/3" v.c.
- Frequency response: 40-200 Hz (±3dB)
- Built-in DSP: fully adjustable.
- ARK112SA amplified subwoofer speaker can drive up to 2 column speakers of the ARK column series plus an additional ARK112SP passive subwoofer.
- Signal connection between the subwoofer and medium-high column units via a connector integrated with the loudspeaker.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

Versions:

ARK112SABK (Black finish)

ARK112SPBK (Black finish)

ARK112SP

Bass reflex passive subwoofer,
400W AES, 125dB SPL

- Low frequency: 12" woofer/3" v.c.
- Frequency response: 40-200 Hz (±3dB)
- ARK112SP subwoofer speaker is the ideal complement to column loudspeakers for reinforcing low notes.
- Signal connection between the subwoofer and medium-high column units via a connector integrated with the loudspeaker.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

ARK112SAWH (White finish)

ARK112SPWH (White finish)

ARK112S



12"



DIGITAL AMP*



DSP*



RIGGING



DEDICATED PRESET**

ARK112SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer

COMPONENTS

- Low frequency: 12" woofer/3" v.c.

FEATURES

- Built-in amp LF/MF-HF: 700+700W /40hm
- Built-in DSP: DSP fully adjustable

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 118/124dB @1m (free field)
- Frequency response: 40-200Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Suggest LPF range: 120/200Hz

ELECTRONICS

- Amplifier: digital
- Power: 700 +700W /40hm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Built-in DSP: 28/56bit
- Operating voltage/frequency: 220V~240V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Output signal: 2 x 4 pole
- Data: USB port
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm plywood
- Sospension system: support with signal connection
- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 362x520x470mm
- Weight: 24.1kg

ARK112SP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer

COMPONENTS

- Low frequency: 12" woofer/3" v.c.

FEATURES

- AES/program power: 400/800W
- SPL max: 125dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 96dB
- Impedence: 8
- SPL cont/peak: 119/125dB @1m (free field)
- Frequency response: 40-200Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Suggest LPF range: 100/160Hz
- Recommended amplifier up to: 800W

INPUT/OUTPUT CONNECTORS

- Input signal: jack 6.35 mm/NL4 IN/OUT
- Output signal: jack 6.35 mm, 4 pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm plywood
- Sospension system: support with signal connection
- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 362x520x470mm
- Weight: 21.9kg

*active version only
**passive version only



ARK2V8SA

Bass-reflex active subwoofer,
2x700W D-class amplifier,
122dB SPL

- Low frequency: 2x8 " woofer/3" v.c.
- Frequency response:40-200 Hz (±3dB)
- Built-in DSP: DSP fully adjustable
- ARK2V8SA amplified subwoofer speaker can drive up to 2 column speakers of the ARK column series plus an additional ARK208SP passive subwoofer.
- Signal connection between the subwoofer and medium-high column units via a connector integrated with the loudspeaker.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

Versions:

ARK2V8SABK (Black finish)

ARK2V8SABK (Black finish)

ARK2V8SP

Bass reflex passive subwoofer,
400W AES,122dB SPL

- Low frequency: 2x8 " woofer/3" v.c.
- Frequency response:40-200 Hz (±3dB)
- ARK2V8SP subwoofer speaker is the ideal complement to column loudspeakers for reinforcing low notes.
- Signal connection between the subwoofer and medium-high column units via a connector integrated with the loudspeaker.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

ARK2V8SPWH (White finish)

ARK2V8SPWH (White finish)

ARK2V8S



2x8"



DIGITAL AMP*



DSP*



RIGGING



DEDICATED PRESET**

ARK2V8SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer

COMPONENTS

- Low frequency: 2x8" woofer/3" v.c.

FEATURES

- Built-in amp LF/MF-HF: 700+700W /4Ohm
 - Built-in DSP: DSP fully adjustable
- ### ACOUSTICAL SPECIFICATIONS
- SPL cont/peak: 116/122dB @1m (free field)
 - Frequency response: 40-200Hz (±3dB)
 - Coverage angle HxV: omnidirectional
 - Suggest LPF range: 120/200Hz

ELECTRONICS

- Amplifier: digital
- Power: 700+700W /4Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Built-in DSP: 28/56bit
- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Output signal: 2 x 4 pole
- Data: USB port
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm plywood
- Sospension system: support with signal connection
- Handles: 1 top

PHYSICAL

- Dimensions (WxHxD): 260x660x365mm
- Weight: 18.4kg

ARK2V8SP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer

COMPONENTS

- Low frequency: 2x8" woofer/3" v.c.

FEATURES

- AES/program power: 400/800W
 - SPL max: 122dB @1m (free field)
- ### ACOUSTICAL SPECIFICATIONS
- Sensitivity: 93dB @1W/1m (free field)
 - Impedence: 8
 - SPL cont/peak: 116/122dB @1m (free field)
 - Frequency response: 40-200Hz (±3dB)
 - Coverage angle HxV: omnidirectional
 - Suggest LPF range: 100/160Hz

- Recommended amplifier up to: 1200W

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm

CABINET CONSTRUCTION

- Cabinet material: 15mm plywood
- Sospension system: support with signal connection
- Handles: 1 top

PHYSICAL

- Dimensions (WxHxD): 260x660x365mm
- Weight: 17.1kg

*active version only
**passive version only

ARKSMART ARKPLUS ARKLINEA



ARKSMART1

ARK2V8SA + ARK680SE + AKR803AP

ARKSMART2

ARK2V8SA + ARK803AP + ARK803AP

ARKSMART3

ARK2V8SA + ARK2V8SP + 2x ARK803AP

ARKPLUS1

ARK112SA + ARK680SE + AKR803AP

ARKPLUS2

ARK112SA + ARK803AP + ARK803AP

ARKPLUS3

ARK112SA + ARK112SP + 2x ARK803AP

ARKLINEA1

ARKPWB701 + AKR803AP

ARKLINEA2

ARKPWB701 + 2x ARK803AP

ARK series

ARK SERIES

ARK series represents the new speaker solution both in the professional installation sector and as an elegant home audio system.

The full-range speakers are suitable for small installations in cafes, bistros and fashion stores, or can be used as satellites in combination with the sub. A powerful DSP is installed on the amplified version of the sub. Factory presets or configurable by customer, allow maximum flexibility of use.

A sturdy plywood cabinet and a scratch-resistant coating round out the design. Mounting brackets are included.

The DAD logo on the grille can be rotated rapidly for both vertically and horizontally installation.



ARK105MP



ARK105MP

2-way passive loudspeaker, 120W AES, 114dB SPL

- Low frequency: 5" woofer/0.75" v.c.
- High frequency: 1" driver / 1.5" v.c.
- Frequency response: 75-18000 Hz (± 3 dB)
- ARK105MP full range speakers are suitable for small installations or can be used as satellites in combination with the passive or active sub.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

Versions:

ARK105MPBK (Black finish) **ARK105MPWH** (White finish)



5"



1"



140°x140°



WALL MOUNT



DEDICATED PRESET

ARK105MP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 5" woofer/1.5" v.c.
- High frequency: 1" driver/1" v.c.

FEATURES

- AES/program power: 120/240W
- SPL max: 114dB @1m (free field)
- Sensitivity: 89dB @1W/1m (free field)
- Impedence: 16 Ohm
- SPL cont/peak: 108/114dB @1m (free field)
- Frequency response: 75-18000Hz (± 3 dB)
- Coverage angle HxV: 140x140°
- Cross over frequency: 2300Hz
- Protection: H.F. signal compression
- Suggest HPF range: 140/180Hz
- Recommended amplifier up to: 240W /16Ohm

ACOUSTICAL SPECIFICATIONS

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole - terminal clamp IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 12mm plywood
- Sospension system: wall brakets (included)
- Angle: 7.5° trapezoidal taper

PHYSICAL

- Dimensions (WxHxD): 186x310x208mm
- Weight: 5.9kg

ARK106MP



6"

1"

140°x140°

WALL MOUNT

DEDICATED PRESET



ARK106MP

2-way passive loudspeaker, 120W AES, 116dB SPL

- Low frequency: 6" woofer/0.75" v.c.
- High frequency: 1" driver / 1.5" v.c.
- Frequency response: 75-18000 Hz (± 3 dB)
- ARK106 full range speakers are suitable for small installations or can be used as satellites in combination with the passive or active sub.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

Versions:

ARK106MPBK (Black finish) **ARK106MPWH** (White finish)

ARK106MP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 6" woofer/1.5" v.c.
- High frequency: 1" driver/1" v.c.

FEATURES

- AES/program power: 120/240W
- SPL max: 116dB @1m (free field)
- ACOUSTICAL SPECIFICATIONS
- Sensitivity: 92dB @1W/1m (free field)
- Impedence: 16 Ohm
- SPL cont/peak: 110/116dB @1m (free field)
- Frequency response: 75-18000Hz (± 3 dB)
- Coverage angle HxV: 140x140°
- Cross over frequency: 2500Hz
- Protection: H.F. signal compression
- Suggest HPF range: 120/160Hz
- Recommended amplifier up to: 240W /16Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole - terminal clamp IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 12mm plywood
- Sospension system: wall brackets (included)
- Angle: 7.5° trapezoidal taper

PHYSICAL

- Dimensions (WxHxD): 201x340x233mm
- Weight: 6.5kg



ARK205MP

2-way passive loudspeaker, 240W AES, 119dB SPL

- Low frequency: 2x5 " woofer/0.75" v.c.
- High frequency: 1 " driver / 1.5" v.c.
- Frequency response: 75-18000 Hz (± 3 dB)
- ARK205MP full range speakers are suitable for small installations or can be used as satellites in combination with the passive or active sub.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

Versions:

ARK205MPBK (Black finish) **ARK205MPWH** (White finish)

ARK205MP



ARK205MP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 2x5" woofer/1.5" v.c.
- High frequency: 1" driver/1" v.c.

FEATURES

- AES/program power: 240/480W
- SPL max: 119dB @1m (free field)
- ACOUSTICAL SPECIFICATIONS
- Sensitivity: 92dB @1W/1m (free field)
- Impedence: 16 Ohm
- SPL cont/peak: 113/119dB @1m (free field)
- Frequency response: 75-18000Hz (± 3 dB)
- Coverage angle HxV: 140x140°
- Cross over frequency: 2200Hz
- Protection: H.F. signal compression
- Suggest HPF range: 140/180Hz
- Recommended amplifier up to: 480W /16Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole - terminal clamp IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 12mm plywood
- Sospension system: wall brakets (included)
- Angle: 7.5° trapezoidal taper

PHYSICAL

- Dimensions (WxHxD): 186x438x208mm
- Weight: 8.6kg



ARK206MP

2-way passive loudspeaker, 240W AES, 122dB SPL

- Low frequency: 2x6" woofer/0.75" v.c.
- High frequency: 1" driver / 1.5" v.c.
- Frequency response: 65-18000 Hz (± 3 dB)
- ARK206MP full range speakers are suitable for small installations or can be used as satellites in combination with the passive or active sub.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

Versions:

ARK206MPBK (Black finish) **ARK206MPWH** (White finish)

ARK206MP



ARK206MP TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 2x6" woofer/1.5" v.c.
- High frequency: 1" driver/1" v.c.

FEATURES

- AES/program power: 240/480W
- SPL max: 122dB @1m (free field)
- Sensitivity: 95dB @1W/1m (free field)
- Impedence: 16 Ohm
- SPL cont/peak: 116/122dB @1m (free field)
- Frequency response: 65-18000Hz (± 3 dB)
- Coverage angle HxV: 140x140°
- Cross over frequency: 2100Hz
- Protection: H.F. signal compression
- Suggest HPF range: 120/160Hz
- Recommended amplifier up to: 480W /16Ohm

ACOUSTICAL SPECIFICATIONS

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole - terminal clamp IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 12mm plywood
- Sospension system: wall brakets (included)
- Angle: 7.5° trapezoidal taper

PHYSICAL

- Dimensions (WxHxD): 202x498x233mm
- Weight: 9.5kg



ARK205MP

Active sub woofer 600W with 2x300W/4 Ohm stereo output.

- Low frequency: 2x8 " woofer/2" v.c.
- Frequency response:40/200 Hz (± 3 dB)
- Adjustable Crossover: LPF:80/120 Hz - HPF 22, 80,125 Hz
- Can be used with full range speakers in the ARK series.
- Possible combinations ARK1200SA + 2 x ARK105 / 106 / 205 / 206, up to 4 for each channel.
- Birch plywood enclosure.

Versions:

ARK1200SABK (Black finish)

ARK1200SAWH (White finish)

ARK1200SA



2x8"



DIGITAL AMP



ANALOG PROC



140°x140°



WALL MOUNT



LPF CONTROL



OUT HPF

ARK1200SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer with amplified stereo out

COMPONENTS

- Low frequency: 2x8" woofer/2" v.c.

FEATURES

- Amplified subwoofer: Built-in amp LF 600 + MF/HF 2x300W 4Ohm
- Adjustable crossover: LPF:80/165 Hz - HPF 22, 80,125 Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 120/126dBdB @1m (free field)
- Frequency response: 40/200Hz (± 3 dB)
- Coverage angle HxV: omnidirectional

ELECTRONICS

- Amplifier: Digital
- Power: 600+2x300W /4Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm, pin RCA unbal.
- Output signal: 2 x 4 pole
- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 15mm plywood
- Suspension system: wall brackets (included)

PHYSICAL

- Dimensions (WxHxD): 500x246x325mm
- Weight: 14.5kg

ARK208S



ARK208SA

Bass-reflex active subwoofer,
2x700W D-class amplifier,
121dB SPL

- Low frequency: 2x8" woofer/2" v.c.
- Frequency response: 40-200 Hz (±3dB)
- Built-in DSP: fully adjustable
- ARK208SA amplified subwoofer speaker can drive up to 4 full range speakers of the ARK series plus an additional ARK208SP passive subwoofer.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

Versions:

ARK208SABK (Black finish)
ARK208SAWH (White finish)

ARK208SP

Bass reflex passive subwoofer,
300W AES, 122dB SPL

- Low frequency: 2x8" woofer/2" v.c.
- Frequency response: 50-200 Hz (±3dB)
- ARK208SP subwoofer speaker is the ideal complement to the full range speakers for reinforcing low notes.
- The DAD logo on the grille can be rotated rapidly for the both vertically and horizontally installation.
- Birch plywood enclosure.

ARK208SPBK (Black finish)

ARK208SPWH (White finish)



2X8"



DIGITAL AMP*



DIGITAL PROC*



OMNI



WALL MOUNT



DEDICATED PRESET**

ARK208S TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer

COMPONENTS

- Low frequency: 2x8" woofer/2" v.c.

FEATURES

- Built-in amp LF/MF-HF: 700+700W /4Ohm

- Built-in DSP: fully adjustable

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 116/122dB @1m (free field)

- Frequency response: 40-200Hz (±3dB)

- Coverage angle HxV: omnidirectional

- Suggest LPF range: 120/200Hz

ELECTRONICS

- Amplifier: digital

- Power: 700+700W /4Ohm

- Input sensitivity: 4 dBu (1,228Vrms) adjustable

- Protection: limiter temp.

- User controls: volume

- Built-in DSP: 26/56bit

- Operating voltage/frequency: 220 V~240 V/50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT

- Output signal: 2 x 4 pole

- Data: RJ485 port

- Power connection: powerCON IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 12mm plywood

- Suspension system: wall brackets (included)

PHYSICAL

- Dimensions (WxHxD): 500x246x235mm

- Weight: 14.5kg

ARK208S TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer

COMPONENTS

- Low frequency: 2x8" woofer/2" v.c.

FEATURES

- AES/program power: 300/600W

- SPL max: 122dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 95dB @1W/1m (free field)

- Impedance: 8 Ohm

- SPL cont/peak: 116/122dB @1m (free field)

- Frequency response: 50-200Hz (±3dB)

- Coverage angle HxV: omnidirectional

- Suggest LPF range: 120/200Hz

- Recommended amplifier up to: 600W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole - terminal clamp IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 12mm plywood

- Suspension system: wall brackets (included)

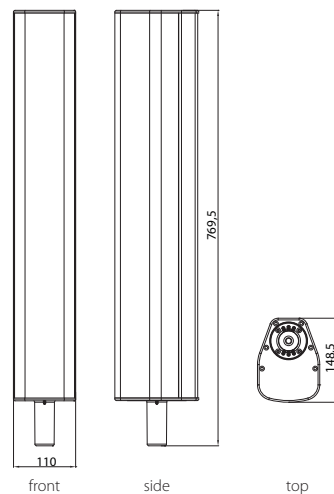
PHYSICAL

- Dimensions (WxHxD): 500x246x325mm

- Weight: 13.5kg

*active version only
**passive version only

ARK803AP - Technical Drawings



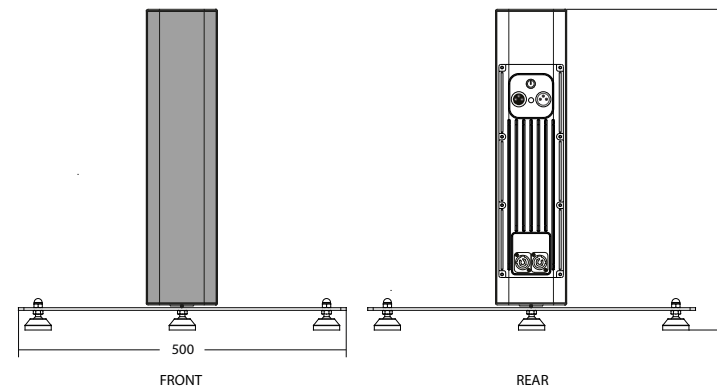
Optional accessories

ARKBASE: Metal stand for ARK803AP/ARK680SE

ARK680SE: Support element for ARK column array system

BAGARK803AP: Reinforced nylon bag for the protection/transport of a pair of ARK803

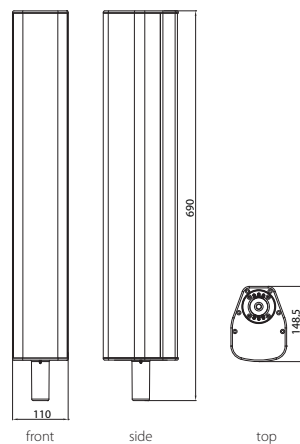
ARKPWB701 - Technical Drawings



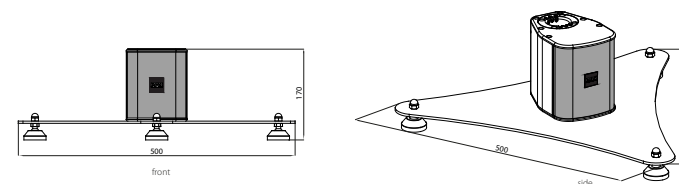
Optional accessories

ARK680SE: Support element for ARK column array system

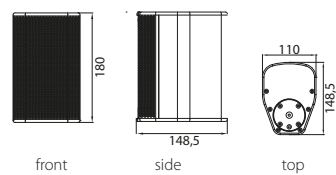
ARK680SE - Technical Drawings



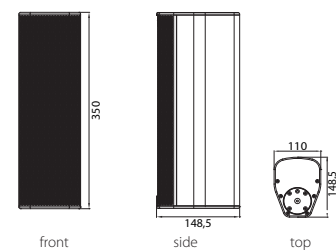
ARKBASE - Technical Drawings



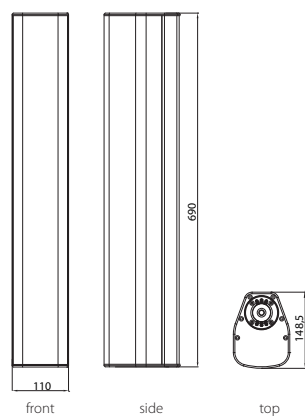
ARK203MP - Technical Drawings



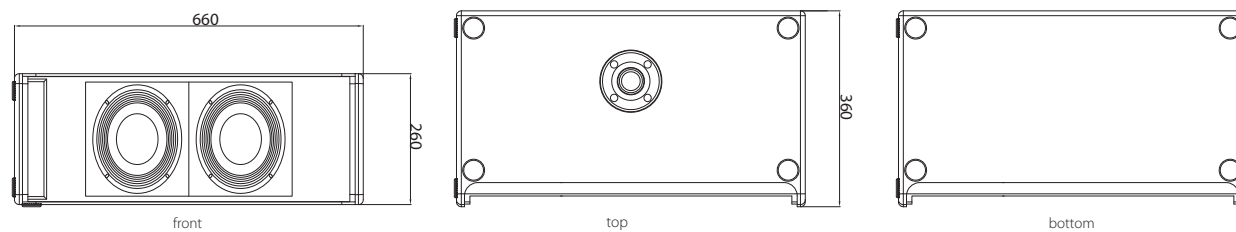
ARK403MP - Technical Drawings



ARK803MP - Technical Drawings



ARK2V8SA / ARK2V8SP - Technical Drawings

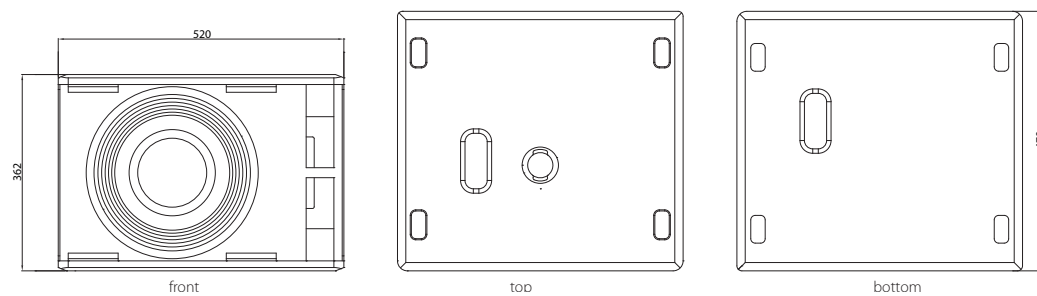


Optional accessories

ARK680SE: Support element for ARK column array system

BAGARK2V8: Reinforced nylon bag for the protection/transport of one piece of ARK2V8

ARK112SA / ARK112SP - Technical Drawings

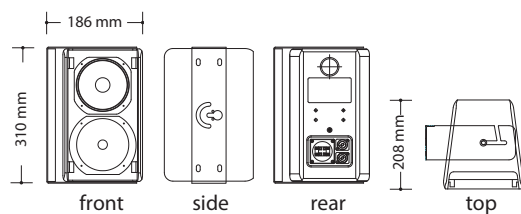


Optional accessories

ARK680SE: Support element for ARK column array system

BAGARK112: Reinforced nylon bag for the protection/transport of one piece of ARK112

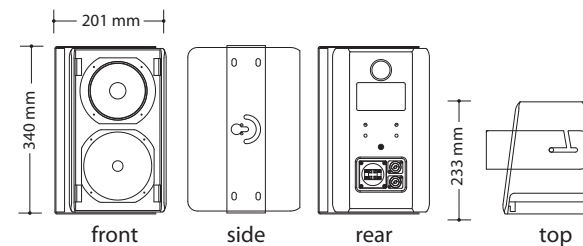
ARK105MP - Technical Drawings



Optional accessories

ARKWMS10: Adjustable bracket on three axes for ARK series speakers, max 10 kg

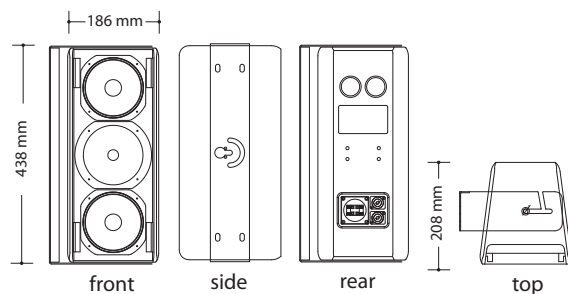
ARK106MP - Technical Drawings



Optional accessories

ARKWMS10: Adjustable bracket on three axes for ARK series speakers, max 10 kg

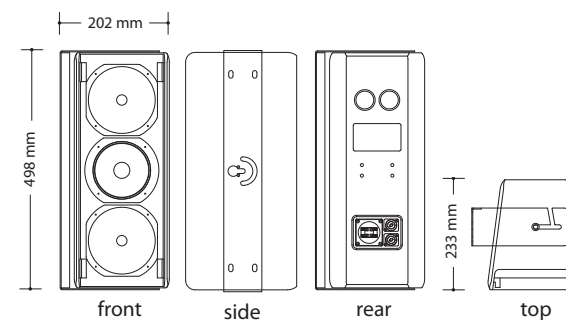
ARK205MP - Technical Drawings



Optional accessories

ARKWMS10: Adjustable bracket on three axes for ARK series speakers, max 10 kg

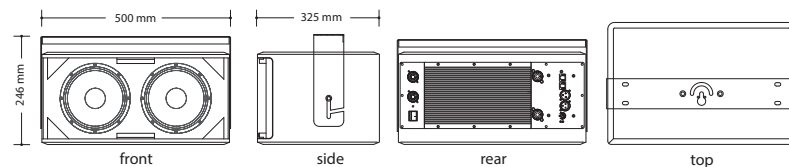
ARK206MP - Technical Drawings



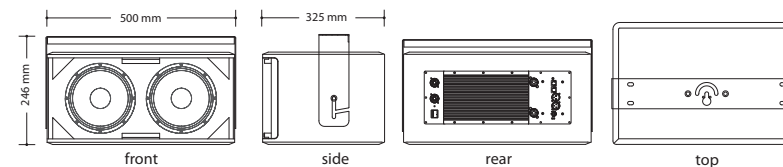
Optional accessories

ARKWMS10: Adjustable bracket on three axes for ARK series speakers, max 10 kg

ARK1200SA - Technical Drawings



ARK208SA / ARK208SP - Technical Drawings



Optional accessories

ARK485EU: USB-RS485 interface for ARK DSP parameters management

LIVE series



LIVE SERIES

DAD LIVE series is composed of a complete range of speakers, available in both active and passive version, designed to deliver first-class levels of quality, sound pressure and versatility, satisfying all typical applications in professional audio. This target addressed the development of LIVE series by implementing of AB-class bi-amp technology and electroacoustic components capable of maximizing audio performance.

Full-range speakers of LIVE series employ hi-density polypropylene housing, compact and resistant to road usage. Subwoofer are assembled in multilayer birch plywood to reach a higher depth on low frequencies and avoid any resonance on response.

The complete assortment of full-range and subwoofer systems allows several possibilities of configuration. Versatility is improved by the presence of separated Line/Mic audio inputs and by features as a trapezoidal profile for stage-monitor setup, horns rotation, built-in hardware for suspension.

For sound reinforcement of outdoor venues and indoor installations, LIVE series speakers offer:

- versatility combined with the quality of reproduction and sound pressure
- extension of low frequencies and brightness on hi frequencies
- hi-density polypropylene enclosures for full-range tops and multilayer birch plywood (thickness up to 18mm) for subwoofer
- built-in hardware for suspension



LIVE8A

Active loudspeaker, AB-class bi-amp, 2-way 100W+50W, 117dB SPL

- Low frequency: 8" woofer/2"v.c.
- High frequency: 1" driver/1.3"v.c.
- Frequency response: 70-18000 Hz (± 3 dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

Versions:

LIVE8BK (Black finish)

LIVE8

2-way passive loudspeaker, 120W AES, 120dB SPL

- Low frequency: 8" woofer/2"v.c.
- High frequency: 1" driver/1.3"v.c.
- Frequency response: 75-18000 Hz (± 3 dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

LIVE8WH (White finish)

LIVE8



8"



1"



AB AMP*



ANALOG PROC*



80°x60°



RIGGING



DEDICATED PRESET**

LIVE8A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 8" woofer/2"v.c.
- High frequency: 1" driver/1.3"v.c.

FEATURES

- Built-in amp LF/HF: 100+50W /4/8Ohm
- SPL max: 117dB @1m (free field)
- Frequency response: 70-18000Hz (± 3 dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 3500Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 111/117dB @1m (free field)
- Frequency response: 70-18000Hz (± 3 dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 3500Hz

ELECTRONICS

- Amplifier: AB class
- Power: 100+50W /4/8Ohm
- Input sensitivity: -2 dBu (0,6Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount
- Angle: 60° monitor applications

PHYSICAL

- Dimensions (WxHxD): 255x435x245mm
- Weight: 9.5kg

LIVE8 TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 8" woofer/2"v.c.
- High frequency: 1" driver/1.3"v.c.

FEATURES

- AES/program power: 120/240W
- SPL max: 120dB @1m (free field)
- Sensitivity: 94dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 114/120dB @1m (free field)
- Frequency response: 75-18000Hz (± 3 dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2000Hz
- Recommended amplifier up to: 240W /8Ohm

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 94dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 114/120dB @1m (free field)
- Frequency response: 75-18000Hz (± 3 dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2000Hz
- Recommended amplifier up to: 240W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount
- Angle: 60° monitor applications

PHYSICAL

- Dimensions (WxHxD): 255x435x245mm
- Weight: 8kg

*active version only
**passive version only



LIVE10A

Active loudspeaker, AB-class bi-amp, 2-way 250W+50W, 122dB SPL

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.
- Frequency response: 65-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

LIVE10

2-way passive loudspeaker, 250W AES, 125dB SPL

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.
- Frequency response: 70-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

LIVE10



10"



1"



AB AMP*



ANALOG PROC*



80°x60°



RIGGING



DEDICATED PRESET**

LIVE10A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.

FEATURES

- Built-in amp LF/HF: 250+50W /4/8Ohm
- SPL max: 122dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2500Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 116/122dB @1m (free field)
- Frequency response: 65-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2500Hz

ELECTRONICS

- Amplifier: AB class
- Power: 250+50W /4/8Ohm
- Input sensitivity: -2 dBu (0,6Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount

- Angle: 60° monitor applications

- Handles: 1 on side

PHYSICAL

- Dimensions (WxHxD): 330x557x313mm
- Weight: 20.5kg

LIVE10 TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 10" woofer/2.6"v.c.
- High frequency: 1" driver/1.3"v.c.

FEATURES

- AES/program power: 250/500W
- SPL max: 125dB @1m (free field)
- Sensitivity: 95dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 119/125dB @1m (free field)
- Frequency response: 70-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2200Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 500W /8Ohm

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 95dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 119/125dB @1m (free field)
- Frequency response: 70-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2200Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 500W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount
- Angle: 60° monitor applications
- Handles: 1 on side

- Angle: 60° monitor applications

- Handles: 1 on side

PHYSICAL

- Dimensions (WxHxD): 330x557x313mm
- Weight: 15.8kg

*active version only

**passive version only



LIVE12A

Active loudspeaker, AB-class bi-amp, 2-way 330W+70W, 124dB SPL

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 50-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

LIVE12

2-way passive loudspeaker, 300W AES, 129dB SPL

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 55-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

LIVE12



12"



1"



AB AMP*



ANALOG PROC*



80°x60°



RIGGING



DEDICATED PRESET**

LIVE12A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- Built-in amp LF/HF: 330+70W /4/8Ohm
- SPL max: 128dB @1m (free field)
- Frequency response: 50-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2200Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 122/128dB @1m (free field)
- Frequency response: 50-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2200Hz

ELECTRONICS

- Amplifier: AB class
- Power: 330+70W /4/8Ohm
- Input sensitivity: -2 dBu (0,6Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount
- Angle: 45° monitor applications
- Handles: 1 on side

PHYSICAL

- Dimensions (WxHxD): 416x615x356mm
- Weight: 25.5kg

LIVE12 TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 12" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- AES/program power: 300/600W
- SPL max: 129dB @1m (free field)
- Sensitivity: 98dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 123/129dB @1m (free field)
- Frequency response: 55-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2000Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 600W /8Ohm

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 123/129dB @1m (free field)
- Frequency response: 55-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2000Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 600W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount
- Angle: 45° monitor applications
- Handles: 1 on side

PHYSICAL

- Dimensions (WxHxD): 416x615x365mm
- Weight: 21kg

*active version only
**passive version only



LIVE15A

Active loudspeaker, AB-class bi-amp, 2-way 380W+70W, 124dB SPL

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 45-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

LIVE15

2-way passive loudspeaker, 350W AES, 129.5dB SPL

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 50-18000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Polypropylene enclosure, designed for stage-monitor application
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications

LIVE15



15"



1"



AB AMP*



ANALOG PROC*



80°x60°



RIGGING



DEDICATED PRESET**

LIVE15A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- Built-in amp LF/HF: 380+70W /4/8Ohm
- SPL max: 128dB @1m (free field)
- Frequency response: 45-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2600Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 122/128dB @1m (free field)
- Frequency response: 45-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 2600Hz

ELECTRONICS

- Amplifier: AB class
- Power: 380+70W /4/8Ohm
- Input sensitivity: -2 dBu (0,6Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount
- Angle: 45° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 475x740x400mm
- Weight: 30kg

LIVE15 TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 15" woofer/3"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- AES/program power: 350/700W
- SPL max: 129dB @1m (free field)
- Sensitivity: 98dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 123/129dB @1m (free field)
- Frequency response: 50-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 1700Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 700W /8Ohm

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- Impedence: 8
- SPL cont/peak: 123/129dB @1m (free field)
- Frequency response: 50-18000Hz (±3dB)
- Coverage angle HxV: 80x60°
- Cross over frequency: 1700Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 700W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: eyebolt, 35 mm pole mount
- Angle: 45° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 475x740x400mm
- Weight: 25kg

*active version only

**passive version only



LIVE12SA

Bass-reflex active subwoofer, 600W AB-class amplifier, 126dB SPL

- Low frequency: 12" woofer/3"v.c.
- Frequency response: 50-200 Hz (± 3 dB)
- Adjustable crossover: LPF: 80/165 Hz - HPF 22, 80, 125 Hz
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Sound reinforcement in permanent installations or mobile sets
- Birch plywood enclosure

LIVE12SA



12"



AB AMP



ANALOG PROC



OMNI



RIGGING



LPF CONTROL



OUT HPF

LIVE12SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer

COMPONENTS

- Low frequency: 12" woofer/3"v.c.

FEATURES

- Built-in amp LF: 600W /8 Ohm
- Adjustable crossover: LPF: 80/165 Hz - HPF 22, 80, 125 Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 118/126dB @1m (free field)
- Frequency response: 50-200Hz (± 3 dB)
- Coverage angle HxV: omnidirectional
- Cross over frequency: LPF: 80/165 Hz - HPF 22, 80, 125 Hz

ELECTRONICS

- Amplifier: AB class
- Power: 600W /8Ohm
- Input sensitivity: -2 dBu (0,6Vrms) adjustable
- Protection: limiter temp.
- User controls: master, LPF, HPF, phase, limit
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm, pin RCA unbal.
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, 35 mm pole mount
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 480x400x590mm
- Weight: 32kg



LIVE15SA

Double-reflex active subwoofer, 600W AB-class amplifier, 130dB SPL

- Low frequency: 15" woofer/4"v.c.
- Frequency response: 45-200 Hz (±3dB)
- Adjustable crossover: LPF: 80/165 Hz - HPF 22, 80, 125 Hz
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Sound reinforcement in permanent installations or mobile sets
- Birch plywood enclosure

LIVE15S

Double-reflex passive subwoofer, 500W AES, 130dB SPL

- Low frequency: 15" woofer/4"v.c.
- Frequency response: 45-200 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Sound reinforcement in permanent installations or mobile sets
- Birch plywood enclosure

LIVE15S



15"



ANALOG PROC*



AB AMP*



OMNI



RIGGING



LPF CONTROL



OUT HPF

LIVE15SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer dual reflex

COMPONENTS

- Low frequency: 15" woofer/4"v.c.

FEATURES

- Built-in amp LF: 600W /8 Ohm
- Adjustable crossover: LPF: 80/165 Hz - HPF 22, 80, 125 Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 124/130dB @1m (free field)
- Frequency response: 45-200Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Cross over frequency: LPF: 80/165 Hz - HPF 22, 80, 125 Hz

ELECTRONICS

- Amplifier: AB class
- Power: 600W /8Ohm
- Input sensitivity: -2 dBu (0,6Vrms) adjustable
- Protection: limiter temp.
- User controls: master, LPF, HPF, phase, limit
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm, pin RCA unbal.

- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, 35 mm pole mount
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 500x580x720mm
- Weight: 49kg

LIVE15S TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer dual reflex

COMPONENTS

- Low frequency: 15" woofer/4"v.c.

FEATURES

- AES/program power: 500/1000W
- SPL max: 130dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 96dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 124/130dB @1m (free field)

- Frequency response: 45-200Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Suggest LPF range: 80/165Hz
- Recommended amplifier up to: 1000W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, 35 mm pole mount
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 500x580x600mm
- Weight: 42kg

*active version only
**passive version only



LIVE18SA

Double-reflex active subwoofer, 600W AB-class amplifier, 130dB SPL

- Low frequency: 18" woofer/4"v.c.
- Frequency response: 40-200 Hz (±3dB)
- Adjustable crossover: LPF: 80/165 Hz - HPF 22, 80, 125 Hz
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Sound reinforcement in permanent installations or mobile sets
- Birch plywood enclosure

LIVE18S

Double-reflex passive subwoofer, 500W AES, 130dB SPL

- Low frequency: 18" woofer/4"v.c.
- Frequency response: 45-200 Hz (±3dB)
- Subwoofer for reinforcement of low frequencies in live and recorded performance
- Sound reinforcement in permanent installations or mobile sets
- Birch plywood enclosure

LIVE18S



18"



ANALOG PROC*



AB AMP*



80°x60°



RIGGING



DEDICATED PRESET**

LIVE18SA TECHNICAL DATA

LOUDSPEAKERS

- System type: active subwoofer dual reflex

COMPONENTS

- Low frequency: 18" woofer/4"v.c.

FEATURES

- Built-in amp LF: 600W /8 Ohm
- Adjustable crossover: LPF: 80/165 Hz - HPF 22, 80, 125 Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 124/130dB @1m (free field)
- Frequency response: 40-200Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Cross over frequency: LPF: 80/165 Hz - HPF 22, 80, 125 Hz

ELECTRONICS

- Amplifier: AB class
- Power: 600W /8Ohm
- Input sensitivity: -2 dBu (0,6Vrms) adjustable
- Protection: limiter temp.
- User controls: master, LPF, HPF, phase, limit
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm, pin RCA unbal.

- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, 35 mm pole mount
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 536x645x680mm
- Weight: 56kg

LIVE18S TECHNICAL DATA

LOUDSPEAKERS

- System type: passive subwoofer dual reflex

COMPONENTS

- Low frequency: 18" woofer/4"v.c.

FEATURES

- AES/program power: 500/1000W
- SPL max: 130dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 96dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 124/130dB @1m (free field)

- Frequency response: 45-200Hz (±3dB)
- Coverage angle HxV: omnidirectional
- Suggest LPF range: 80/165Hz
- Recommended amplifier up to: 1000W /8Ohm

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 18mm birchplywood
- Suspension system: eyebolt, 35 mm pole mount
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 535x645x620mm
- Weight: 47kg

*active version only
**passive version only



LIVE12SA

Active audio system, 1 subwoofer and 2 tops, D-class bi-amp, 3-way 1000W+2x250W, 130dB

- Low frequency: 15" woofer/3"v.c.
- Mid low frequency: 2x8" woofer/3"v.c.
- High frequency: 2x1" driver/1.3"v.c.
- Frequency response: 50-18000 Hz (± 3 dB)
- Adjustable crossover: LPF: 80/120 Hz - HPF 22, 80, 125 Hz
- Reproduction of voice and music for live and recorded performances
- For indoor/outdoor sound installations where quality and sound pressure are required
- For portable PA systems, mobile DJ sets and voice/multimedia applications
- Birch plywood enclosure

LIVEPACK1500D



LIVE15PACK1500D TECHNICAL DATA

LOUDSPEAKERS

- System type: stereo amplified audio system

COMPONENTS

- Low frequency: 15" woofer/4"v.c.
- Mid frequency: 2x8" midrange / 2" v.c.
- High frequency: 2x1" driver/1.3"v.c.

FEATURES

- Amplified subwoofer: Built-in amp L.F. -1000 + M.H.F. 2x250W 8Ohm
- Passive mid high: 2 unit x 150W AES
- Adjustable crossover: LPF: 80/200 Hz - HPF 22, 80, 125 Hz

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 114/120dB @1m (free field)
- Frequency response: 40-18000Hz (± 3 dB)
- Coverage angle HxV: 90x60°
- Cross over frequency: LPF: 80/200 Hz - HPF 22, 80, 125 Hz

ELECTRONICS

- Amplifier: digital
- Power: LF 1000 + MF/HF 2X250W /8Ohm
- Protection: limiter temp.
- User controls: mic, line, master, bal, eq LF-HF, phase, LPF, HPF
- Processor: analog
- Operating voltage/frequency: 100~120V/220~240V 60Hz/50Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT, jack 6.35 mm, pin RCA unbal.
- Output signal: 2 x 4 pole
- Power connection: VDE

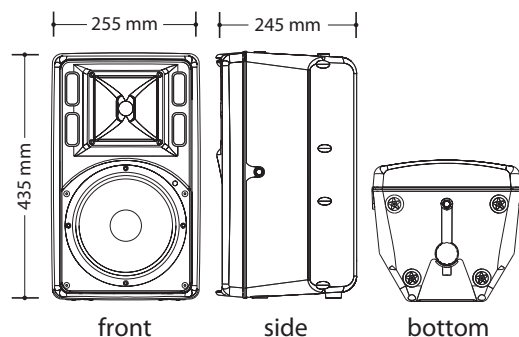
CABINET CONSTRUCTION

- Cabinet material: L.F. 18 - M.H. 15mm birchplywood
- Suspension system: eyebolt, 35 mm pole mount
- Angle: 75° unit M.H. trapezoidal taper
- Handles: L.F. unit 2 on side

PHYSICAL

- Dimensions (WxHxD): L.F. 585x450x550 - M.H. 231x420x250mm
- Weight: L.F. 40 - M.H. 2x9kg

LIVE8A / LIVE8 - Technical Drawings



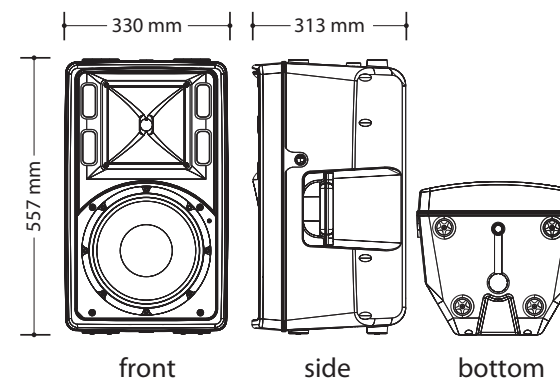
Optional accessories

BAGLIVE8: Fabric protection for LIVE8/LIVE8A

AS285: Wall bracket for LIVE8/LIVE8A speakers

ACCA5460: Lifting M6 eye-bolt, suitable for suspension of loudspeakers

LIVE10A / LIVE10 - Technical Drawings



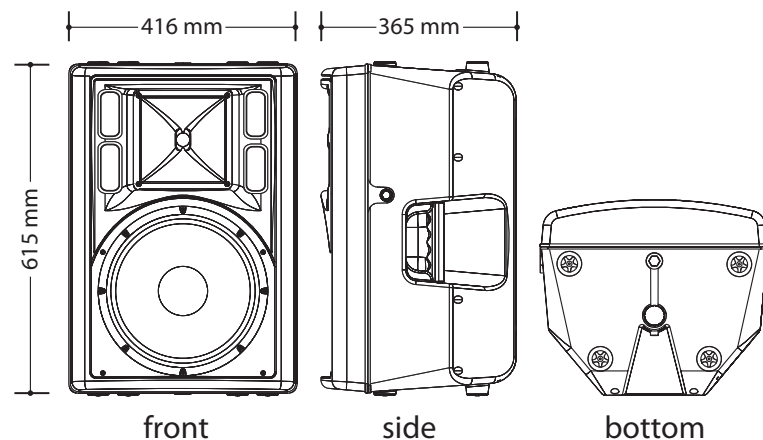
Optional accessories

BAGLIVE10: Fabric protection for LIVE10/LIVE10A

AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

ACCA5462: M8 eye-bolt suitable for suspension of loudspeakers

LIVE12A / LIVE12 - Technical Drawings



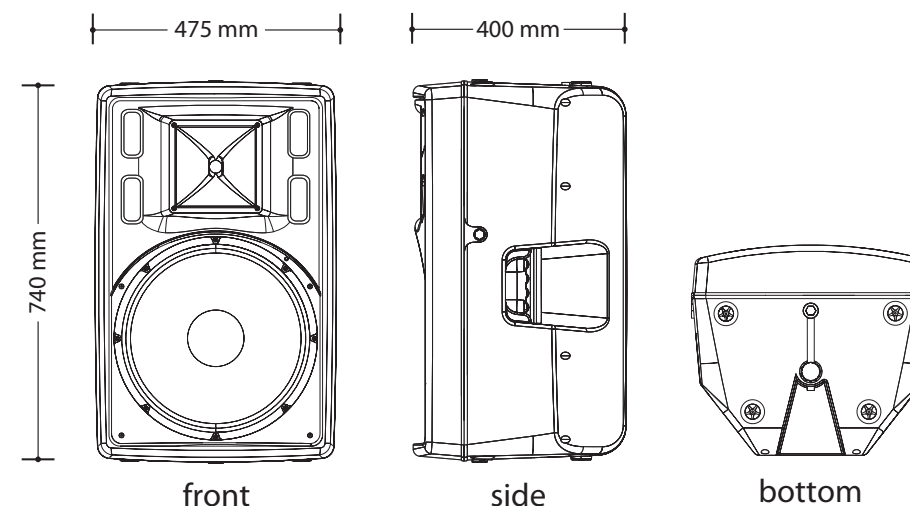
Optional accessories

BAGLIVE12: Fabric protection for LIVE12/LIVE12A

AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

ACCA5462: M8 eye-bolt suitable for suspension of loudspeakers

LIVE15A / LIVE15 - Technical Drawings



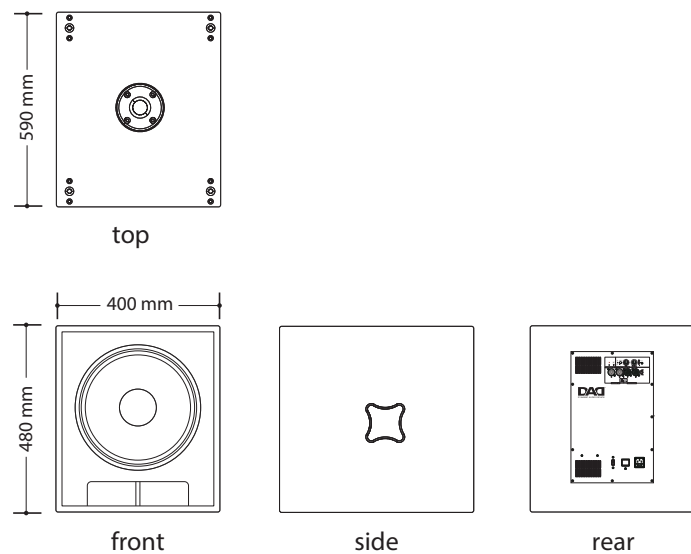
Optional accessories

BAGLIVE15: Fabric protection for LIVE15/LIVE15A

AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

ACCA5462: M8 eye-bolt suitable for suspension of loudspeakers

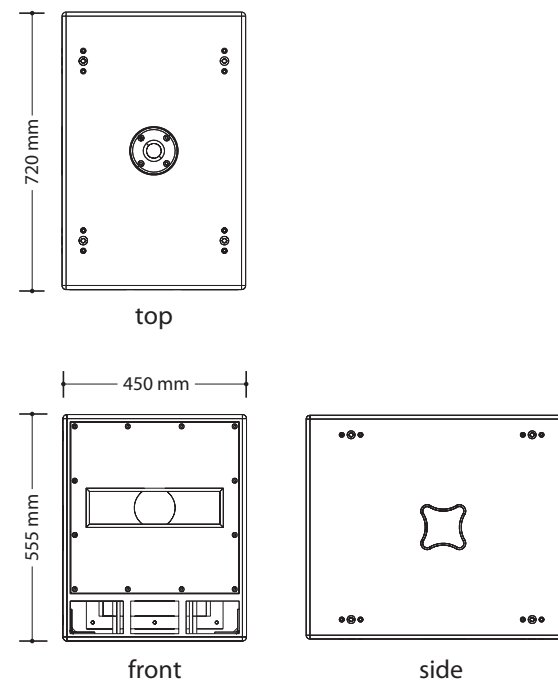
LIVE12SA - Technical Drawings



Optional accessories

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

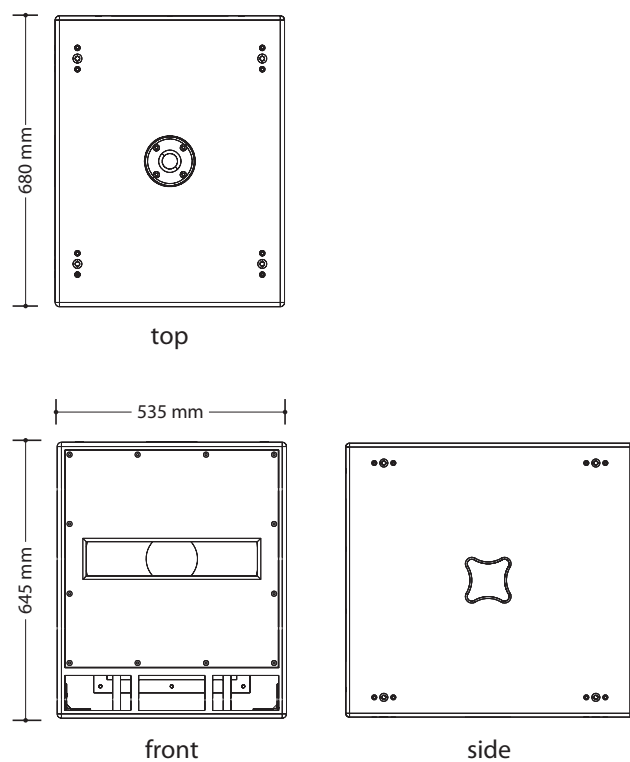
LIVE15SA / LIVE15S - Technical Drawings



Optional accessories

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

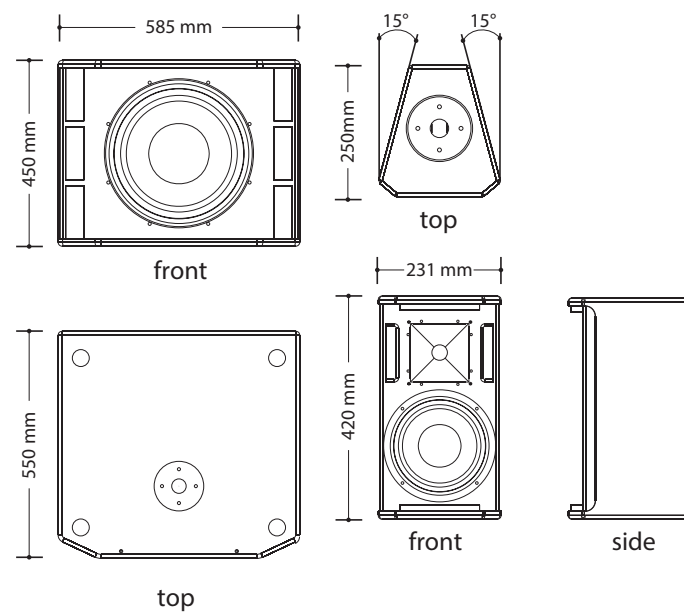
LIVE18SA / LIVE18S - Technical Drawings



Optional accessories

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

LIVEPACK1500D - Technical Drawings



Optional accessories

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

IKOS series

IKOS SERIES

The new series IKOS is composed by the most versatile, easily transportable and economic speakers IKOS that DAD can offer. Wherever you carry your music, IKOS series speakers are able to produce a powerful sound quality with a considerable saving of space and time to install.

The models IKOS 12A and IKOS 15A have a built-in MP3 player with SD card and USB port equipped with illuminated display. This simplifies their use for many types of applications such as schools, kindergartens, churches, gyms, multimedia presentations.

The USB / SD-Card-Player can be used directly or via the infrared remote control supplied from the front or the back of the speaker. Just plug in the USB stick or SD card, and leave on the music.

It is planned the connectivity to external sound sources such as microphone and CD player.

The mixer between the different audio sources is integrated and has a 5-band equalizer. Ergonomic handles and a standard 35mm support complete the versatility. Models available are 8", 10", 12" and 15" both amplified and passives, made with a new design, durable, lightweight structure.





IKOS8A

Active loudspeaker, 2-way
120W, 120dB SPL

- Low frequency: 8" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.
- Frequency response: 80-20000 Hz (±3dB)
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with a handle in the upper side
- Reproduction of voice and music for live and recorded performances
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS8P

2-way passive loudspeakers,
120W AES, 120dB SPL

- Low frequency: 8" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.
- Frequency response: 80-20000 Hz (±3dB)
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with a handle in the upper side
- Reproduction of voice and music for live and recorded performances
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS8



IKOS8A TECHNICAL DATA

LOUDSPEAKERS

- System type: active

COMPONENTS

- Low frequency: 8" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.

FEATURES

- Built-in amp: 120W /40hm

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 114/120dB @1m (free field)
- Frequency response: 80-20000Hz (±3dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 3300Hz

ELECTRONICS

- Amplifier: AB class
- Power: 120W /40hm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Operating voltage/frequency: 230 V - 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR/jack bal. pin RCA unbal
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 1 top

PHYSICAL

- Dimensions (WxHxD): 260x395x210mm
- Weight: 7.1kg

IKOS8P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 8" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.

FEATURES

- AES/program power: 120/240W
- SPL max: 120dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 93dB @1W/1m (free field)
- Impedence: 8 Ohm
- SPL cont/peak: 114/120dB @1m (free field)
- Frequency response: 80-20000Hz (±3dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 3300Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 240W

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 1 top

PHYSICAL

- Dimensions (WxHxD): 260x395x210mm
- Weight: 5kg

*active version only
**passive version only



IKOS10A

Active loudspeaker, 2-way
150W, 121dB SPL

- Low frequency: 10" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.
- Frequency response: 70/20000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with two side handles, one in the upper side and two wheels for the transport integrated
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS10P

2-way passive loudspeakers,
150W AES, 121dB SPL

- Low frequency: 10" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.
- Frequency response: 70-20000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with two side handles, one in the upper side and two wheels for the transport integrated
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS10



10"



1"



AB AMP*



ANALOG PROC*



90°x45°



RIGGING



DEDICATED PRESET**

IKOS10A TECHNICAL DATA

LOUDSPEAKERS

- System type: active

COMPONENTS

- Low frequency: 10" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.

FEATURES

- Built-in amp: 150W /40hm

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 115/121dB @1m (free field)
- Frequency response: 70/20000Hz (±3dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 3000Hz

ELECTRONICS

- Amplifier: AB class
- Power: 150W /40hm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Operating voltage/frequency: 230 V - 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR/jack bal. pin RCA unbal
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 2 on side, 1 top

PHYSICAL

- Dimensions (WxHxD): 345x505x265mm
- Weight: 9.5kg

IKOS10P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 10" woofer/1.5"v.c.
- High frequency: 1" driver/1.4"v.c.

FEATURES

- AES/program power: 150/300W
- SPL max: 121dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 94dB @1W/1m (free field)
- Impedence: 8 Ohm
- SPL cont/peak: 115/121dB @1m (free field)
- Frequency response: 70-20000Hz (±3dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 3000Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 300W

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Sospension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 1 top

PHYSICAL

- Dimensions (WxHxD): 345x505x265mm
- Weight: 7.4kg

*active version only

**passive version only



IKOS12A

Active loudspeaker, bi-amp, 2-way 250+50W, 126dB SPL

- Low frequency: 12" woofer/2"v.c.
- High frequency: 1" driver/1.4"v.c.
- Frequency response: 60/20000 Hz (± 3 dB)
- Media player: MP3-SD card with remote controller
- Reproduction of voice and music for live and recorded performances
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with two side handles, one in the upper side and two wheels for the transport integrated
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS12P

2-way passive loudspeakers, 250W AES, 126dB SPL

- Low frequency: 12" woofer/2"v.c.
- High frequency: 1" driver/1.4"v.c.
- Frequency response: 60-20000 Hz (± 3 dB)
- Reproduction of voice and music for live and recorded performances
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with two side handles, one in the upper side and two wheels for the transport integrated
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS12



12"



1"



AB AMP*



ANALOG PROC*



90°x45°



RIGGING



DEDICATED PRESET**

IKOS12A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 12" woofer/2"v.c.
- High frequency: 1" driver/1.4"v.c.

FEATURES

- Built-in amp LF/HF: 250+50W /4/8Ohm
- Media player: MP3-SD card with remote controller

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 120/126dB @1m (free field)
- Frequency response: 60/20000Hz (± 3 dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 2500Hz

ELECTRONICS

- Amplifier: AB class
- Power: 250+50W /4/8Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Media player: MP3-SD card with remote controller
- Operating voltage/frequency: 230 V - 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR/jack bal. pin RCA unbal
- Data: USB port
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 3mm polypropylene
- Suspension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 380x590x315mm
- Weight: 12.2kg

IKOS12P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 12" woofer/2"v.c.
- High frequency: 1" driver/1.4"v.c.

FEATURES

- AES/program power: 250/500W
- SPL max: 126dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 98dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 120/126dB @1m (free field)
- Frequency response: 60-20000Hz (± 3 dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 2500Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 500W

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Suspension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 380x590x315mm
- Weight: 9.2kg

*active version only
**passive version only



IKOS15A

Active loudspeaker, bi-amp, 2-way 300+50W, 127dB SPL

- Low frequency: 15" woofer/2.5"v.c.
- High frequency: 1" driver/1.4"v.c.
- Frequency response: 50/20000 Hz (±3dB)
- Media player: MP3-SD card with remote controller
- Reproduction of voice and music for live and recorded performances
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with two side handles, one in the upper side and two wheels for the transport integrated
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS15P

2-way passive loudspeakers, 300W AES, 127dB SPL

- Low frequency: 15" woofer/2.5"v.c.
- High frequency: 1" driver/1.7"v.c.
- Frequency response: 50-20000 Hz (±3dB)
- Reproduction of voice and music for live and recorded performances
- Cabinet designed for stage-monitor applications
- Polypropylene box equipped with two side handles, one in the upper side and two wheels for the transport integrated
- For portable PA systems, mobile DJ sets and voice/multimedia applications

IKOS15



15"



1"



AB AMP*



ANALOG PROC*



90°x45°



RIGGING



DEDICATED PRESET**

IKOS15A TECHNICAL DATA

LOUDSPEAKERS

- System type: active 2 way

COMPONENTS

- Low frequency: 15" woofer/2.5"v.c.
- High frequency: 1" driver/1.4"v.c.

FEATURES

- Built-in amp LF/HF: 300+50W /4/8Ohm
- Media player: MP3-SD card with remote controller

ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 121/127dB @1m (free field)
- Frequency response: 50/20000Hz (±3dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 2500Hz

ELECTRONICS

- Amplifier: AB class
- Power: 300+50W /4/8Ohm
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: limiter temp.
- User controls: mic, line, master, eq LF-HF
- Media player: MP3-SD card with remote controller
- Operating voltage/frequency: 230 V - 50 Hz

INPUT/OUTPUT CONNECTORS

- Input signal: XLR/jack bal. pin RCA unbal
- Data: USB port
- Power connection: VDE

CABINET CONSTRUCTION

- Cabinet material: 3mm polypropylene
- Suspension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 2 on side

PHYSICAL

- Dimensions (WxHxD): 445x690x380mm
- Weight: 16.2kg

IKOS15P TECHNICAL DATA

LOUDSPEAKERS

- System type: passive 2 way

COMPONENTS

- Low frequency: 15" woofer/2.5"v.c.
- High frequency: 1" driver/1.7"v.c.

FEATURES

- AES/program power: 300/600W
- SPL max: 127dB @1m (free field)

ACOUSTICAL SPECIFICATIONS

- Sensitivity: 99dB @1W/1m (free field)
- Impedance: 8 Ohm
- SPL cont/peak: 121/127dB @1m (free field)
- Frequency response: 50-20000Hz (±3dB)
- Coverage angle HxV: 90x45°
- Cross over frequency: 2500Hz
- Protection: H.F. signal compression
- Recommended amplifier up to: 600W

INPUT/OUTPUT CONNECTORS

- Input signal: 4pole IN/OUT

CABINET CONSTRUCTION

- Cabinet material: 4mm polypropylene
- Suspension system: 35 mm mounting pole
- Angle: 45° monitor applications
- Handles: 2 on side

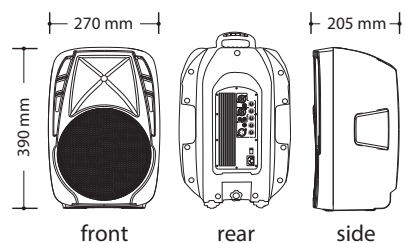
PHYSICAL

- Dimensions (WxHxD): 445x690x380mm
- Weight: 13.2kg

*active version only

**passive version only

IKOS8A / IKOS8P - Technical Drawings



Optional accessories

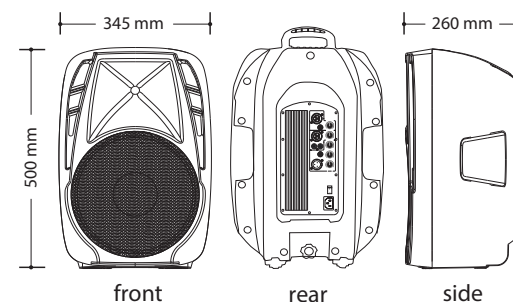
BAGIKOS8: Fabric protection for IKOS8/IKOS8A

AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

SP20: Adjustable speaker pole, 35mm, H.90-140cm, 40kg max

IKOS10A / IKOS10P - Technical Drawings



Optional accessories

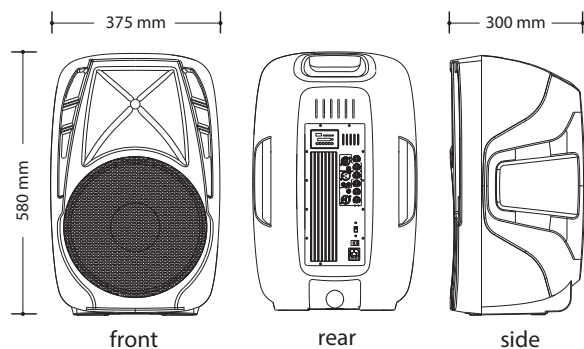
BAGIKOS10: Fabric protection for IKOS10/IKOS10A

AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

SP20: Adjustable speaker pole, 35mm, H.90-140cm, 40kg max

IKOS12A / IKOS12P - Technical Drawings



Optional accessories

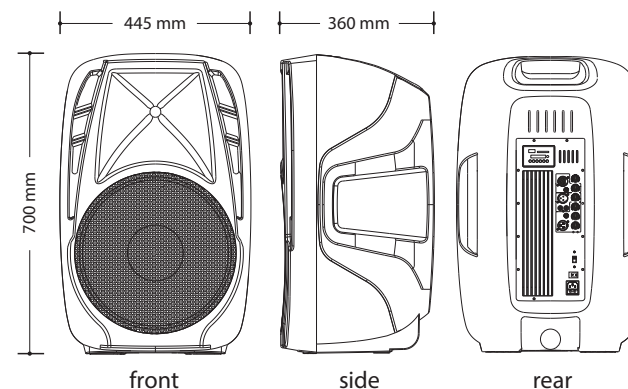
BAGIKOS12: Fabric protection for IKOS12/IKOS12A

AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

SP20: Adjustable speaker pole, 35mm, H.90-140cm, 40kg max

IKOS15A / IKOS15AP - Technical Drawings



Optional accessories

BAGIKOS15: Fabric protection for IKOS15/IKOS15A

AS255: Wall mount support for acoustic speakers, horiz. & vertical, max load 60 kg

AS210: Support for 2 speakers, 35mm clutch, min extension 43cm, max 71cm, 40 max load

SP20: Adjustable speaker pole, 35mm, H.90-140cm, 40kg max

AMPLIFIERS

AMPLIFIERS

In the wide field of professional audio amplifying and control devices have an essential role to enhance and maximize features of PA systems.

For this reason power amplifiers are requested with specifications and features corresponding with the requirements of the applications they are designed for.

The whole of these requirements from live music to permanent installation has a mixed and heterogeneous amplitude, ranging from high power values with limited weight up to possibility of controlling to the highest levels of precision in a remotely controlled environment.

DAD range of amplifying and control devices offers a wide set of valuable solutions for professional audio, implementing latest technologies and most reliable design and manufacturing techniques.



FZ10004



FZ10004 is a 4ch amplifier capable to deliver 4x2500W @2Ohm and 4x2100W @4Ohm, in 2U rack mount only. These features make it ideal for professional full-range speakers and in multi-amplified system characterized by wide dynamics and high performance. The FZ amplifiers series uses the technology of amplification in Class I with SMPS power stage. The operation in Class I is based on a continuous and automatic adjustment of the value of the supply voltage of the final stage. This optimizes the efficiency up to 85%, reducing the weight and heat dissipation compared with other amplifiers which deliver same output.

The models of FZ series are able to operate with loads from 2Ohm and are equipped with an extensive set of protection circuits to satisfy the higher reliability parameters with a high-quality profile for fixed and mobile sonorizations.

- Channels: 4
- Circuit class: Analog I class
- Single channel power: 1300/2100/2500 W 8/4/2 Ohm
- Bridge mode power: 2x5000 W 4 Ohm
- Rack unit: 2
- Weight: 13.50 kg

TECHNICAL DATA

AMPLIFIER

- Channels: 4
- Circuit class: analog I class

OUTPUT

- Single channel power: 1300/2100/2500W 8/4/2 Ohm
- Bridge mode power: 2x5000W 4 Ohm

AUDIO SPECIFICATIONS

- Frequency response: 6.8 - 34000Hz @ 8 Ohm (-3 dB)
- THD+N:
- Slew rate: >20V/μs @ 8Ω
- Input impedance: 20kΩ
- Signal/Noise rate: >112dB

POWER SUPPLY STAGE

- Operating voltage/frequency: 220 V ±10%, 50Hz

PROTECTIONS

- Output: Voltage limiter, soft-start, short circuit, DC, overheat, VHF, LHF, power limiter

FUNCTIONS

- Input mode: bridge
- Input sensitivity/gain: 23/26/29/32/35/38/41/44dB

INPUT/OUTPUT CONNETTORS

- Input signal: XLR in
- Output signal: 4 x 4 pole out
- Power connection: PowerCON

PHYSICAL

- Cooling: forced air with low noise fan
- Dimensions (WxHxD): 482x88x430mm
- Weight: 13.50kg

TDX series

The TDX amplifier series employs amplification technology in Class I and power stage with a toroidal transformer. The operation in Class I is based on a continuous and automatic adjustment of the value of the supply voltage of the final stage. This optimizes the efficiency up to 85%, reducing the weight with the same power and heat dissipation. The models of the TDX series are able to operate with loads from 2Ohm and are equipped with an extensive set of protection circuits to satisfy the higher reliability parameters with fixed and mobile high-quality profile sonorizations.



TDX3600

- The first model of TDX series, with single channel power of 850/1350/1850 W 8/4/2 Ohm
- Bridge mode power: 3600 W 4 Ohm
- These specifications make TDX3600 suitable for professional full-range loudspeakers and MF/HF sections of multi-amplified systems requiring wide dynamics and advanced performance.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none">▪ Channels: 2▪ Circuit class: analog I class OUTPUT <ul style="list-style-type: none">▪ Single channel power: 850/1350/1850W 8/4/2 Ohm▪ Bridge mode power: 3600W 4 Ohm AUDIO SPECIFICATIONS <ul style="list-style-type: none">▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB)▪ THD+N:▪ Damping factor: >300▪ Input impedance: 10kΩ▪ Signal/Noise rate: >100dB POWER SUPPLY STAGE <ul style="list-style-type: none">▪ Operating voltage/frequency: 220 V $\pm 10\%$, 50Hz	PROTECTIONS <ul style="list-style-type: none">▪ Input: Clip/limit, progressive volume▪ Output: Soft-start, short circuit, DC, overheat FUNCTIONS <ul style="list-style-type: none">▪ Input mode: stereo, parallel, bridge / limiter▪ Input sensitivity/gain: 1Vrms/32dB/38dB INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none">▪ Input signal: XLR in/out▪ Output signal: 2 x 4 pole, binding post▪ Power connection: terminal with wire PHYSICAL <ul style="list-style-type: none">▪ Cooling: forced air with low noise fan▪ Dimensions (WxHxD): 483x89x451mm▪ Weight: 18.20kg



TDX7000

- TDX7000 features an output of single-channel power of 1450/2400/3300 W 8/4/2 Ohm
- Bridge mode power: 7200 W 4 Ohm
- Constant voltage: 100 V / 2x1250 W
- These features make TDX7000 the right choice for professional full-range speakers and Sub/MF/HF sections in highly demanding sound installations.
- The possibility of use in 100V systems with 2x1250W output by selecting the 1V input sensitivity.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none"> ▪ Channels: 2 ▪ Circuit class: analog I class OUTPUT <ul style="list-style-type: none"> ▪ Single channel power: 1450/2400/3300W 8/4/2 Ohm ▪ Bridge mode power: 7200W 4 Ohm ▪ Constant voltage: 100V / 2x1250 W AUDIO SPECIFICATIONS <ul style="list-style-type: none"> ▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB) ▪ THD+N: ▪ Damping factor: >300 ▪ Input impedance: 10kΩ ▪ Signal/Noise rate: >100dB POWER SUPPLY STAGE <ul style="list-style-type: none"> ▪ Operating voltage/frequency: 220 V $\pm 10\%$, 50Hz 	PROTECTIONS <ul style="list-style-type: none"> ▪ Input: Clip/limit, progressive volume ▪ Output: Soft-start, short circuit, DC, overheat FUNCTIONS <ul style="list-style-type: none"> ▪ Input mode: stereo, parallel, bridge / limiter ▪ Input sensitivity/gain: 1Vrms/32dB/38dB INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Output signal: 2 x 4 pole, binding post ▪ Power connection: terminal with wire PHYSICAL <ul style="list-style-type: none"> ▪ Cooling: forced air with low noise fan ▪ Dimensions (WxHxD): 483x89x451mm ▪ Weight: 24.50kg



TDX9000

- TDX9000 is the most powerful model of the TDX series, featuring an output of single-channel power of 1800/3000/4500 W 8/4/2 Ohm
- Bridge mode power: 9000 W 4 Ohm
- These features make TDX9000 the right choice for professional PA systems and Sub/MF/HF sections in highly demanding sound installations.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none"> ▪ Channels: 2 ▪ Circuit class: analog I class OUTPUT <ul style="list-style-type: none"> ▪ Single channel power: 1800/3000/4500W 8/4/2 Ohm ▪ Bridge mode power: 9000W 4 Ohm AUDIO SPECIFICATIONS <ul style="list-style-type: none"> ▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB) ▪ THD+N: ▪ Damping factor: >100 ▪ Input impedance: 10kΩ ▪ Signal/Noise rate: >100dB POWER SUPPLY STAGE <ul style="list-style-type: none"> ▪ Operating voltage/frequency: 220 V $\pm 10\%$, 50Hz 	PROTECTIONS <ul style="list-style-type: none"> ▪ Input: Clip/limit, progressive volume ▪ Output: Soft-start, short circuit, DC, overheat FUNCTIONS <ul style="list-style-type: none"> ▪ Input mode: stereo, parallel, bridge / limiter ▪ Input sensitivity/gain: 1Vrms/32dB/38dB INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Output signal: 2 x 4 pole, binding post ▪ Power connection: terminal with wire PHYSICAL <ul style="list-style-type: none"> ▪ Cooling: forced air with low noise fan ▪ Dimensions (WxHxD): 483x133x493mm ▪ Weight: 32kg

DP series

The innovative DAD's D-class DP amplifiers series uses an advanced design that drastically reduces the weight and dissipation of heat. Efficiency between energy consumption and output available the power is 95%. The amplifiers of DP series are designed with a new high audio resolution D-class typology.

These revolutionary amplifier series provide a superior quality sound and an unequalled reliability. Protection circuits allow greater efficiency under difficult loads and power conditions. In other words, an amplifier that doesn't hurt nor your budget nor your back!



DP1000

- Reaching a single-channel power output of 350/550 W 8/4 Ohm, employs SMPS technology for the power supply stage and class D for the output stage, weighing only 5.7 kg.
- These features make DP1000 the right choice for professional loudspeakers and for the Sub / MF / HF sections of multi-amplified systems.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none">▪ Channels: 2▪ Circuit class: digital OUTPUT <ul style="list-style-type: none">▪ Single channel power: 350/550W 8/4 Ohm▪ Bridge mode power: 1100W 8 Ohm AUDIO SPECIFICATIONS <ul style="list-style-type: none">▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB)▪ THD+N:▪ Slew rate: $>10\text{V}/\mu\text{s}$ @ 8Ω▪ Damping factor: >60▪ Input impedance: 10kΩ▪ Signal/Noise rate: >96dB POWER SUPPLY STAGE <ul style="list-style-type: none">▪ Operating voltage/frequency: 220 V $\pm 10\%$, 50Hz	PROTECTIONS <ul style="list-style-type: none">▪ Input: Clip/limit, progressive volume▪ Output: Soft-start, short circuit, DC, overheat FUNCTIONS <ul style="list-style-type: none">▪ Input mode: stereo, parallel, bridge / limiter▪ Input sensitivity/gain: 1Vrms/32dB/38dB INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none">▪ Input signal: XLR in/out▪ Output signal: 4p in/out, binding post▪ Power connection: VDE PHYSICAL <ul style="list-style-type: none">▪ Cooling: forced air with low noise fan▪ Dimensions (WxHxD): 483x89x382mm▪ Weight: 5.7kg



DP2000

- Reaching a single-channel power output of 650/1050 W 8/4 Ohm, employs SMPS technology for the power supply stage and class D for the output stage, weighing only 7.8 kg.
- These features make DP2000 the right choice for professional loudspeakers and for the Sub / MF / HF sections of multi-amplified systems.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none"> ▪ Channels: 2 ▪ Circuit class: digital OUTPUT <ul style="list-style-type: none"> ▪ Single channel power: 650/1050W 8/4 Ohm ▪ Bridge mode power: 2100W 8 Ohm AUDIO SPECIFICATIONS <ul style="list-style-type: none"> ▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB) ▪ THD+N: ▪ Slew rate: $>10V/\mu s$ @ 8Ω ▪ Damping factor: >500 ▪ Input impedance: 10kΩ ▪ Signal/Noise rate: >100dB POWER SUPPLY STAGE <ul style="list-style-type: none"> ▪ Operating voltage/frequency: 220 V $\pm 10\%$, 50Hz 	PROTECTIONS <ul style="list-style-type: none"> ▪ Input: Clip/limit, progressive volume ▪ Output: Soft-start, short circuit, DC, overheat FUNCTIONS <ul style="list-style-type: none"> ▪ Input mode: stereo, parallel, bridge / limiter ▪ Input sensitivity/gain: 1Vrms/32dB/38dB INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Output signal: 4p in/out, binding post ▪ Power connection: VDE PHYSICAL <ul style="list-style-type: none"> ▪ Cooling: forced air with low noise fan ▪ Dimensions (WxHxD): 483x89x382mm ▪ Weight: 7.8kg



DP4000

- With a single channel power of 1000/1750 W 8/4 Ohm, new DP4000 Class D is the best solution for sound applications that require a multi-channel amplifier of average power with a great sound at affordable price.
- Thanks to Universal technology, regulated switch mode with PFC (Power Factor Correction) it allows performances with supply voltages from 90V to 260V.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none"> ▪ Channels: 2 ▪ Circuit class: digital OUTPUT <ul style="list-style-type: none"> ▪ Single channel power: 1000/1750W 8/4 Ohm ▪ Bridge mode power: 3500W 8 Ohm AUDIO SPECIFICATIONS <ul style="list-style-type: none"> ▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB) ▪ THD+N: ▪ Slew rate: $>10V/\mu s$ @ 8Ω ▪ Damping factor: >500 ▪ Input impedance: 10kΩ ▪ Signal/Noise rate: >100dB POWER SUPPLY STAGE <ul style="list-style-type: none"> ▪ Operating voltage/frequency: 100-240V $\pm 10\%$, 50-60Hz 	PROTECTIONS <ul style="list-style-type: none"> ▪ Output: Soft-start, short circuit, DC, overheat ▪ Input: Clip/limit, progressive volume FUNCTIONS <ul style="list-style-type: none"> ▪ Input mode: stereo, parallel, bridge / limiter ▪ Input sensitivity/gain: 1Vrms/32dB/38dB INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Output signal: 2 x 4 pole, binding post ▪ Power connection: VDE PHYSICAL <ul style="list-style-type: none"> ▪ Cooling: forced air with low noise fan ▪ Dimensions (WxHxD): 483x89x305mm ▪ Weight: 7.3kg



DP8000

- Reaching an output power of 1500/2500/4000 W 8/4/2 Ohm, DP8000 employs SMPS technology for power-supply stage and D-class for output stage, weighing 10.8kg only.
- These features make DP8000 the right choice for professional loudspeakers and for Sub/MF/HF sections of multi-amplified systems.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none"> ▪ Channels: 2 ▪ Circuit class: digital OUTPUT <ul style="list-style-type: none"> ▪ Single channel power: 1500/2500/4000W 8/4/2 Ohm ▪ Bridge mode power: 5000/8000W 8/4 Ohm AUDIO SPECIFICATIONS <ul style="list-style-type: none"> ▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 1 dB) ▪ THD+N: ▪ Slew rate: $>10V/\mu s$ @ 8Ω ▪ Damping factor: >200 ▪ Input impedance: $10k\Omega$ ▪ Signal/Noise rate: $>100dB$ POWER SUPPLY STAGE <ul style="list-style-type: none"> ▪ Operating voltage/frequency: 220 V $\pm 10\%$, 50Hz 	PROTECTIONS <ul style="list-style-type: none"> ▪ Output: Soft-start, short circuit, DC, overheat ▪ Input: Clip/limit, progressive volume ▪ Power supply: Resettable fuse FUNCTIONS <ul style="list-style-type: none"> ▪ Input mode: stereo, parallel, bridge / limiter ▪ Input sensitivity/gain: 1Vrms/32dB/38dB ▪ HPF selector: Off/30/50Hz INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Output signal: 2 x 4 pole, binding post ▪ Power connection: PowerCON PHYSICAL <ul style="list-style-type: none"> ▪ Cooling: forced air with low noise fan ▪ Dimensions (WxHxD): 483x89x460mm ▪ Weight: 10.8kg



DP4004

- With a single channel power of 650/1100 W 8/4 Ohm, new DP4004 Class D is the best solution for sound applications that require a multi-channel amplifier of average power with a great sound at affordable price.
- Thanks to Universal technology, regulated switch mode with PFC (Power Factor Correction) it allows performances with supply voltages from 90V to 260V.

TECHNICAL DATA	
AMPLIFIER <ul style="list-style-type: none"> ▪ Channels: 4 ▪ Circuit class: digital OUTPUT <ul style="list-style-type: none"> ▪ Single channel power: 650/1100W 8/4 Ohm ▪ Bridge mode power: 2x2000W 8 Ohm AUDIO SPECIFICATIONS <ul style="list-style-type: none"> ▪ Frequency response: 20 - 20000Hz @ 8 Ohm (± 0.5 dB) ▪ THD+N: ▪ Slew rate: $>10V/\mu s$ @ 8Ω ▪ Damping factor: >500 ▪ Input impedance: $10k\Omega$ ▪ Signal/Noise rate: $>100dB$ POWER SUPPLY STAGE <ul style="list-style-type: none"> ▪ Operating voltage/frequency: 100-240V $\pm 10\%$, 50-60Hz 	PROTECTIONS <ul style="list-style-type: none"> ▪ Output: Soft-start, short circuit, DC, overheat ▪ Input: Clip/limit, progressive volume FUNCTIONS <ul style="list-style-type: none"> ▪ Input mode: stereo, parallel, bridge / limiter ▪ Input sensitivity/gain: 1Vrms/32dB/38dB INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Output signal: 4 x 4 pole, binding post ▪ Power connection: VDE PHYSICAL <ul style="list-style-type: none"> ▪ Cooling: forced air with low noise fan ▪ Dimensions (WxHxD): 483x89x435mm ▪ Weight: 9.5kg

DXZ series

The DXZ series processors combine an intuitive user interface with professional audio processing standards. Their economic convenience makes them ideal for rental companies and for various installation applications. All DXZ products feature 48 kHz sampling rate, a dynamic range of 110 dB (A) at inputs, 114 dB (A) at outputs and a maximum input level of + 23 dBu. The DXZ26 audio management system features 2 inputs and 6 outputs, while the DXZ48 system has 4 inputs and 8 outputs, each with 10 Parametric EQ bands per output and a frequency range up to 40 kHz. Parameter management is It takes place through an intuitive user interface with real-time monitoring on PC through a built-in Ethernet connection (DXZ48 - DXZ88), (while through USB connection for the DXZ26 model). The analog input allows voltages up to 10V RMS (+ 23dBu) and provides a value at the top of the category. The outputs are capable of delivering a signal up to + 12dBu (3.084V RMS), which is enough to drive even the most demanding power amplifier. The DXZ88 Matrix Zone model provides the same DXZ series DSP functionality in a 8-in-8 master mixer with full processing on each channel.



DXZ26

- Audio Management System
- 2 input 6 output.
- Full configuration and real-time monitoring via PC USB port

TECHNICAL DATA	
AUDIO PROCESSOR <ul style="list-style-type: none"> ▪ Type: Audio management system DSP FEATURES <ul style="list-style-type: none"> ▪ Input: 2 way mono ▪ Output: 3 way stereo, 6 way mono ▪ Max input level: +23dBu ▪ Frequency response: 10Hz - 40Khz +/- 3dB (filter disabled) ▪ Distorsion: ▪ Dinamic range in/out: 110dB/114dB ▪ Digital processing: 64 bit ▪ Sampling rate: 48 kHz ▪ A/D - D/A Converter: 24 bit ▪ Gain OUT: +12dB to -48dB and mute, 0.25dB steps ▪ Delay: output 2000ms ▪ Crossover Filters: Bessel, Butterworth, Linkwitz-Riley, all pass ▪ Crossover Filters Slope: 12,18 & 24dB/octave Bessel and Butterworth, 12 & 24dB/octave Linkwitz-Riley ▪ EQ frequency: 10Hz to 25kHz, 1/36 octave steps 	<ul style="list-style-type: none"> ▪ Equalizer: 10 parametric filters per input and output ▪ EQ Gain: +12dB to -12dB, 0.25dB steps ▪ EQ width: Q 25 to 0.2 - BW 4.75 to 0.06 ▪ Limiters: Adjustable threshold in 0,25dBu steps. Adjustable release in 1 dB/s steps ▪ Compressor: True RMS compressor. Adjustable threshold, attack time, release, hold ▪ Latency: 640 microseconds ▪ Memory/Presets: 50 INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Data: USB port ▪ Power connection: VDE POWER SUPPLY <ul style="list-style-type: none"> ▪ Power voltage/frequency: 80 to 240V AC, 50/60Hz PHYSICAL <ul style="list-style-type: none"> ▪ Dimensions (WxHxD): 482x44x175mm ▪ Weight: 1.7kg



DXZ48

- Matrix Processor
- 4 input 8 output
- Full configuration and real-time monitoring via PC Ethernet interface

TECHNICAL DATA	
AUDIO PROCESSOR <ul style="list-style-type: none"> ▪ Type: Matrix processor DSP FEATURES <ul style="list-style-type: none"> ▪ Input: 4 way mono ▪ Output: 4 way stereo, 8 way mono ▪ Max input level: +23dBu ▪ Frequency response: 10Hz - 40Khz +/- 3dB (filter disabled) ▪ Distorsion: ▪ Dinamic range in/out: 110dB/114dB ▪ Digital processing: 64 bit ▪ Sampling rate: 48 kHz ▪ A/D - D/A Converter: 24 bit ▪ Gain OUT: +12dB to -48dB and mute, 0.25dB steps ▪ Delay: output 2000ms ▪ Crossover Filters: Bessel, Butterworth, Linkwitz-Riley, all pass ▪ Crossover Filters Slope: 12,18 & 24dB/octave Bessel and Butterworth, 12 & 24dB/octave Linkwitz-Riley ▪ EQ frequency: 10Hz to 25kHz, 1/36 octave steps 	<ul style="list-style-type: none"> ▪ Equalizer: 10 parametric filters per input and output ▪ EQ Gain: +12dB to -12dB, 0.25dB steps ▪ EQ width: Q 25 to 0.2 - BW 4.75 to 0.06 ▪ Limiters: Adjustable threshold in 0,25dBu steps. Adjustable relase in 1 dB/s steps ▪ Compressor: True RMS compressor. Adjustable threshold, attack time, release, hold ▪ Latency: 640 microseconds ▪ Memory/Presets: 50 INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Data: RJ-45 (ethernet interface) ▪ Power connection: VDE POWER SUPPLY <ul style="list-style-type: none"> ▪ Power voltage/frequency: 80 to 240V AC, 50/60Hz PHYSICAL <ul style="list-style-type: none"> ▪ Dimensions (WxHxD): 482x44x175mm ▪ Weight: 1.7kg



DXZ88

- Matrix Zone Control
- 8 input 8 output
- Full configuration and real-time monitoring via PC Ethernet interface

TECHNICAL DATA	
AUDIO PROCESSOR <ul style="list-style-type: none"> ▪ Type: Matrix processor DSP FEATURES <ul style="list-style-type: none"> ▪ Input: 8 way mono ▪ Output: 4 way stereo, 8 way mono ▪ Max input level: +23dBu ▪ Frequency response: 10Hz - 40Khz +/- 3dB (filter disabled) ▪ Distorsion: ▪ Dinamic range in/out: 110dB/114dB ▪ Digital processing: 64 bit ▪ Sampling rate: 48 kHz ▪ A/D - D/A Converter: 24 bit ▪ Gain OUT: +12dB to -48dB and mute, 0.25dB steps ▪ Delay: output 2000ms ▪ Crossover Filters: Bessel, Butterworth, Linkwitz-Riley, all pass ▪ Crossover Filters Slope: 12,18 & 24dB/octave Bessel and Butterworth, 12 & 24dB/octave Linkwitz-Riley ▪ EQ frequency: 10Hz to 25kHz, 1/36 octave steps 	<ul style="list-style-type: none"> ▪ Equalizer: 10 parametric filters per input and output ▪ EQ Gain: +12dB to -12dB, 0.25dB steps ▪ EQ width: Q 25 to 0.2 - BW 4.75 to 0.06 ▪ Limiters: Adjustable threshold in 0,25dBu steps. Adjustable relase in 1 dB/s steps ▪ Compressor: True RMS compressor. Adjustable threshold, attack time, release, hold ▪ Latency: 640 microseconds ▪ Memory/Presets: 50 INPUT/OUTPUT CONNETTORS <ul style="list-style-type: none"> ▪ Input signal: XLR in/out ▪ Data: RJ-45 (ethernet interface) ▪ Power connection: VDE POWER SUPPLY <ul style="list-style-type: none"> ▪ Power voltage/frequency: 80 to 240V AC, 50/60Hz PHYSICAL <ul style="list-style-type: none"> ▪ Dimensions (WxHxD): 482x44x175mm ▪ Weight: 1.7kg

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