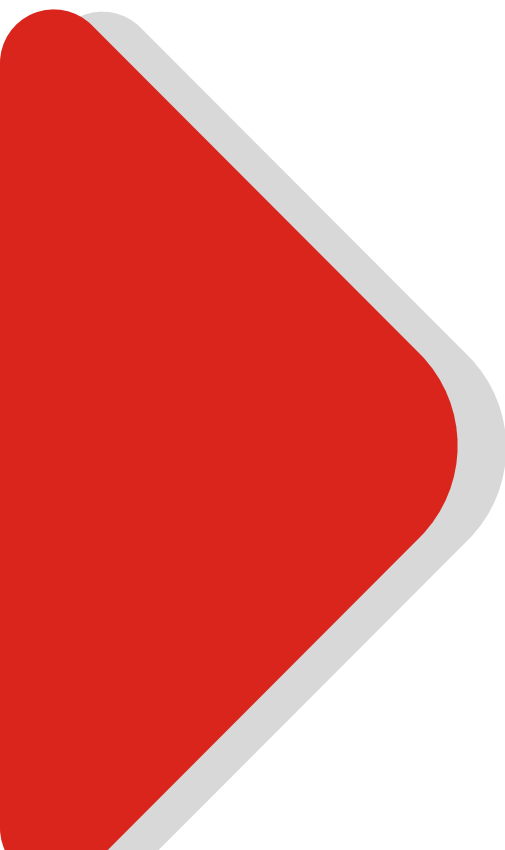


Audio Professional System

Motivivity



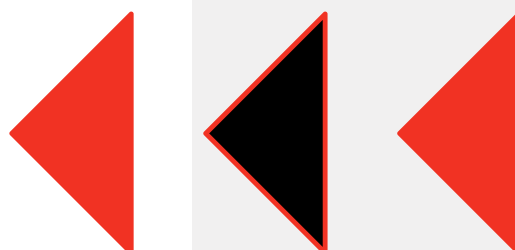
Motivity hold out several products in the audio professional field. Products that have proven triumphant in all markets in which they steer. Motivity have the benefit of a marvelous reputation in sound reinforcement solutions.



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Motivity





Providing a world-class
professional audio
system

MISSION

BRAND CONCEPT

For 20 years, our engineers make all commitment to various kinds of audio products development, as if to carve one artwork. Engineers are not only committed to the pursuit of perfect sound, from and visual aesthetic extremally.

Here the sound quality is no longer a subjective concept, all kinds of distortion is no longer a cognitive product path. From technology to art combined, the combination of human and technology, true representation of our elaborate creation.

Motivity

Keeping on Innovation to Survive



Motivity

COMPANY PROFILE

Motivity is a leading professional loudspeaker manufacturer for more than 20 years. We engage in scientific research, design, development and manufacture. Our products including stage performances loudspeakers, professional amplifiers mixer and other accessories. We introduce into Italy professional loudspeakers design, software system and CAD technology. Based on high stability and reliability ,our products sell well home and abroad.

Motivity professional audio system exports mainly to Europe, America and Africa, it has a set of perfect assembly line, a professional sales team, well-trained technicians and excellent management personnel.

Motivity's quality guideline is: " quality first, professional talents, leading technology, doing things right first time, self-improvement, and durability". Motivity's principle is "competitive price, best service". Motivity has complete ERP management system and is certified by ISO9001, ISO2014001.

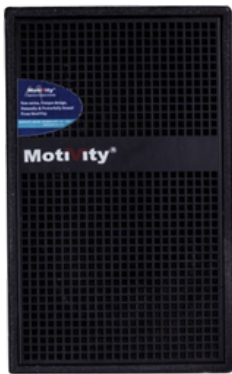
DB SERIES

Motivivity

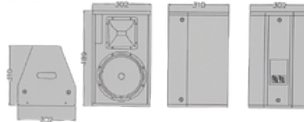
TECHNICAL SPECIFICATION

DB-10

- System type: Two unit –two way full range bass reflex enclosure
- Rated power: 200W
- Maximum power: 400W
- Peak power: 800W
- Nominal impedance: 8 OHMS
- Recommended rated output power of amplifier: 200W-400W@8 OHMS
- Nominal sensitivity (1W@1m): 97dB
- Maximum sound pressure level: 123dB@400w
- Frequency bandwidth: 40Hz 16.5KHz60Hz – 20KHz
- Nominal directivity (-6dB): 70 Hx 60V
- Transducer configuration: Low frequency device 10 200mm unit 50mm voice coil 135mm magnetic steel x1
- High frequency device 1.4 34mm voice coil 90mm magnetic steel x1



DB-10



- Frequency division Mode : Passive
- Connector: SPEAKON NL4 ×1 PIN1 +/2+POS PIN1-/2-NEG
- Box material: 15MM(0.6) High density Fiber board
- NET Weight : 20KG

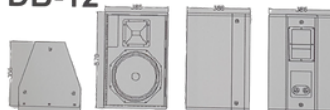
TECHNICAL SPECIFICATION

DB-12

- System type: Two unit –two way full range bass reflex enclosure
- Rated power: 400W
- Maximum power: 800W
- Peak power: 1600W
- Nominal impedance: 8 OHMS
- Recommended rated output power of amplifier: 600W-800W@8 OHMS
- Nominal sensitivity (1W@1m): 97dB
- Maximum sound pressure level: 126dB@800w
- Frequency bandwidth: 50Hz – 18.5KHz
- Nominal directivity (-6dB): 100 Hx 70V
- Transducer configuration: Low frequency device 12" (300mm unit 75mm voice coil 170mm magnetic steel) x1
- High frequency device 1.7 (44mm voice coil 100mm magnetic steel) x1



DB-12

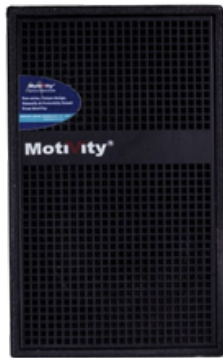


- Frequency division Mode : Passive
- Connector: SPEAKON NL4 ×1 PIN1 +/2+POS PIN1-/2-NEG
- Box material: 18MM(0.7") High density Fiber board
- NET Weight : 25KG

TECHNICAL SPECIFICATION

DB-15

- System type: Two unit –two way full range bass reflex enclosure
- Rated power: 400W
- Maximum power: 900W
- Peak power: 1800W
- Nominal impedance: 8 OHMS
- Recommended rated output power of amplifier: 600W-1000W@8 OHMS
- Nominal sensitivity (1W@1m): 99dB
- Maximum sound pressure level: 125dB@900w
- Frequency bandwidth: 38Hz – 17.5KHz
- Nominal directivity (-6dB): 100 Hx 70V
- Transducer configuration: Low frequency device 15" (380mm unit 75mm voice coil 190mm)
- High frequency device 3" (75mm voice coil 170mm magnetic steel)



DB-15



- Frequency division Mode : Passive
- Connector: SPEAKON NL4 x1 PIN1 +/2+POS PIN1-/2-NEG
- Box material: 15MM(0.6) High density Fiber board
- NET Weight : 35KG

TECHNICAL SPECIFICATION

DB-15M

- System type: Two unit –two way full range bass reflex enclosure
- Rated power: 400W
- Maximum power: 800W
- Peak power: 1600W
- Nominal impedance: 8 OHMS
- Recommended rated output power of amplifier: 500W-1000W@4 OHMS
- Nominal sensitivity (1W@1m): 97dB
- Maximum sound pressure level: 133dB@1000w
- Frequency bandwidth: 40Hz – 16.5KHz
- Nominal directivity (-6dB): 100 Hx 70V
- Transducer configuration: Low frequency device 15" (380mm unit 75mm voice coil 200mm magnetic steel) x2
- High frequency device 3.0" (75mm voice coil 170mm magnetic steel) x1



DB-15M



- Frequency division Mode : Passive
- Connector: SPEAKON NL4 x1 PIN1 +/2+POS PIN1-/2-NEG
- Box material: 18MM(0.7") High density Fiber board
- NET Weight : 30.5KG

DB-25NWD/ DB-25OWD

TECHNICAL SPECIFICATION

- System type: 3 unit 3 phase inversion
- Rated power: 1000W
- Maximum power: 2000W
- Peak power: 4000W
- Nominal impedance: 4 OHMS
- Recommended rated output power of amplifier: 1000W -2000W @4 OHMS

- Nominal sensitivity (1W@1m): 103dB
- Maximum sound pressure level: 133dB@1000W(136dB@2000W)
- Frequency bandwidth: 40Hz—16.5KHz
- Nominal directivity (-6dB): 100°*H*70°V
- Transducer configuration: the low frequency driver 15" (380mm unit 75mm voice coil 220mm Magnetic Steel)*1
- the high frequency driver 30" (75mm voice coil 170mm Magnetic Steel)*1



- Frequency division Mode : Passive
- Connector: SPEAKON NL4 ×1 PIN1 +/2+POS PIN1-/2-NEG
- Box material: 18mm (0.7") High density fiber board
- Box size: W 500mm* D500mm *H 1161mm /W500mm*H 1161mm
- NET Weight : 55kg

DB-25N/DB-25O



Motiv^Vity



DB 3G SERIES



QUALITY FIRST

TECHNICAL SPECIFICATION

DB-25 3G

- System Type: 5-unit 3-way bass reflex
- Rated Power: 1000W
- Maximum Power: 2000W
- Nominal Impedance: 4 OHMS
- Recommend Amplifier Rated Output Power: 1500W—2000W@4 OHMS



- Sensitivity (1W@1m): 100dB
- SPL: 130dB@1000W (133dB@2000W)
- Coverage (-6dB): 100°Hor.×60°Ver
- Frequency Bandwidth: 45Hz—18KHz
- Transducer Configuration:
 - 1.Low frequency driver 15" (75mm voice coil 180mm magnet) ×2
 2. NdFeB medium frequency driver 6.5" (45mm voice coil 85mm magnet) ×2
 - 3.High frequency driver 3" (75mm voice coil 165mm magnet)×1

- Connector: SPEAKON NL4×2 PIN1+/2+POS. PIN1-/2-NEG.
- Cabinet Material: 18mm (0.7") plywood
- Packaging Dimension (W×D×H): 660mm×595mm×1365mm
- Weight: 71.3Kg

TECHNICAL SPECIFICATION

DB15M-3G

- System Type: 2-unit 2-way bass reflex
- Rated Power: 500W
- Maximum Power: 1000W
- Nominal Impedance: 8 OHMS
- Recommend Amplifier Rated Output Power: 600W—1000W@8 OHMS



- Sensitivity(1W@1m): 97dB
- SPL: 124dB@500W (127dB@1000W)
- Coverage(-6dB): 50°×100°Hor. ×50°Ver
- Frequency Bandwidth: 45Hz—18KHz
- Transducer Configuration:
 - 1.Low frequency driver 15" (75mm voice coil 180mm magnet) x1
 - 2.High frequency driver 3" (75mm voice coil 165mm magnet) x1

- Connector: SPEAKON NL4×2 PIN1+/2+POS. PIN1-/2-NEG.
- Cabinet Material: 15mm (0.6") plywood
- Packaging Dimension (W×D×H): 560mm×535mm×790mm
- Weight: 28.6Kg

TECHNICAL SPECIFICATION

MTL700-3G

- System type: 2-unit 2-way bass reflex
- Rated power: 500W
- Maximum power: 1000W
- Nominal sensitivity (1w@1m): 97db
- Nominal Impedance: 8 OHMS
- Recommended amplifier rated output power : 600W—1000W@8 OHMS
- Packaging Dimension (W×D×H): 605mm×490mm×805mm
- Weight: 33kg
- Maximum sound Pressure level: 124dB@500W (127dB@1000W)
- Frequency Bandwidth: 46Hz—18KHz
- Transducer Configuration: Low frequency driver 15" (75mm voice coil 200mm magnet) ×1 - NdFeB high frequency driver 2.5" (65mm voice coil 110mm magnet) ×1
- Frequency division mode: Passive



TECHNICAL SPECIFICATION

DB218-3G

SUBWOOFER

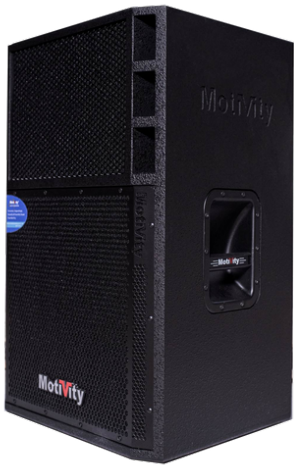
- System type: 2-unit bass reflex
- Rated power: 1400W
- Maximum power: 2800W
- Nominal sensitivity (1w@1m): 97db
- Nominal Impedance: 4 OHMS
- Recommended amplifier rated output power : 2000W—3000W@4 OHMS
- Maximum sound Pressure level: 133dB@1400W (136dB@2800W)
- Frequency Bandwidth: 37Hz—300Hz
- Transducer Configuration: Low frequency driver 18" (100mm voice coil 220mm magnet) ×2
- Frequency division mode: Passive

- Cabinet Material: 18mm (0.7") plywood
- Product Dimension (W×D×H): 980mm×690mm×598mm
- Packaging Dimension (W×D×H): 1055mm×765mm×670mm
- Weight: 69.8Kg
- Weight: 33kg



Motiv*V*ity

MTL SERIES



MTL700-3G



MTL-152

TECHNICAL SPECIFICATION

MTL-152

- System type: 2-unit 2-way bass reflex
- Rated power: 600W
- Maximum power: 900W
- Peak power: 1800W
- Nominal sensitivity (1w@1m): 97db
- Nominal Impedance: 8 OHMS
- Recommended amplifier rated output power : 1000W—2000W@8 OHMS

- Connector : Speakon NL4x2pin
1+/2+POS PIN1-/2-NEG
- Box material: 15mm (0.7") high density fiber board
- Weight: 33kg

- Maximum sound Pressure level: 130dB@1000W (133dB@2000W)
- Frequency Bandwidth: 45Hz – 18KHz
- Transducer Configuration: Low frequency driver 15" (75mm voice coil 180mm magnet) ×2
- NdFeB medium frequency driver 6.5" (45mm voice coil 85mm magnet) ×2
- High frequency driver 3" (75mm voice coil 165mm magnet) ×1
- Frequency division mode: Passive



Motivity

AT SERIES



AT series speaker system is designed for multi function hall, multi purpose conference room, for speech, music compatible sound reinforcement requirements and combined with the characteristics of speech and music and design. The power divider built by acoustic engineers through a lot of debugging. According to the speaker unit acoustic response, loudspeaker power response, impedance and phase characteristics. After careful comparison, designed to achieve the perfect listening effect and high reliability,. High purity OFC oxygen free copper wire. To minimize the impact of the wire itself. And greatly improve the power carrying capacity. Using a specially made MKP capacitor, low loss and small internal resistance, high power aluminum shell resistors with fever, fast cooling speed, precise resistance, small parameter variation. The sound reproduction has excellent stability. Have a fever the scaffolding divider using welding process. Providing a powerful guarantee for high quality playback of loudspeaker system.

The box body uses the streamline shape design of the approximate circular arc, no edges corners, more soft sense, from an acoustic point of view. This design not only eliminates the condition of the standing wave in the box, have excellent rigidity, expertly low tone, maximum reduction of adverse effects on sound reproduction, clear natural voice, exciting music, AT series can be easily done.

TECHNICAL SPECIFICATION

AT-06

- System type: 2-unit 2-way phase inversion
- Rated power:100W
- Maximum power: 200W
- Peak power: 400W
- Nominal sensitivity (1w@1m): 96db
- Nominal Impedance: 8 OHMS
- Recommended amplifier rated output power : 200W—300W@8 OHMS

- Maximum sound Pressure level: 116dB@100W (119dB@200W)
- Frequency Bandwidth:80Hz—20KHz
- Transducer Configuration: Low frequency driver 5" (165mm unit 35 voice coil) ×1
- NdFeB high frequency driver 1" (25mm voice coil) ×1
- Frequency division mode: Passive

- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box seize: 190mm×210mm×310mm
- Weight: 5.0Kg



TECHNICAL SPECIFICATION

AT-08

- System type: 2-unit 2-way phase inversion
- Rated power:250W
- Maximum power: 500W
- Peak power: 1000W
- Nominal sensitivity (1w@1m): 97db
- Nominal Impedance: 8 OHMS
- Recommended amplifier rated output power : 300W—400W@8 OHMS

- Maximum sound Pressure level: 121dB@250W (124dB@500W)
- Frequency Bandwidth:80Hz – 20KHz
- Transducer Configuration: Low frequency driver 8" (165mm unit 35 voice coil) ×2
- High frequency driver 1.5" (34mm voice coil)×1
- Frequency division mode: Passive



- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box material: 15mm (0.6") high density fiber board
- Weight: 9.0Kg

AT-06+

TECHNICAL SPECIFICATION

System type: 2-unit 2-frequency inverter type

Rated power: 100W

Maximum power: 200W

Peak power: 400W

Nominal Impedance: 8 OHMS

Recommended amplifier output power: 200W 300W@8 OHMS

Nominal sensitivity (W@1m): 96dB

Maximum sound pressure level (Prmax@1m): 116dB@100w(122dB(@400w)

Frequency bandwidth: 80Hz-20KHz

Nominal directivity (-6dB): 90°H×90°V

Transducer Configuration: Ferrite Low Frequency Driver 6.5"

(30mm voice coil 115 blue) × 1

Ferrite High Frequency Driver+

(75mm voice coil: No. 70) × 1

Frequency division mode: passive

Connector: SPEAKONNE4 (PIN1=POS. PIN1-=NEG)

Two-position screw terminal × 1

Cabinet material: 12mm (0.47") high-quality plywood

Cabinet size: W191mm*D211mm*H310mm

(Including sugar-shaped frame: 191#264*344mm)



Color: The default is black water-based spot paint spraying, other colors can be customized upon request

Weight (each): 6.26kg (including U-shaped frame)

AT-265+

TECHNICAL SPECIFICATION



System Type: 3 Units 2 Minutes Inverted
Rated power: 250W
Maximum power: 500Ww
Peak power: 1000W
Nominal Impedance: 8 OHMS

Recommended amplifier rated output power: 400W-600W@8OHMS
Nominal sensitivity (W@m): 97dB
Maximum sound pressure level (Pmax@1m): 121dB@250w(127dB@1000w)
Contract rate bandwidth: 90Hz-20KHz
Nominal directivity (-6dB): 90°HX90V:
Transducer Configuration; Ferrite Low Frequency Driver 6.50(30mm sound No. 115) × 2
Ferrite high frequency driver] (2.5mm voice coil 70) × 1
Frequency division mode: passive
Connector: SPEAKONNE4×1 (PINI-POS. PINI NEG)on two-position screw terminal
Cabinet material: 12mm (0.47") high-quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request
Box size: W191mm*D211mm*H510mm(with U-shaped frame: 191*264*546mm)
Weight (each): 9.38kg (including U-shaped frame)

AT-08+

TECHNICAL SPECIFICATION



System type: 2-unit 2-frequency inverter type
Rated power: 250W
Maximum power: 500W
Peak power: 1000W
Nominal Impedance: 8 OHMS

Recommended amplifier rated output power: 300W 400W@8 OHMS
Nominal sensitivity (1W@1m) 97dB
Maximum sound pressure level: 121dB@250w (127dB(@1000w)
Frequency bandwidth: 80Hz-20KHz
Nominal directivity (-6dB): 100°H×60PV
Transducer Configuration: Ferrite LF Driver#*(50mm voice coil No. 140) × 1
Ferrite high-frequency driver 1.3" (34 mm tone map 90 base)1
Frequency division mode: passive
Connector: SPEAKON NL4×2 PINI-POS. PINI-NEG)
Two-position screw terminal × 1
Cabinet material: 15mm (0.6") high-quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request
Cabinet size: W259mm*D250mm*H428mm (with U-shaped frame: 259*313*462mm)
Weight (each): 9.82kg (including U-shaped frame)

AT-10+

TECHNICAL SPECIFICATION



System type: 2 units 2 frequency division inverter
Rated power: 350W
Maximum power: 700W
Peak power: 1400W
Nominal Impedance: 8OHMS

Recommended amplifier rated output power: 450W-600W@8 OHMS
Sensitivity (1W@1m): 97dB
Calculate the maximum sound pressure level: 122dB@350w (128dB@1400hw)
Directional characteristics: 90°H×70°V
Frequency range: 65Hz-20KHz
Frequency division mode: passive
Transducer configuration: ferrite low frequency driver 10" (65mm voice coil 140 bowl) x 1
Ferrite high-frequency driver 13 (34mm tone figure 90) × 1
Connector: SPEAKON NL4-2 PIN1=POS. PIN1-=NEG)
Two-position screw terminal × 1
Cabinet material: 18mm (07) high quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request
Box size: W320mm* D260mm*H526mm
Weight: 13.02kg

AT-12D+

TECHNICAL SPECIFICATION



System type: 2-unit 2-minute full-range speaker system

Continuous power: 450W

Maximum power: 900W

Peak power: 1800W

Nominal Impedance: 8 OHMS

Recommended amplifier rated output power: 450W

800W@8OHMS

Sensitivity (1W@1m): 97dB Maximum

SPL: 124dB@450W (130dB@1800W).

Directional characteristics: 90°H=70°V

Frequency range: 58Hz-20KHz

Frequency division mode: passive

Transducer configuration: ferrite low frequency driver 12" (75mm tone 170) pair

Ferrite high frequency driver 1.7 (44mm voice coil 120) × 1

Connector: SPEAKON NL4-2 PIN1==POS, PIN1--=NEG |

Two-position screw terminal × 1

Box material: 18mm (0.7%) high quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request

Cabinet size W376.mm*D341mm*H656mm (including foot pads: 376*341*663mm)

Weight: 21,22 kg

TECHNICAL SPECIFICATION

AT-12

- System Type: 2-unit 2-unit bass reflex
- Rated Power: 450W
- Maximum Power: 900W
- Peak Power: 1800W
- Nominal Impedance: 8 OHMS
- Recommend Amplifier Rated Output Power: 500W-650W@8 OHMS

- Nominal Sensitivity(1W@1m): 97dB
- Max. SPL: 124dB@450w (126dB@900w)
- Coverage: 90°H×70°V
- Frequency Bandwidth: 58Hz-20KHz
- Crossover Mode: Passive
- Transducer Configuration: Low frequency driver 12" (305mm unit 75mm voice coil) ×1 - High frequency driver 1.7" (44mm voice coil) ×1



- Connector: SPEAKON NL4×2 PIN1+/2+POS. PIN1-/2-NEG.
- Cabinet Material: 18 mm(0.7") high quality plywood
- Color: The default is black, other colors can be customized.
- Product Dimension: W375 mm*D340 mmH656mm
- Weight: 22 kg
- Reference Application Field: Suitable for conference room, multi-function hall, church, auditorium and small performance venues

AT-12MKIID

TECHNICAL SPECIFICATION

System type: 2-unit full-range speaker system
Continuous power: 300W
Maximum power: 600W
Peak power: 1200W
Nominal Impedance: 8 OHMS

Recommended amplifier rated output power: 300W
800W@8OHMS
Sensitivity (1W@1m): 97dB Maximum
SPL: 124dB@450w (130dB@1800w).
Directional characteristics: 90°H=70°V
Frequency range: 58Hz-20KHz
Frequency division mode: passive
Transducer configuration: ferrite low frequency driver 12"
(75mm tone 170) pair
Ferrite high frequency driver 1.7 (44mm voice coil 120) × 1
Connector: SPEAKON NL4-2 PIN1==POS, PIN1--=NEG |
Two-position screw terminal × 1
Box material: 18mm (0.7%) high quality plywood



Color: The default is black water-based spot paint spraying, other colors can be customized upon request
Cabinet size W376.mm*D341mm*H656mm (including foot pads: 376*341*663mm)
Weight: 21:22 kg

AT-15+

TECHNICAL SPECIFICATION



System type: 2 units 2 frequency division inverter
Continuous power: 500W
Maximum power: 1000W
Peak power: 2000W
Nominal Impedance: 8 OHMS

Recommended amplifier rated output power: 600W-800W@8 OHMS
Sensitivity (1W@1m): 100dB
Maximum sound pressure level: 127 dB@500w (133dB@2000w)
Directional characteristics: 80°H×50°V
Frequency range: 55Hz-20KHz
Frequency division mode: passive
Transducer configuration: ferrite low frequency driver 15 (75mm sound 180)]
Ferrite High Frequency Driver 3"(75mm voice coil 165) pair
Connector: SPEAKONNL4-2 (PINI-POS. PINI-NEG
Two-position screw terminal × 1
Cabinet material: 18mm (0.7*) high quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request
Box size: W431mm*D386mm*H712mm(Clothing pad: 431*386*719mm)
Weight: 27.54kg)

AT-15

TECHNICAL SPECIFICATION



System type: 2 units 2 frequency division inverter
Continuous power: 500W
Maximum power: 1000W
Peak power: 2000W
Nominal Impedance: 8 OHMS

Recommended amplifier rated output power: 600W-800W@8 OHMS
Sensitivity (1W@1m): 100dB
Maximum sound pressure level: 127 dB@500w (133dB@2000w)
Directional characteristics: 80°H×50°V
Frequency range: 55Hz-20KHz
Frequency division mode: passive
Transducer configuration: ferrite low frequency driver 15 (75mm sound 180)]
Ferrite High Frequency Driver 3"(75mm voice coil 165) pair
Connector: SPEAKONNL4-2 (PINI-POS. PINI-NEG
Two-position screw terminal × 1
Cabinet material: 18mm (0.7*) high quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request
Box size: W431mm*D386mm*H712mm(Clothing pad: 431*386*719mm)
Weight: 27.54kg)

AT-15B+

TECHNICAL SPECIFICATION



System type: 1 unit direct subwoofer
Rated power: 600W
Maximum power: 1200W
Peak power: 2400W
Nominal Impedance: 8OHMS

Recommended amplifier rated output power: 800W-1200W@8
OHMS
Target scale sensitivity (TW@im): 99dB
Maximum sound pressure level: 127dB/@600w(133dB(@2400w)
Frequency bandwidth: 40Hz-300Hz
Nominal directivity (-6dB): omnidirectional
Transducer configuration: ferrite low frequency driver 15° (100mm
sound map 220) × 1
Frequency division mode: passive
Connector: SPEAKON NL4×2 PINI+=POS. PINI=NEG»
Two-position screw terminal × 1
Box material: 18mm (0.7") high-quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request
Cabinet size: W465mm*D565mm*H 58.3mm (including foot pads: 465*565*592mm)
Weight (each): 43.7g

AT-18B+

TECHNICAL SPECIFICATION



System type: 1 unit direct subwoofer
Rated power: 800W
Maximum power: 1600W
Peak power: 3200W
Nominal Impedance: 8OHMS

Recommended amplifier rated output power: 1000W-1500W@8 OHMS

Target scale sensitivity (TW@1m): 101dB

Maximum sound pressure level: 130dB@800w (136dB/3200w) -6dB)
360 H-360 V

Frequency bandwidth: 45Hz--300Hz

Nominal directivity (-6dB): 360°H×360°V

Transducer configuration: ferrite low frequency driver 18" (100mm voice coil 220) IE SPEAKON NE4 2 PINT-POS. PINI-NEG

Frequency division mode: passive

Connector: SPEAKON NL4×2 PINI+=POS. PINI=NEG»

Two-position screw terminal × 1

Box material: 18mm (0.7") high-quality plywood

Color: The default is black water-based spot paint spraying, other colors can be customized upon request

Cabinet size: W561mm*D595mm*H690mm (including foot pads: 561*595*699mm)

Weight (each): 53g

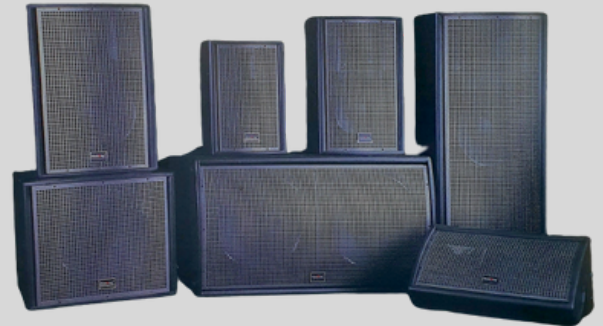


QX-118

QX series is a new generation of MOTIVITY high cost professional speaker system, for various types amplifying areas. QX series speaker system inherit all the outstanding performance of MTH "one of MOTIVITY series" and it is famous for its high conversion efficiency, strong penetrating power and excellent dynamic performance.

QX series of constant directivity horn is almost the same as the acoustic bass unit includes the ability of the strict design matching high-frequency horn and bass unit cover prosperities achieved as smooth transition, sound natural, open raise, QX series of high conversion efficiency, makes it easier for collocation power amplifiers, drive smoothly done or easily solved.

The QX series uses strong, low harmonic trapezoidal box body, plus featured upper MDF plate hard texture, heavy. It has excellent low frequency damping characteristics, greatly enhance the purity of the voice. the appearance of smooth, wear-resistant paint particles appearance and durable, highlight the atmosphere, sedate. The outer lining of high acoustic permeability acoustic sponge and more modern breath. QX series of system with built-in strict frequency division circuit, have excellent signal processing performance, the design of the dynamic protection circuit. The sound box can be effectively protected under the condition of continuous high output.



QX-218

TECHNICAL SPECIFICATION

QX-118

- System type: 1 unit reverse phase
- Rated power: 700W
- Maximum power: 1400W
- Peak power: 2800W
- Nominal sensitivity (1w@1m): 102db
- Nominal Impedance: 8 OHMS
- Recommended amplifier rated output power : 1000W @8 OHMS

- Maximum sound Pressure level: 130dB@700w(133dB@1400W)
- Frequency Bandwidth: 35Hz—300Hz
- Transducer Configuration: low frequency driver 18" 460mm unit with 100mm voice coil × 220Magnetic Steel *1
- Frequency division mode: Passive



- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box size: W 600mm* D 700mm *H 531mm
- Box material: 18mm (0.7") MDF Medium density fiber board
- Weight: 48kg

TECHNICAL SPECIFICATION

QX-218

- System type: 2 unit reverse phase
- Rated power: 1400 W
- Maximum power: 2800W
- Peak Power: 5600W
- Nominal sensitivity (1w@1m): 102db
- Nominal Impedance: 4 OHMS
- Recommended amplifier rated output power : 1200W -1500W @8 OHMS

- Maximum sound Pressure level: 135dB@1400w(138dB@2800W)
- Frequency Bandwidth: 35Hz—300Hz
- Transducer Configuration: low frequency driver 18" 460mm unit with 100mm voice coil × 220Magnetic Steel *2
- Frequency division mode: Passive



- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box material: 18mm (0.7") MDF Medium density fiber board
- Weight: 95kg

LINE ARRAY

M SERIES



M series Line Array

M series is a full frequency line array speaker system. It is the latest line array loudspeaker system design theory into M series. M series is the satisfaction theory of coherence, because of the coherent coupling unit and the sound source with the continuous form. M series has an excellent performance in particular for the stadium, art plaza, open area performances, auditorium, theater and many other large and medium sized places.

M series bass speaker system is designed for the collection of full frequency line array system. The front loaded horn box inverted and six order band-pass structure. It give the complete characteristics of the structure of the horn, the sound system pressure output capability is greatly improved, increased the system range and it is an effective extension of the sound energy projection distance, comprehensively enhance the effect of the overweight low frequency. At the same time, it also benefited from the utilization of high performance and high-quality bass drive. In addition to the strong sense of low frequency energy and amazing explosive power, excellent transient performance, strength and resistant to high degree.

The specifications and details of M series bass speaker designed with the perfection of professional line array design. M series bass speaker system has many ways of use such as floor type for the enclosure type, with horizontally and vertically in two units. The sound style of the specific debugging field, the top of the box is designed with four (4) speakers stepping a sink, convenient large amplifying areas stacked display applications. The finding of this excellent design come to ensure that the rock of loud pressure will always be reliable and safe!

TECHNICAL SPECIFICATION

M-8

- System type: 4-unit, 2-way inverted type
- Rated power: 300 W
- Maximum power: 600W
- Peak Power: 1200W
- Nominal sensitivity (1w@1m): 106 dB @ 4 Ω 100 dB @16 Ω
- Nominal Impedance: 4 Ω / (16 Ω) Switchable Impedance
- Recommended amplifier rated output power : 200W—300W@8 OHMS

- Maximum sound Pressure level: Nominal MAX SPL (Pmax@1m 、 4 OHMS): 131dB@300w (134dB@600w)
- Nominal MAX SPL (Pmax@1m 、 16 OHMS): 125dB@300w (128dB@600w)
- Frequency Bandwidth: 80Hz—18.5KHz
- Transducer Configuration: LF Driver Size 8" (200mm Unit 50 mm Voice coil) ×2
- HF Driver Size 1.3C (34mm Voice coil) ×2
- Frequency division mode: Passive



- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box material:15mm (0.6") High quality plywood
- W748 mm*D 305mm*H248mm (187mm)
- Weight: 24kg

TECHNICAL SPECIFICATION

M-10

- System type:3-unit, 2-way inverted type
- Rated power: 700 W
- Maximum power: 1400W
- Peak Power: 2800W
- Nominal sensitivity (1w@1m): 107 dB
- Nominal Impedance: 4 Ω / (16 Ω) Switchable Impedance
- Recommended amplifier rated output power : 2000W—3000W@8 OHMS

- Maximum sound Pressure level: 135dB@700w(138dB@1400w)
- Nominal MAX SPL (Pmax@1m 、 16 OHMS): 125dB@300w (128dB@600w)
- Frequency Bandwidth: 65Hz—18KHz
- Transducer Configuration:LF Driver Size 10" (250mm Unit 65 mm Voice coil) ×2
- HF Driver Size 3" (75mm Voice coil) ×1
- HF Waveguide Horn 1.5" (38 mm Driver) ×1
- Frequency division mode: Passive

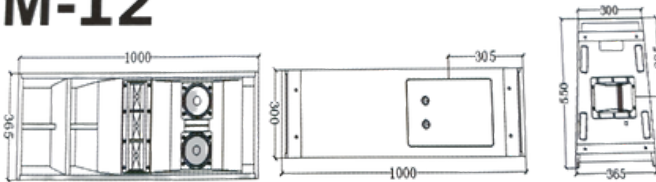


- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box material:18mm (0.7") High quality plywood
- Weight: 30kg

M-12



M-12



TECHNICAL SPECIFICATION

- System type: Six unit three frequency inverted type
- Rated power: HF 100W MF 200W LF 350W
- Maximum power: 1000 W
- Nominal sensitivity (1w@1m): HF 106dB MF 101dB LF 100dB
- Nominal Impedance: HF 8OHMS MF 8OHMS LF 8OHMS
- Recommended amplifier rated output power : 600W—1000W@8 OHMS
- Maximum sound Pressure level: HF 126dB MF 124 dB LF 125 dB
- Nominal MAX SPL (Pmax@1m、16 OHMS): 125dB@300w (128dB@600w
- Frequency Bandwidth: 80Hz—18KHz
- Transducer Configuration: LF Driver Size:12"(300mm driver speaker) ×1
- MF:6.5"(165mm driver speaker) ×2
- HF:1.4"(34mmVoice coil) ×3
- Crossover Mode: Active - Reference Crossover: L/M 300Hz ~ 400Hz M/H 2800Hz~3200Hz

- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box material:18mm (0.72")High quality plywood
- Cabinet Dimension: 1000 mm (W)×365 mm (H)×550 mm (D)
- Weight: 30kg

SUBWOOFER

M-25



TECHNICAL SPECIFICATION

- System type: 2-unit, Band-pass
- Rated power: 1000W
- Maximum power: 2000 W - peak: 4000 W
- Nominal sensitivity (1w@1m): 102
- Nominal Impedance: 4 OHMS
- Recommended amplifier rated output power : 600W—1000W@8 OHMS
- Maximum sound Pressure level: 132dB@1000W(135dB@2000W)
- Frequency Bandwidth: 30Hz—200Hz
- Transducer Configuration: LF Driver Size 15" (380mm Unit 100 mm Voice coil) ×2



- Connector : Speakon NL4x2pin 1+/2+POS PIN1-/2-NEG
- Box material:18mm (0.72") High quality plywood
- Weight: 72 KG





MLA SERIES

MLA 210

MLA118



MLA 210 is an excellent 3 units , 2 way speaker. The nominal impedance of the system is 8Ω for both the low frequency (LF) and high frequency (HF) drivers.

Sensitivity: The nominal sensitivity of the system is 102 dB at 1W/1m for the LF driver and 112 dB at 1W/1m for the HF driver.

Maximum Sound Pressure Level: The maximum sound pressure level (Pmax) at 1m is 131 dB at 700W (LF) and 137 dB at 2800W (LF). For the HF driver, it is 130 dB at 600W and 136 dB at 2400W (LF).

Frequency Bandwidth: The frequency bandwidth of the system is 58Hz to 18kHz. The LF driver covers the range of 58Hz to 3.5kHz, while the HF driver covers the range of 600Hz to 18kHz.

Nominal Directivity: The system has a nominal directivity of 90° (H) \times 8° (V). It's important to note that the vertical coverage angle of the line array can vary depending on the angle and curvature of the array.

Adjustable Angle: The MLA210 system allows for adjustable angles from 0° to 10° , with a unit adjustment angle of 1° .

Recommended Number of Arrays: It is recommended to use a minimum of 4 MLA210 arrays for optimal performance.

Transducer Configuration: The system consists of two 10" ferrite low-frequency drivers with a 65mm voice coil and a 170 magnet, and one 3" ferrite high-frequency driver with a 75mm voice coil and a 165 magnet.

Frequency Division Mode: The MLA210 supports both internal and external frequency division modes, which can be toggled using a switch.

The MLA118B features a hidden fixed latch design to avoid latch loss and collision damage during installation and transportation. It also has hidden front and rear connectors that can be hidden in the hanging device when not in use, ensuring the safety of use and avoiding damage to installation components during transportation. The back of the subwoofer has a precise angle adjustment device and 6 pin holes with precise scales, providing precise angle adjustment solutions and better hanging balance for installation. The MLA118B can be installed in combination with arrays of the same series.

Please note that the information provided is based on the specifications of the MLA118B line array subwoofer and does not include a list of sources/bibliography at the end of the response.

The MLA118B is a line array subwoofer designed to provide ultra-low frequency extension for the MLA210 line array system.

MLA 210

3 units 2-way frequency inverting type

The MLA LineArray Series by Motivity is a system designed for sound reinforcement in various applications such as lecture halls, multi-function halls, theaters, auditoriums, and small to medium-sized outdoor mobile performances.



MAIN FEATURES

- System type: 3 units 2-way frequency inverting type
- Rated power: 700 W (LF: 600W, HF: 100W)
- Program power: 1400 W (LF: 1200W, HF: 200W)
- Peak power: 2800 W (LF: 2400W, HF: 400W)
- Nominal impedance: 8Ω (LF: 8Ω, HF: 8Ω)
- Nominal sensitivity (1W@1m): 102 dB (LF: 102dB, HF: 112dB)
- Maximum sound pressure level (Pmax@1m): 131dB@700W (137dB@2800W)

DESCRIPTION

MLA 210 is an excellent 3 units, 2 way speaker. The nominal impedance of the system is 8Ω for both the low frequency (LF) and high frequency (HF) drivers. Sensitivity: The nominal sensitivity of the system is 102 dB at 1W/1m for the LF driver and 112 dB at 1W/1m for the HF driver.

Maximum Sound Pressure Level: The maximum sound pressure level (Pmax) at 1m is 131 dB at 700W (LF) and 137 dB at 2800W (LF). For the HF driver, it is 130 dB at 600W and 136 dB at 2400W (LF).

Frequency Bandwidth: The frequency bandwidth of the system is 58Hz to 18kHz. The LF driver covers the range of 58Hz to 3.5kHz, while the HF driver covers the range of 600Hz to 18kHz.

Nominal Directivity: The system has a nominal directivity of 90° (H) × 8° (V). It's important to note that the vertical coverage angle of the line array can vary depending on the angle and curvature of the array.

Adjustable Angle: The MLA210 system allows for adjustable angles from 0° to 10°, with a unit adjustment angle of 1°.

Recommended Number of Arrays: It is recommended to use a minimum of 4 MLA210 arrays for optimal performance.

Transducer Configuration: The system consists of two 10" ferrite low-frequency drivers with a 65mm voice coil and a 170 magnet, and one 3" ferrite high-frequency driver with a 75mm voice coil and a 165 magnet.

Frequency Division Mode: The MLA210 supports both internal and external frequency division modes, which can be toggled using a switch.

Speaker Type	3 units 2-way frequency inverting type
Rated Power	700W
Peak Power	2800 W (LF: 2400W, HF: 400W)
Nominal Impedance	8 OHMS
Recommend Amplifier Rated Output Power	1000W-3000W#8 OHMS
Sensitivity (1W@1m)	131dB
SPL	135dB@700w(138dB@1400w)
Coverage (-6dB)	90° (H) × 8° (V)
Frequency Bandwidth	58Hz-18KHz (LF: 58Hz-3.5KHz; HF: 600-18kHz)
Transducer Configuration	<ol style="list-style-type: none"> 1. Ferrite low frequency driver 10" (65mm voice coil 170 magnet) × 2 2. Ferrite high frequency driver 3" (75mm voice coil 165 magnet) × 1
Connector	SPEAKON NL4×2 PIN1+/2+POS. PIN1-/2-NEG.
Cabinet Material	15mm (0.7") High quality plywood
Color	The default is black, other colors can be customized.
Packaging Dimension (W×D×H)	305mm×711 mm×500mm
Weight	38.3kg

MLA118B

1-unit direct-injected phase-inverted ultra-low

The **MLA118B** is a line array subwoofer designed to provide ultra-low frequency extension for the **MLA210** line array system.



MAIN FEATURES

- System type: 1-unit direct-injected phase-inverted ultra-low
- Rated power: 700W
- Program power: 1400W
- Peak power: 2800W
- Nominal impedance: 8Ω

DESCRIPTION

The MLA118B features a hidden fixed latch design to avoid latch loss and collision damage during installation and transportation. It also has hidden front and rear connectors that can be hidden in the hanging device when not in use, ensuring the safety of use and avoiding damage to installation components during transportation. The back of the subwoofer has a precise angle adjustment device and 6 pin holes with precise scales, providing precise angle adjustment solutions and better hanging balance for installation. The MLA118B can be installed in combination with arrays of the same series.

Please note that the information provided is based on the specifications of the MLA118B line array subwoofer and does not include a list of sources/bibliography at the end of the response.

The MLA118B is a line array subwoofer designed to provide ultra-low frequency extension for the MLA210 line array system.

Speaker Type	1-unit direct-injected phase-inverted ultra-low
Rated Power	700W
Peak Power	2400w
Nominal Impedance	8 OHMS
Recommend Amplifier Rated Output Power	700W–1000W@8 OHMS
Sensitivity (1W@1m)	127dB
SPL	127dB@700W (133dB@1400W)
Coverage (-6dB)	50°×100°Hor. ×50°Ver
Frequency Bandwidth	38Hz-250Hz
Transducer Configuration	1. LF Driver Size 15" (380mm Unit 100 mm Voice coil) ×2
Connector	SPEAKON NL4×2 PIN1+/2+POS. PIN1-/2-NEG.
Cabinet Material	18mm (0.7") High quality plywood
Color	The default is black, other colors can be customized.
Packaging Dimension (W×D×H)	520mm×711 mm×620mm
Weight	47.7kg

MLHP312D

3 WAY 12 INCHES PASSIVE LINEARRAY SYSTEM



MAIN FEATURES

- Speaker Type: 4-unit 3-way linear array
- Rated Power: 900W (LF: 350W*2, MHF: 200W)
- Peak Power: 3600W (LF: 1400W*2, MHF: 800W)
- Nominal Impedance: 4 OHMS

Speaker Type	4-unit 3-way linear array
Rated Power	900W (LF: 350W*2, MHF: 200W)
Peak Power	3600W (LF: 1400W*2, MHF: 800W)
Nominal Impedance	4 OHMS
Hanging Installation	3 points hanging+ M10 pins <input type="checkbox"/> Hanging Angle Adjustment: angle adjustment 2°~10°, unit angle adjustment 1° <input type="checkbox"/> Recommended Array Quantity: ≥4 pieces
Sensitivity (1W@1m)	128dB
SPL	128dB@800W,-134dB@3600W-LF: 127dB@700W,133dB@1400W-MHF: 125dB@200W,131dB@800W
Coverage (-6dB)	Horizontal: 70°/110° symmetry or 90° asymmetry Vertical: Varies according to the number and curvature of the array
Frequency Bandwidth	58Hz-18.5KHz (LF: 58Hz-4KHz; MHF: 550Hz-18.5KHz)
Transducer Configuration	1. neodymium low frequency driver 12" (3" voice coil 74 magnet)×2 2. coaxial neodymium medium and high frequency driver (1.7" HF +3.5" MF +1.5" throat)×1
Connector	SPEAKON NL4×2 PIN1+/-2+POS. PIN1-/-2-NEG.
Cabinet Material	25mm (1")+18mm (0.7") plywood
Crossover Mode	internal and external frequency , internal: 3 ways external: 2 ways (MF and HF with, internal crossover, one way output)
Packaging Dimension (W×D×H)	856mm×508mm×362mm
Weight	43.8 kg / 48.6 kg

MCC828SD

2-unit high-quality subwoofer Dual 18" low frequency drivers



MAIN FEATURES

- Speaker Type: 2-unit high-quality subwoofer Dual 18" low frequency drivers
- Rated Power: 1600W
- Peak Power: 4800W
- Nominal Impedance: 4 OHMS

Speaker Type	2-unit high-quality subwoofer Dual 18" low frequency drivers
Rated Power	1600W
Peak Power	4800W
Nominal Impedance	4 OHMS
Installation	RECOMENDED AMPLIFIER MOTIVITY 2500W
Sensitivity (1W@1m)	130dB
SPL	99 dB (LF: 99dB, MHF: 102dB) □ Max. SPL (Pmax@1m):130dB continuous; 136dB peak
Coverage (-6dB)	Horizontal: 70°/110° symmetry or 90° asymmetry Vertical: Varies according to the number and curvature of the array
Frequency Bandwidth	30Hz-250Hz □
Transducer Configuration	1. neodymium low frequency driver 12" (3" voice coil 74 magnet)×2 2. coaxial neodymium medium and high frequency driver (1.7" HF +3.5" MF +1.5" throat)×1
Connector	SPEAKON NL4×2 PIN1+/2+POS. PIN1-/2-NEG.
Cabinet Material	25mm (1")+18mm (0.7") plywood
Crossover Mode	internal and external frequency , internal: 3 ways external: 2 ways (MF and HF with, internal crossover, one way output)
Packaging Dimension (W×D×H)	785mm×590mm×1330mm
Weight	94.53 kg

FLY BAR

FLB-8/FLB-10



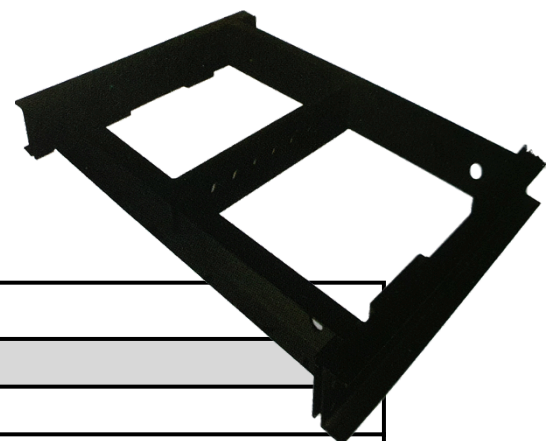
MODEL	FLB-8/FLB-10
TECHNICAL SPECIFICATION	
MATERIAL TYPE	60 X 30 MM Strengthened steel
COULOUR	The default is black, can be customized according to the requirements of the other colors
SEIZE	W 760mm x D 570mm x H 60mm
STANDARD	8 x 40mm Pin 8pcs, Front link rod: 2pcs Back link rod:2pcs
WEIGHT	15KG

FLB-25



MODEL	FLB-25
TECHNICAL SPECIFICATION	
MATERIAL TYPE	60 X 30 MM Strengthened steel
COULOUR	The default is black, can be customized according to the requirements of the other colors
SEIZE	W 760mm x D 905mm x H 60mm
STANDARD	8 x 40mm Pin 4pcs, Front link rod: 2pcs Back link rod:2pcs
WEIGHT	20KG

FLB-12



MODEL	FLB-12
TECHNICAL SPECIFICATION	
MATERIAL TYPE	100 X 100 MM Strengthened steel
COULOUR	The default is black, can be customized according to the requirements of the other colors
SEIZE	W 1086mm x D 800mm x H 100mm
STANDARD	12 x 27mm Pin 4pcs, Front link rod: 2pcs Back link rod:2pcs
WEIGHT	25KG

FLY BAR

MLHP312D



MODEL	MLHP312D
TECHNICAL SPECIFICATION	
Dimension (H×W×D)	95mm×818mm×785mm (include pins: 95mm×868mm×785mm)
Standard Configuration:	6 pieces of M10×32mm pins, 4 pieces of M25 U type chain rod, 2 pieces of 1meter*2 tons hammock
Application	for hanging HP-312 linear array or stacking on the ground
COLOUR	black
WEIGHT	25.7KG



MODEL	MLA210/MLA118B
TECHNICAL SPECIFICATION	
DIMENTIONS	60mm×700mm×675mm (including pins 60mm×700mm×715mm)
COULOUR	The default is black, can be customized according to the requirements of the other colors
STANDARD	6 8×40mm pins, 4 M25 U-shaped buckles, 2 3-meter slings
PURPOSE	For hanging or ground stacking of MLA210 or MLA118B or MLA210 and MLA118B combined line array
WEIGHT	21.6KG

CS SERIES



CS series

CS series are the idealistic speakers for indoor and some fixed outdoor and background music. CS series provide a high quality pure voice and very strong cabinet material.

CS-06/SC-08 include two units for each with 8 ohms of impedance and 600W peak power.

CS series are the beasts which made to entertain all the professional audio system engineers. CS series are suitable for meeting room, coffee shop and other fixed installation in addition to its utilization as assistant.





CS-06

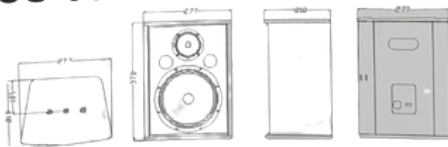
CS-06



MODEL	CS-06
TECHNICAL SPECIFICATION	
System type	2 unit 2 phase inversion
Rated power	100W
Maximum power	200W
Peak power	400W
Nominal sensitivity (1w@1m)	96dB
Nominal Impedance	8 OHMS
Recommended amplifier rated output power	150W -200W @8 OHMS
Maximum sound Pressure level	(119dB@200W)
Frequency Bandwidth	85Hz-20KHz
Transducer Configuration	<ul style="list-style-type: none"> the low frequency driver 6.5" (160mm unit 38mm voice coil 130mm Magnetic Steel)¹ the high frequency driver 3" (25mm voice coil 90mm Magnetic Steel)¹
Frequency division mode	Passive
Connector	Speakon NL4x2pin 1+ /2+POS PINI- /2-NEG
Packaging & Seize	15mm (0.6") MDF Medium density fiber board <ul style="list-style-type: none"> W 230mm* D 175mm *H 315mm
Weight	5kg



CS-08



CS-08

MODEL	CS-08
TECHNICAL SPECIFICATION	
System type	2 unit 2 phase inversion
Rated power	150 W
Maximum power	300 W
Peak Power	600 W
Nominal sensitivity (1w@1m)	97 dB
Nominal Impedance	8 OHMS
Recommended amplifier rated output power	200W -350W @8 OHMS
Directivity (-6dB)	80 H x 80 V
SPL	135dB@700w(138dB@1400w)
Frequency Bandwidth	70Hz-20KHz
Transducer Configuration	<ul style="list-style-type: none"> the low frequency driver 8" (210mm unit 38mm voice coil 130mm Magnetic Steel)¹ the high frequency driver 3" (25mm voice coil 90mm Magnetic Steel)¹
Frequency division mode	Passive
Connector	Speakon NL4x2pin 1+ /2+POS PINI- /2-NEG
Box Material	15mm (0.6") MDF Medium density fiber board <ul style="list-style-type: none"> W 278mm* D 210mm *H 370mm
Weight	8KG

Motivivity

MA SERIES



MA series is a high performance products, its a class E amplifier circuit. MA series profession power amplifier are always remain constant for varying values of input signal, Gain is not be affected by frequency. Signals of all frequencies must be amplified by exactly the same amount, not be affected by changes in temperature giving good temperature stability and the gain is stable over long periods of time.

MA series is suitable for Disco, nightclub, karaoke, private room, etc., it's a rare quality in audio engineering.





MA-350

CLASS-E POWER AMPLIFIER

2 X 450 W@4 OHMS
2 X 300 W@8 OHMS

MODEL	MA-350
TECHNICAL SPECIFICATION	
Technical Parameters - Stereo mode	2×4 450W each channel, @ 1 kHz <0.05% T.H.D. 2×8 300W each channel, @ 1 kHz <0.05% T.H.D.
Bridge mode	1×8 900W each channel, @ 1 kHz <0.05% T.H.D.
Frequency response:	20Hz - 20 kHz; +0/-0.3 dB 1W /8
Input sensitivity	0.775V/1.0V/1.4V
Total harmonic distortion	<0.5dB
Input impedance	>20K />10K
Signal-to-noise ratio	>105 dB
Dynamic range	≥90 dB
Damping coefficient	>200
Slew rate	>15 V/us
Voltage gain	30dB
Output type	Class E
Protection function	High temperature protection, DC protection, power on protection, overload protection
External power source	220V-240V/50-60HZ
Dimension (W×D×H):	483×430×88mm
Weight	G.W. 16KG

MODEL	MA-450
TECHNICAL SPECIFICATION	
Technical Parameters - Stereo mode	2×4 780W each channel, @ 1 kHz <0.05% T.H.D. 2×8 450W each channel, @ 1 kHz <0.05% T.H.D.
Bridge mode	1×8 1200W each channel, @ 1 kHz <0.05% T.H.D.
Frequency response:	20Hz - 20 kHz; +0, -0.3 dB 1W@8
Input sensitivity	0.775V/1.0V/1.4V
Total harmonic distortion	<0.5dB
Input impedance	>20K />10K
Signal-to-noise ratio	>105 dB
Dynamic range	≥90 dB
Damping coefficient	>200
Slew rate	>15 V/us
Voltage gain	30dB
Output type	Class E
Protection function	High temperature protection, DC protection, power on protection, overload protection
External power source	220V-240V/50-60HZ
Dimension (W×D×H):	483×430×88mm
Weight	G.W. 18KG



MA-450

CLASS-E POWER AMPLIFIER

2 X 780 W@4 OHMS
2 X 450 W@8 OHMS



MODEL	MA-800
TECHNICAL SPECIFICATION	
Technical Parameters - Stereo mode	2×4 1200W each channel, @ 1 kHz <0.05% T.H.D. 2×8 800W each channel, @ 1 kHz <0.05% T.H.D.
Bridge mode	1x 8 2400W each channel, @ 1 kHz <0.05% T.H.D.
Frequency response:	20Hz - 20 kHz; +0,-0.3 dB 1W@8
Input sensitivity	0.775V/1.0V/1.4V
Total harmonic distortion	<0.5dB
Input impedance	>20K />10K
Signal-to-noise ratio	>105 dB
Dynamic range	≥90 dB
Damping coefficient	>300
Slew rate	>15 V/us
Voltage gain	30dB
Output type	Class E
Protection function	High temperature protection, DC protection, power on protection, overload protection
External power source	220V-240V/50-60HZ
Dimension (W×D×H):	483×430×88mm
Weight	G.W. 24KG

MA-800

CLASS-E POWER AMPLIFIER

2 X 1200 W@4 OHMS
2 X 800 W@8 OHMS

MODEL	MA-1000
TECHNICAL SPECIFICATION	
Technical Parameters - Stereo mode	2×4 1600W each channel, @ 1 kHz <0.05% T.H.D. 2×8 1000W each channel, @ 1 kHz <0.05% T.H.D.
Bridge mode	1x 8 2000W each channel, @ 1 kHz <0.05% T.H.D.
Frequency response:	20Hz - 20 kHz; +0,-0.3 dB 1W@8
Input sensitivity	0.775V/1.0V/1.4V
Total harmonic distortion	<0.5dB
Input impedance	>20K />10K
Signal-to-noise ratio	>105 dB
Dynamic range	≥90 dB
Damping coefficient	>300
Slew rate	>15 V/us
Voltage gain	30dB
Output type	Class E
Protection function	High temperature protection, DC protection, power on protection, overload protection
External power source	220V-240V/50-60HZ
Dimension (W×D×H):	483×430×88mm
Weight	G.W. 28KG



MA-1000

CLASS-E POWER AMPLIFIER

2 X 1600 W@4 OHMS
2 X 1000 W@8 OHMS



MODEL	MA-1500
TECHNICAL SPECIFICATION	
Technical Parameters - Stereo mode	2×4 2250W each channel, @1 kHz <0.05% T.H.D. 2×8 1500W each channel, @1 kHz <0.05% T.H.D.
Bridge mode	1×8 4500W each channel, @1 kHz <0.05% T.H.D.
Frequency response:	20Hz - 20 kHz; +0,-0.3 dB 1W@8
Input sensitivity	0.775V/1.0V/1.4V
Total harmonic distortion	<0.5dB
Input impedance	>20K />10K
Signal-to-noise ratio	>105 dB
Dynamic range	≥90 dB
Damping coefficient	>300
Slew rate	>15 V/us
Voltage gain	30dB
Output type	Class E
Protection function	High temperature protection, DC protection, power on protection, overload protection
External power source	220V-240V/50-60HZ
Dimension (W×D×H):	483×430×88mm
Weight	G.W. 30KG

MA-1500

CLASS-E POWER AMPLIFIER

2 X 2250 W@4 OHMS
2 X 1500 W@8 OHMS

MA-H120MP



High-grade aluminum standard 2U rack with black oxide brushed panel; The internal PCB adopts double-sided SMT chip circuit, which is more stable and reliable. Five-way signal input (three-way microphone, two-way channel); Built-in Bluetooth 5.0 wireless audio reception, receiving distance up to 10 meters, built-in U disk socket and remote control, power-on auto-play function, built-in FM radio and remote control function, seven-digit fluorescent display, full-function touch buttons, with 100V, 70V constant voltage output and 4 16Ω constant resistance output; The total volume adjustment function allows the volume of each input channel to be adjusted independently; independent adjustment of treble and bass; MIC1 is equipped with an adjustment switch, which can be adjusted from 0 to -30dB; Five-unit LED level display, dynamic and clear; It has perfect output short-circuit protection and over-temperature protection functions; Cooling fan temperature control starts.

MODEL	MA-H120MP
Output mode:	4-16Ω constant resistance output 70V (19Ω) 100V (39Ω) constant voltage output
Microphone input:	MIC1/MIC2/MIC3: 600Ω 5-8 mV, unbalanced;
Line input:	AUX1/AUX2: 10kΩ 150-470 mV, unbalanced
Auxiliary output:	0.775V (0 dB)
Frequency response:	60 Hz 15k Hz (3 dB)
Nonlinear distortion THD:	<0.5% at 1kHz, 1/3 of rated output power
Signal-to-noise ratio S/N:	Line:85 dB, MIC:>72 dB
Tone adjustment range:	BASS:100 Hz (10 dB), TREBLE: 12k Hz (10 dB)
Silent suppression capability:	When MIC1 is input, the signals of MIC2, MIC3, AUX1, and AUX2 are attenuated by 0 30 dB
Output adjustment rate:	< 3 dB, from static working state without signal to full load working state
Function controls:	five volume adjustments , one high and one bass adjustment, one silent adjustment, and one power switch
Cooling method:	DC 12V FAN forced air cooling method
Indicator light:	power supply : 'POWER', level display: '2, 4, 6, 8, 10'
Protection :	AC FUSE×6A AC FUSE×1, load short circuit, excessive temperature
Power cord:	(3×0.75 mm ²)×1.5M (standard)
Power supply:	AC 220V 10% 50-60Hz
Dimensions (HxWxD)	89mm×483mm×366mm
Net weight	11.36kg
Power Consumption	175W

MA-H240MP



High-grade aluminum standard 2U rack with black oxide brushed panel; The internal PCB adopts double-sided SMT chip circuit, which is more stable and reliable. Five-way signal input (three-way microphone, two-way channel); Built-in Bluetooth 5.0 wireless audio reception, receiving distance up to 10 meters, built-in U disk socket and remote control, power-on auto-play function, built-in FM radio and remote control function, seven-digit fluorescent display, full-function touch buttons, with 100V, 70V constant voltage output and 4 16Ω constant resistance output; The total volume adjustment function allows the volume of each input channel to be adjusted independently; independent adjustment of treble and bass; MIC1 is equipped with an adjustment switch, which can be adjusted from 0 to -30dB; Five-unit LED level display, dynamic and clear; It has perfect output short-circuit protection and over-temperature protection functions; Cooling fan temperature control starts.

MODEL	MA-H120MP
Output mode:	4-16Ω constant resistance output 70V (19Ω) 100V (39Ω) constant voltage output
Microphone input:	MIC1/MIC2/MIC3: 600Ω 5-8 mV, unbalanced;
Line input:	AUX1/AUX2: 10kΩ 150-470 mV, unbalanced
Auxiliary output:	0.775V (0 dB)
Frequency response:	60 Hz 15k Hz (3 dB)
Nonlinear distortion THD:	<0.5% at 1kHz, 1/3 of rated output power
Signal-to-noise ratio S/N:	Line:85 dB, MIC:>72 dB
Tone adjustment range:	BASS:100 Hz (10 dB), TREBLE: 12k Hz (10 dB)
Silent suppression capability:	When MIC1 is input, the signals of MIC2, MIC3, AUX1, and AUX2 are attenuated by 0 30 dB
Output adjustment rate:	< 3 dB, from static working state without signal to full load working state
Function controls:	five volume adjustments , one high and one bass adjustment, one silent adjustment, and one power switch
Cooling method:	DC 12V FAN forced air cooling method
Indicator light:	power supply : 'POWER', level display: '2, 4, 6, 8, 10'
Protection :	AC FUSE×6A AC FUSE×1, load short circuit, excessive temperature
Power cord:	(3×0.75 mm ²)×1.5M (standard)
Power supply:	AC 220V 10% 50-60Hz
Dimensions (HxWxD)	89mm×483mm×366mm
Net weight	13.68kg
Power Consumption	350W

MA-H3600MP



High-grade aluminum standard 2U rack with black oxide brushed panel; The internal PCB adopts double-sided SMT chip circuit, which is more stable and reliable. Five-way signal input (three-way microphone, two-way channel); Built-in Bluetooth 5.0 wireless audio reception, receiving distance up to 10 meters, built-in U disk socket and remote control, power-on auto-play function, built-in FM radio and remote control function, seven-digit fluorescent display, full-function touch buttons, with 100V, 70V constant voltage output and 4 16Ω constant resistance output; The total volume adjustment function allows the volume of each input channel to be adjusted independently; independent adjustment of treble and bass; MIC1 is equipped with an adjustment switch, which can be adjusted from 0 to -30dB; Five-unit LED level display, dynamic and clear; It has perfect output short-circuit protection and over-temperature protection functions; Cooling fan temperature control starts.

MODEL	MA-H120MP
Output mode:	4-16Ω constant resistance output 70V (19Ω) 100V (39Ω) constant voltage output
Microphone input:	MIC1/MIC2/MIC3: 600Ω 5-8 mV, unbalanced;
Line input:	AUX1/AUX2: 10kΩ 150-470 mV, unbalanced
Auxiliary output:	0.775V (0 dB)
Frequency response:	60 Hz 15k Hz (3 dB)
Nonlinear distortion THD:	<0.5% at 1kHz, 1/3 of rated output power
Signal-to-noise ratio S/N:	Line:85 dB, MIC:>72 dB
Tone adjustment range:	BASS:100 Hz (10 dB), TREBLE: 12k Hz (10 dB)
Silent suppression capability:	When MIC1 is input, the signals of MIC2, MIC3, AUX1, and AUX2 are attenuated by 0 30 dB
Output adjustment rate:	< 3 dB, from static working state without signal to full load working state
Function controls:	five volume adjustments , one high and one bass adjustment, one silent adjustment, and one power switch
Cooling method:	DC 12V FAN forced air cooling method
Indicator light:	power supply : 'POWER', level display: '2, 4, 6, 8, 10'
Protection :	AC FUSE×6A AC FUSE×1, load short circuit, excessive temperature
Power cord:	(3×0.75 mm ²)×1.5M (standard)
Power supply:	AC 220V 10% 50-60Hz
Dimensions (HxWxD)	89mm×483mm×366mm
Net weight	14.08kg
Power Consumption	485W



PD SERIES

PD series digital power amplifier adopts multi-loop control technology and modular design, which has excellent technical indicators and reliability; compared with traditional analog power amplifier, digital power amplifier has higher performance, energy saving and environmental protection; it has high efficiency, sufficient power and outstanding sound quality ,Adaptable. Especially for the power amplification technology under low impedance and high current working conditions, it has more than 95% efficiency and excellent stability; the switching power supply adopts active PFC and soft switching technology, which can adapt to the harsh grid environment and provide continuous power for the power amplifier. Surging power; this series of power amplifiers supports 2 ohm load drive capability, which is an excellent choice for various performance occasions!



PD4065

1870W×4(2Ω)
1100W×4(4Ω)
650W×4(8Ω)

MODEL	PD4065
TECHNICAL SPECIFICATION	
Technical Parameters - Stereo mode	1870W×4(2Ω), 1100W×4(4Ω), 650W×4(8Ω);
Bridge mode	3740W×2(4Ω), 2200W×2(8Ω), 1300W×2(16Ω);
Output voltage	72.1V
Conversion rate	≥50v/us
Input sensitivity	optional 38dB, 35dB, 32dB, 29dB
THD+N	0.01% (10% rated output power, typical value)
Crosstalk suppression	≥90dB
Frequency Response	20Hz - 20 kHz; 0.2 dB 1W /8 Ω
Input impedance	20K Ω (balanced), 10 K Ω (unbalanced)
Signal-to-noise ratio	≥105 dB
Damping coefficient	≥5000@8Ω
Protection functions	power supply undervoltage protection, power amplifier output DC protection, overheat protection, temperature power control, overload power control
Power requirements	90-260V AC, 50-60HZ
Body size (H×W×D)	45mm×483mm×370mm
Net weight	9kg



PD4100

2890W×4(2Ω)
1700W×4(4Ω)
1000W×4(8Ω)

MODEL	PD4100
TECHNICAL SPECIFICATION	
Technical Parameters - Stereo mode	2890W×4(2Ω), 1700W×4(4Ω), 1000W×4(8Ω)
Bridge mode	5780W×2(4Ω), 3400W×2(8Ω), 2000W×2(16Ω)
Output voltage	89.4V
Conversion rate	≥50v/us
Input sensitivity	optional 38dB, 35dB, 32dB, 29dB
THD+N	0.01% (10% rated output power, typical value)
Crosstalk suppression	≥90dB
Frequency Response	20Hz - 20 kHz; 0.2 dB 1W /8 Ω
Input impedance	20K Ω (balanced), 10 K Ω (unbalanced)
Signal-to-noise ratio	≥105 dB
Damping coefficient	≥5000@8Ω
Protection functions	power supply undervoltage protection, power amplifier output DC protection, overheat protection, temperature power control, overload power control
Power requirements	90-260V AC, 50-60HZ
Body size (H×W×D)	45mm×483mm×370mm
Net weight	9kg

SEQUENTIAL POWER

SC-802



The 8-sequence control power supply can provide you with 8 channels of AC220V/50HZ power output. The power output can be turned on and off in a certain logical sequence, and has LEDs to monitor the working status of each channel. Achieve standard, safe, automatic turning on and off control power for the entire audio system. It can effectively avoid the impact and damage to the main power supply and speakers caused by turning on and off the equipment. The control circuit uses high-reliability digital circuits and high-current relays, which are safe and have low power consumption. It adopts 1U standard chassis and standard universal AC power socket, which is easy to use.

Technical parameters:

Rated total current: 40A
Maximum output current of single channel: 16A
Working voltage: AC 100V-240V/50-60Hz
Channel control: 8 channels controllable
Action delay: off/0-999 seconds adjustable
Voltage display meter: 2-inch color LCD display
Equipped with under-voltage, over-voltage protection function and timing function
Support panel lock function to prevent misoperation
Built-in clock algorithm, can set the timer to turn on and off according to the date and time
Central control interface RS232: rear RS232 central control interface
Each device comes with its own ID and detection, enabling remote centralized control.

Supports cascade sequence control of multiple devices and automatically detects cascade settings
Save and call multiple sets of user scenario data, making scenario application simple and convenient

Support overvoltage, undervoltage detection and alarm and protection settings

Chassis height: 1U (conforms to cabinet installation standards)

Online support: Yes

Controlled function: Yes, (each channel can be controlled individually)

Product size (H×W×D): 44mm×483mm×210mm

Packaging size (H×W×D): 123mm×548mm×278mm

Weight: 3.3kg

Lawn speaker

AG-601



Lawn speaker working mode: constant voltage
rated power: 15W/20W optional size:
560mm×340mm×300mm heat resistance, power
saving, environmental protection, simple and fast
installation

Lawn speakers:

Working mode: constant pressure

Rated power: 15 W/20W optional

Dimensions: 560mm× 340mm×300mm

Heat-resistant, power-saving, environmentally
friendly

Installation is simple and quick



Audio Professional System
Motivity

www.mustech.ae

**HEADQUARTERS:
MUSTECH TRADING L.L.C-UAE**

tel. +971 4 3969838
mob. +971 50 5376498
e-mail: info@mustech.ae

MUSTECH TRADING-SUDAN
tel. +249 912153389
mob. +249 912625037
e-mail: izomustafa@gmail.com

WHITE IRIS-SAUDI ARABIA
mob. +966565426445
e-mail: Rawi@whiteirisksa.com

MOTIVITY-EGYPT
e-mail: info@motivitymiddleeast.com



mustechtrading

Address: WH:33, 16 Doha Rd - Al
Qusais Industrial Area - Dubai-
UAE



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