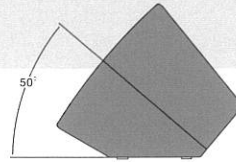


# MS Series

All models out of the MS series designed for

- Excellent sound
- Compact size
- Low weight
- versatile
- Versatile setup combinations

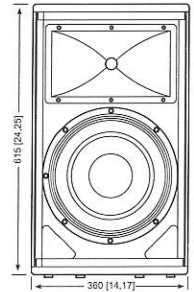


## MS-12/1+

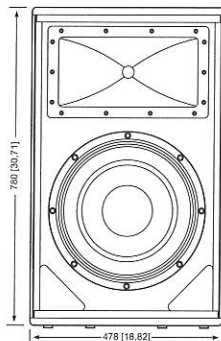
The MS-12/1+ is a 2-way full range system in a trapezoidal, Computer/CNC optimized enclosure. The loudspeaker system consists of a 12inch(65mm voice coil) ferrite magnet LF woofer in a ported sub-enclosure, and a 1inch(34mm voice coil) ferrite magnet compression driver mounted on a  $90^\circ \times 50^\circ$  horn. The enclosure is constructed with 18mm thickness high-density plywood and use MDF in other sides. Handles are balance optimized to facilitate transportation. Perforated steel is employed for frontal protection of the loudspeaker compliment.



**MS-12/1+**  
Full Range



**MS-15/1+**  
Full Range

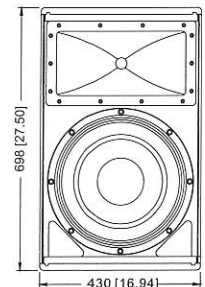


## MS-15x

The MS-15x is a 2-way full range system in a trapezoidal, Computer/CNC optimized enclosure. The loudspeaker system consists of a 15inch(65mm voice coil) ferrite magnet LF woofer in a ported sub-enclosure, and a 1inch(34mm voice coil) ferrite magnet compression driver mounted on a  $90^\circ \times 50^\circ$  horn. The enclosure is constructed with 18mm thickness high-density plywood and use MDF in other sides. Handles are balance optimized to facilitate transportation. Perforated steel is employed for frontal protection of the loudspeaker compliment.



**MS-15x**  
Full Range



## MS Series

Model:	MS-12x	MS-15x	MS-15/1+
System Power Rating	250W AES, 1000w Peak	350W AES, 1400w Peak	350W AES, 1400w Peak
Frequency Range( $\pm 3$ dB)	55Hz-20KHz	50Hz-20KHz	50Hz-20KHz
Impedance	8ohm	8ohm	8ohm
Sound Pressure Level(1w/1m)/max.cont.	98dB/128dB SPL	100dB/133dB SPL	100dB/133dB SPL
Coverage (H x V)	$90^\circ \times 50^\circ$	$90^\circ \times 55^\circ$	$90^\circ \times 55^\circ$
Transducers LF	12inch Bass Drivers	15inch Bass Drivers	15inch Bass Drivers
M/HF	1inch Compression Driver	1inch Compression Driver	1inch Compression Driver
Dimensions wxhxd(Inch)	14.17x24.21x13.78	16.93x27.48x14.49	18.82x37.71x22.06
wxhxd(millimetre)	360x615x350	430x698x368	478x780x535
Weight(Kg)	21	26	36
Connectors	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon

Specifications

**REAL**  
Sound

# MS Series

## MS System applications

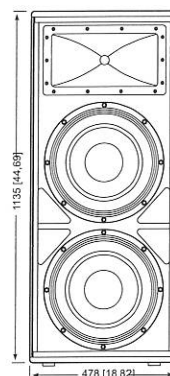
- portable And Installed A/V
- front Fill
- Under Balacony Fill
- Surround Sound Presentations
- Sistributed Systems
- Ultra Compact With Very High Output

### MS-15/2+

The MS-15/2+ is a 2-way full rang system in a trapezoidal, Computer/CNC optimized enclosure. The loudspeaker system consists of dual 15inch(65mm voice coil) ferrite magnet LF woofer in a ported sub-enclosure, and a 2inch(44mm voice coil) ferrite magnet compression driver mounted on a 90° x 50° horn. The enclosure is constructed with 18mm thickness high-density plywood and use MDF in other sides. Handles are balance optimized to facilitate transportation. Perforated steel is employed for frontal protection of the loudspeaker compliment.



**MS-15/2+**  
Full Range

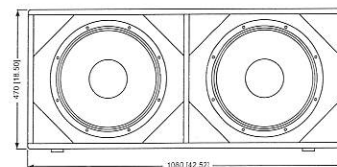


### MS-215B

A dedicated subwoofer with Dual 15inch(100mm voice coil) ferrite magnet LF driver transducers: The MS-215B is a dedicated LF/subwoofer system, computer optimized enclosure. Loudspeaker compliment consists of a dual 15inch LF woofer in a vented chamber. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 18mm thickness high density plywood and shall employ MDF in other sides. Dadoed f or strength and durability. Handles are balance-optimized to facilitate transportation. A standard tripod/polemount adaptor is included. Perforated steel is employed for frontal protection of the loudspeaker compliment.



**MS-215B**  
Bass

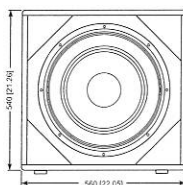


### MS-180Bx

A dedicated subwoofer with 18inch(100mm voice coil) ferrite magnet LF driver transducers: The MS-180Bx is a dedicated LF/subwoofer system, computer optimized enclosure. Loudspeaker compliment consists of a single 18inch LF woofer in a vented chamber. The loudspeaker enclosure shall be rectangular in shape. It shall be constructed of 18mm thickness high density plywood and shall employ extensive internal bracing, adopted for strength and durability. Handles are balance-optimized to facilitate transportation. A standard tripod/polemount adaptor is included. perforated steel is employed for



**MS-180Bx**  
Bass



## MS Series

### Specifications

Model:	MS-15/2+	MS-215B	MS-180BX
System Power Rating	600W AES, 2400w Peak	800W AES, 3200w Peak	450W AES, 1800w Peak
Frequency Range(±3dB)	45Hz-20KHz	35Hz-200Hz	35Hz-350Hz
Impedance	4ohm	4ohm	8ohm
Sound Pressure Level(1w/1m)/max.cont.	101dB/137dB SPL	101dB/126dB SPL	102dB/138dB SPL
Coverage (H x V)	90° x 55°	----	----
Transducers LF	2x15inch Bass Drivers	2x15inch Bass Drivers	18inch Bass Drivers
M/HF	2inch Compression Driver	----	----
Dimensions wxhxd(inch)	18.82x44.69x22.06	42.52x18.50x22.06	22.05x21.26x37.7
wxhxd(millimetre)	478x1135x535	1080x470x635	560x540x780
Weight(Kg)	52	66	49
Connectors	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon