



Passive Compact Loudspeaker/ Subwoofer

MS SERIES

MS-80/MS-80LT/MS-100/MS-130

MS-200S/MS-400S



MS SERIES



Description

MS Series is composed of fixed installation specialized 2Way Passive Compact Loudspeaker system and 10" compact subwoofer system.

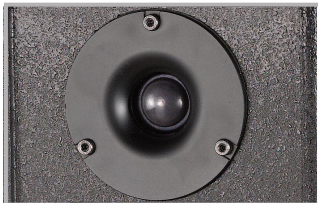
The woofer of the full range system uses globally prominent Italian FitalPRO to enhance the quality and durability. Northern Europe premium grade birch enclosure maximizes potential of the woofer. High efficiency soft dome tweeter(MS-80, MS-80LT) or titanium driver helps maintain seamless sound regardless of high and low frequency range. It particularly suits for fixed installation in small to medium-sized venues.

10" compact subwoofer is from BEYMA, a well-known Spanish manufacturer. Though it is small-sized, it can play maximum of 35 Hz in low frequency range. By using it with the full range system, it can enhance the low frequency range even better to play sound sources in mid to high frequency range.

MS Series is made by remarkable specialists in the biggest Korean domestic speaker factory located in Ganap-ri.

- Fixed installation specialized system
- Highly efficient product woofer of FitalPRO(MS-80, MS-80LT, MS-100, MS-130)
- Highly efficient woofer of BEYMA(MS-200S, MS-400S)
- HF driver protection circuit
- Northern Europe premium grade birch enclosure(except for MS-80LT)
- Sturdy environment-friendly Eucalyptus enclosure(MS-80LT)
- Environment-friendly sound absorbing materials
- Safety reinforced ANSI standardized enclosure
- Three 5", 6", 8" 2 way full range models(MS-80, MS-100, MS-130)
- One 5" 2 way full range high impedance model(MS-80LT)
- Single 10", Dual 10" compact subwoofer(MS-200S, MS-400S)

Features



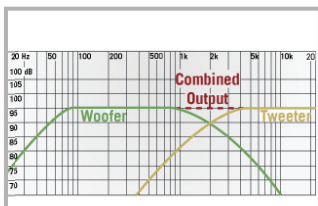
2 Way Passive Compact Loudspeaker

2 way passive models of MS Series use woofers from FitalPRO, the Italian. MS Series is composed of soft dome tweeter applied HF driver adopted 5" models(MS-80/MS-80LT) for Near Field and titanium driver applied 6" and 8" models(MS-100, MS-130). It is compact and capable of playing sound sources clearly and with high quality.



10" Compact Subwoofer

MS Series adopted 10" woofer from Spanish corporation BEYMA. Though compact, it can play maximum of 35Hz in low frequency range. With this ability, it can be applied to various applications.



Enclosure&Crossover

The enclosure is made up of sturdy Northern European birch plywood. The enclosure tuning by computer simulation provides seamless sound and expresses rich sound by flat frequency response. High impedance model, MS-80LT is composed of environment-friendly and sturdy Eucalyptus plywood.

Through delicate passive network tuning, it reduces crossover lobbing and phase rotation to play sound sources clearly and with high quality.



High Impedance Model(MS-80LT)

Among the 5" 2 way models, there is one model with high impedance trance built in for 70V/100V which can be used in mid to large-sized venues without losing transmission.

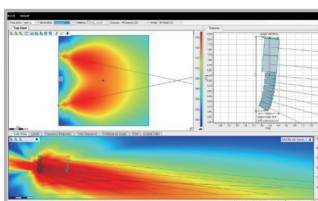
Easy Installation

2 way full range system of MS Series has M6 rigging points which enables to be connected easily and safely using the I bolts. (seven MS-80s, three MS-80LTs, eight MS-100/MS-130s)



Fixed Installation

MS Series can be used in various situations such as flying and pole mounting purposes. Pentagon shaped enclosure enables the Series to be used as a monitor speaker. MS Series has a selection of four models, 8", 10", 12", 15" to be suited in diverse venues.



Ease Data

Sound simulation software EASE Focus offered by AFMG is supplied as a standard in the field. The system perfectly suits for speaker installed applications and using the EASE Focus, simulating speaker sound pressure dispersion is possible. Inter-M provides speaker data for EASE and EASE Focus. .

MS SERIES

Recommended Amplifiers

	MS-80 80 W(8 Ω)	MS-100 100 W(8 Ω)	MS-130 130 W(8 Ω)	MS-200S 200 W(8 Ω)	MS-400S 400 W(8 Ω)
L-800	O	O	O		
L-1400			O		
L-1800				O	O
L-2400				O	
L-3000					O
V2-1000	O	O			
V2-2000			O		
V2-3000				O	O
DPA-150Q	O	O			
DSA-300E	O	O			
DSA-600Q			O	O	O

L Series : High-current toroidal type transformer, stable and sturdy power amplifier that provides lasting power



2CH Professional Power Amplifier(200 W/8 Ω)
----- L-800 -----



2CH Professional Power Amplifier(280 W/8 Ω)
----- L-1400 -----



2CH Professional Power Amplifier(3600 W/8 Ω)
----- L-1800 -----



2CH Professional Power Amplifier(500 W/8 Ω)
----- L-2400 -----



2CH Professional Power Amplifier(1000 W/8 Ω)
----- L-3000 -----

V2 Series : High power but low weight power amplifier with SMPS



2CH Professional & Commercial Installation
(170 W/8 Ω)
----- V2-1000 -----



2CH Professional & Commercial Installation
(280 W/8 Ω)
----- V2-2000 -----



2CH Professional & Commercial Installation
(500 W/8 Ω)
----- V2-3000 -----

DSA Series : Class-D type multi-channel digital power amplifier



4CH Digital Power Amplifier(150 W/8 Ω)
----- DSA-300E -----



4CH Digital Power Amplifier(150 W/8 Ω)
----- DSA-600Q -----

DPA Series : Class-D type multi-channel digital power amplifier for both PA & SR use



8CH Digital SR Amplifier(150 W/8 Ω)
----- DPA-150Q -----

Specification

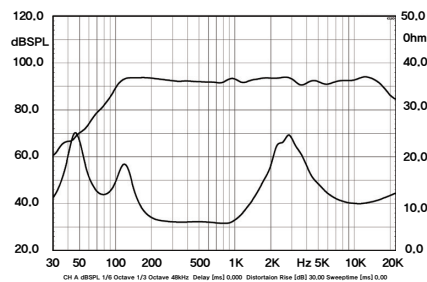
Model	MS-80	MS-80LT	MS-100	MS-130	MS-200S	MS-400S
Type	5" 2Way passive	5" 2Way Passive High Impedance	6" 2Way passive	8" 2Way passive	10" Subwoofer	Dual 10" Subwoofer
Frequency Response(-10 dB)	60 Hz-20 KHz		50 Hz-20 kHz	45 Hz-20 kHz	35 Hz~250 Hz	35 Hz~250 Hz
Rated Power(AES)	80 W		100 W	130 W	200 W	400 W
Rated Power(Program)	160 W		200 W	260 W	400 W	800 W
Rated Power(Peak)	320 W		400 W	520 W	800 W	1600 W
Recommended Power	160 W		200 W	260 W	400 W	800 W
Sensitivity(1 W/1 m@300, 400, 500, 600 Hz)	88 dB SPL		90 dB SPL	94 dB SPL		98 dB SPL
Maximum SPL (Continuous/Peak)	113 dB SPL		116 dB SPL	121 dB SPL	123 dB SPL	130 dB SPL
Norminal Dispersion(H/V)	120° Conical		90°H/60°V(Rotatable)		OMNI	
Nominal Impedance	8 Ω					4 Ω
Transformer Taps(70 V/100 V)	-	70 V : 62 Ω/125 Ω/ 250 Ω/ 500 Ω/1k Ω,80 W/ 40 W/20 W/ 10 W/5 W 100 V : 125 Ω/250 Ω/ 500 Ω/1k Ω/2k Ω, 80 W/40 W/20 W/ 10 W/5 W	-			
Recommended High-Pss Filter	60 Hz 12 dB/Oct.			50 Hz 12 dB/Oct.	40 Hz 12 dB/Oct.	
LF Driver	5" Woofer(FaitalPRO)		6" Woofer(FaitalPRO)	8" Woofer(FaitalPRO)	10" Woofer(BEYMA)	
HF Driver	1.35" Soft Dome Tweeter Titanium(CIC ADA)driver		1.35" Titanium Compression driver		-	
Horn	-		Rotatable Horn		-	
Enclosure Material	12 mm Birch Plywood	15 mm Eucalyptus	12 mm Birch Plywood			
Grill	Black powder coated 14 guage hexagon perforated steel, protection mesh backing/Powder Coated Punching Metal					
Connectors	2xNL4+Euroblock	Screw Type Terminal	2xNL4+Euroblock			
Fittings/Suspension	7xM6	3xM6	8xM6		-	
Finish	Textured black RoHS compliant paint/WATER-BORNE PAINTING					
Color	BLACK/WHITE					
Weights(Net/Shipping)	7.9lb	8.4lb	14.8lb	20.1lb	28.7lb	47.6lb
Dimensions(WxHxD)	6.1x9.9x8.3 in	5.9x8x8.2 in	8.3x14.8x10.6 in	9.6x16.5x12.9 in	14.4x12.6x17.1 in	28.2x12.6x17.1 in
Optional Accessorys	MSB-80 U Bracket	MSB-80 U Bracket	MSB-100 U Bracket	MSB-130 U Bracket	-	

*AES standard, pink noise with 6 dB crest factor : 2 hours rated power

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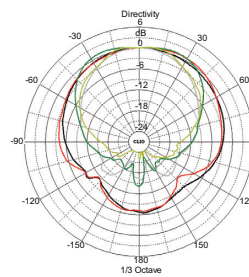
Technical Data

MS-80

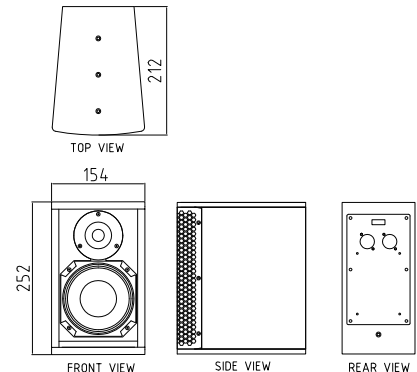


FREQUENCY RANGE & IMPEDANCE

500Hz
1000Hz
2000Hz
4000Hz
8000Hz

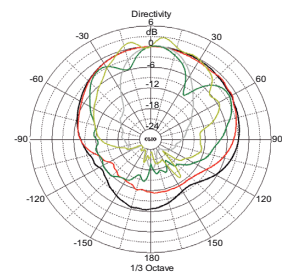


POLAR PATTERN (HOR)



DIMENSION

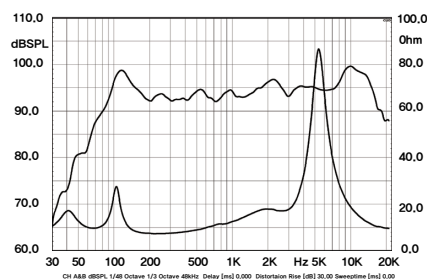
500Hz
1000Hz
2000Hz
4000Hz
8000Hz



POLAR PATTERN (VER)

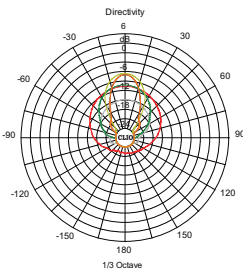


MS-100

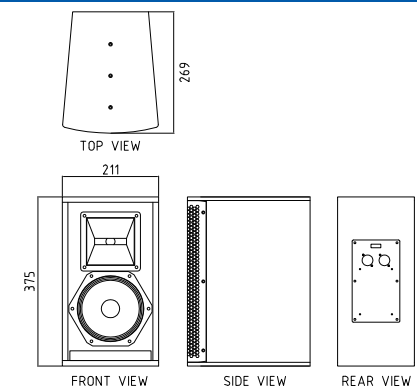


FREQUENCY RANGE & IMPEDANCE

500Hz
500Hz
1000Hz
2000Hz
4000Hz
8000Hz

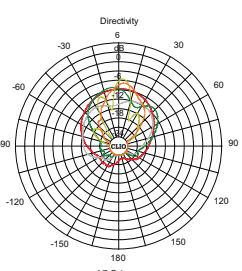


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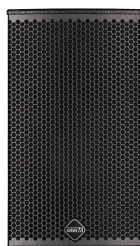


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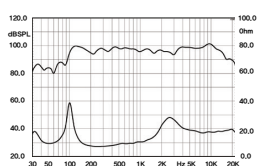
500Hz
500Hz
1000Hz
2000Hz
4000Hz
8000Hz



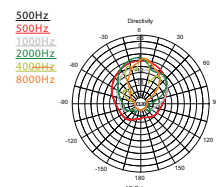
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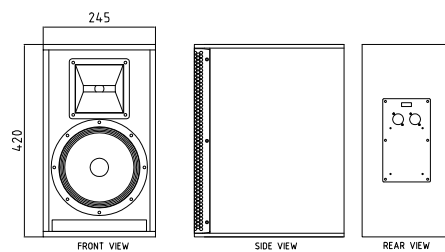
MS-130



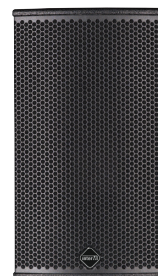
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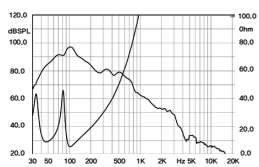
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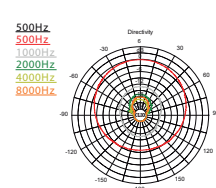
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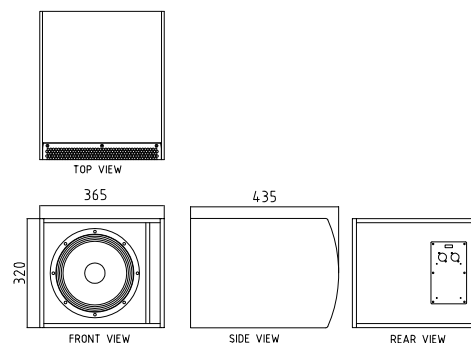
MS-200S



FREQUENCY RANGE & IMPEDANCE



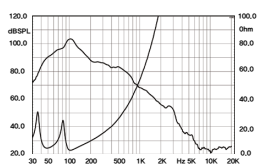
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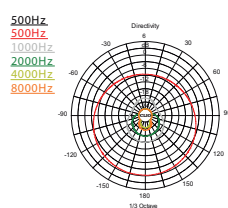
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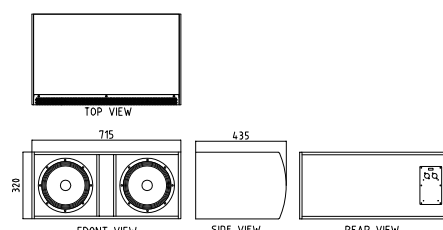
MS-400S



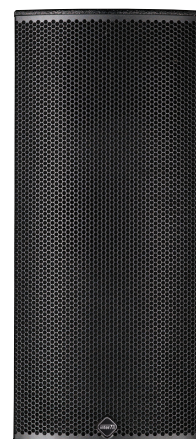
FREQUENCY RANGE & IMPEDANCE



POLAR PATTERN (VER)



DIMENSION



MS SERIES



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※ Design and specification are subject to be changed for the improvement of product quality without pre notice.

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