



2Way Passive Portable Loudspeaker

IX SERIES

IX8H/IX12H/IX15H

IX8/IX12/IX15

IX8HT



IX SERIES



Description

IX Series is a portable speaker that adopts sturdy ABS enclosure to be used for portable uses and as a monitor speaker.

From 8" 2 Way Compact model to 12" 2 Way, 15" 2 Way, it offers a selection to suit for various purposes. Every model offers clear and powerful sound.

The Series uses supreme quality American EMINENCE woofer that guarantees its quality and durability.

IX Series has high power models IX-8H, IX-12H and IX-15H. High cost performance models IX-8, IX-12 and IX-15. High-Impedance model IX-8HT for long distance transmission.

- Three high-efficient and high acceptance input models : IX-8H, IX-12H, IX-15H
- Three high-efficient and high cost performance models : IX-8, IX-12, IX-15
- One high-impedance model for 70 V/100 V : IX-8HT
- A selection of 8", 12", 15" three type woofers
- Wide area coverage by angle of beam spread of 90°(H)×60°(V)
- Use hole cups(all models) and built-in rigging points to install(IX-12, IX-15, IX-12H, IX-15H)
- Protection circuit to shield HF driver
- Use as a monitor speaker
- By efficient enclosure tuning and passive network tuning, the series covers a large area with powerful sound sources.

Features



2 Way Passive Full Range

IX Series is a 2 Way Passive Full Range High Power Multi-Purpose Speaker that applied prominent American EMINENCE energetic high power woofer and high power titanium driver. As IX Series covers a wide range of frequency with clarity, it can maximize its potential in various applications.



Crossover&Enclosure

The enclosure tuning by computer simulation and passive network tuning provide seamless sound and express rich sound by flat frequency response.



Connection

With the two Speakon terminals on the rear network panel, it is easy to connect the wiring and install.



High-Impedance Model(IX8HT)

IX-8HT has a high-impedance trance for 70 V/100 V to prevent losses during transmission. It can be used in mid to large sized venues. 70 V Line : 115 W, 100 V Line : 225 W



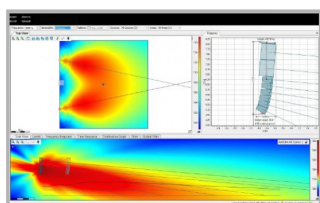
Easy Installation

With the built-in hole cups, it can be used for stand mount purposes. IX-12, IX-12H, IX-15 and IX-15H use M8 rigging points which enables connection by wire using I-type bolts.



Multi-purpose Speaker

IX Series is a multipurpose speaker which can be used for both portable purposes such as a main speaker or monitor speaker and for fixed installation purposes



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.

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Recommended Amplifiers

	IX8H 225 W(8 Ω)	IX12H 425 W(8 Ω)	IX15H 625 W(8 Ω Bridge)	IX8 125 W(8 Ω)	IX12 200 W(8 Ω)	IX15 300 W(8 Ω)
L-1400				O		
L-1800	O				O	
L-2400	O		O		O	
L-3000			O			O
V2-2000				O		
V2-3000	O		O		O	
V2-4000		O				O
V2-4000		O				
V2-5000						
DSA-600Q				O	O	

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



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



2CH Professional Power Amplifier(360 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(280 W/8 Ω)
V2-2000



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



2CH Professional & Commercial Installation(700 W/8 Ω)
V2-4000



2CH Professional & Commercial Installation(900 W/8 Ω)
V2-5000

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



4CH Digital SR Amplifier(300 W/8 Ω)
DSA-600Q

Specification

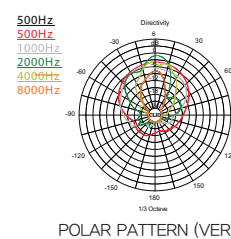
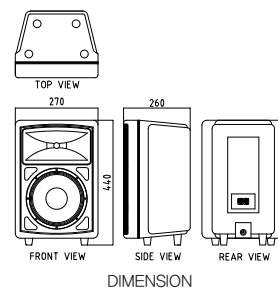
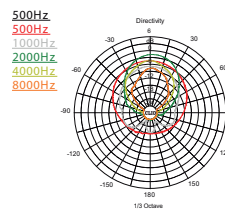
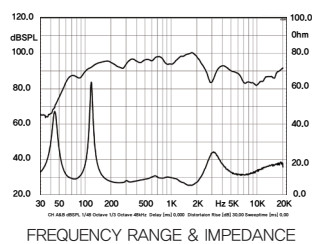
Model	IX8H	IX12H	IX15H	IX8	IX12	IX15	IX8HT
Type	High Power 8"2way Passive	High Power 12"2way Passive	High Power 15"2way Passive	8"2Way Passive	12"2Way Passive	15"2Way Passive	High Power 8"2way Passive High Impedance
Frequency Response (-10 dB)	60 Hz-20 kHz	48 Hz-20 kHz	39 Hz-20 kHz	55 Hz-20 kHz	50 Hz-20 kHz	40 Hz-20 kHz	60 Hz-20 kHz
Rated Power(AES)	225 W	425 W	625 W	125 W	200 W	300 W	225 W
Rated Power(Program)	450 W	950 W	1250 W	250 W	400 W	600 W	450 W
Rated Power(Peak)	900 W	1700 W	2500 W	600 W	800 W	1200 W	900 W
Recommended Power	450 W	950 W	1250 W	250 W	400 W	600 W	450 W
Sensitivity (1 W/1 m@300, 400, 500, 600 Hz)	99 dB SPL	100 dB SPL	101 dB SPL	95 dB SPL	96 dB SPL	97 dB SPL	99 dB SPL
Maximum SPL (Continuous/ Peak)	128 dB SPL	132 dB SPL	135 dB SPL	122 dB SPL	125 dB SPL	127 dB SPL	128 dB SPL
Normalinal Dispersion(H/V)	90°H/60°V						
Nominal Impedance	8 Ω						
Transformer Taps (70 V/100 V)	-						70 V : 44.4 Ω, 115 W 100 V : 44.4 Ω, 225 W
Recommended High-Pass Filter	50 Hz 12 dB/Oct.	45 Hz 12 dB/Oct.	35 Hz 12 dB/Oct.	50 Hz 12 dB/Oct.	45 Hz 12 dB/Oct.	35 Hz 12 dB/Oct.	50 Hz 12dB/Oct.
LF Driver	8" High Power Woofer (EMINENCE USA)	12" High Power Woofer (EMINENCE USA)	15" High Power Woofer (EMINENCE USA)	8"Woofer (EMINENCE)	12"Woofer (EMINENCE)	15"Woofer (EMINENCE)	8" High Power Woofer
HF Driver	1.3" Titanium Compression driver	1" Polyester Compression driver					1.35" Titanium Compression driver
Horn	Integrally Molding						
Enclosure Material	ABS Injection						
Grill	Powder Coated Punching Metal						
Connectors	2xNL4	2xNL4	2xNL4	2xNL4	2xNL4 with 2P Screw Terminal	2xNL4	2xNL4 with 2P Screw Terminal
Fittings/Suspension	35 mm Pole Cup						
Color	Black						
Dimensions(WxHxD)	270x430x260 (10.6x16.9x10.2 in)	424x640x342 (16.7x25.5x13.5 in)	480x710x384 (18.9x28x15.1 in)	270x430x260 (10.6x16.9x10.2 in)	424x640x342 (16.7x25.5x13.5 in)	480x710x384 (18.9x28x15.1 in)	270x430x260 (10.6x16.9x10.2 in)
Weights (Net/Shipping)	7.9 kg/17.4 lbs	17.8 kg/39.2 lbs	24 kg/52.9 lbs	6.3 kg/14.1 lbs	15.5 kg/34.2 lbs	19.6 kg/43.2 lbs	TBD

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

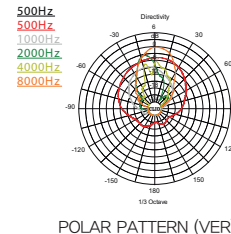
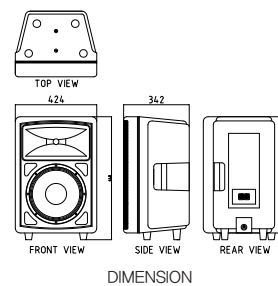
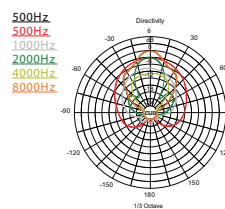
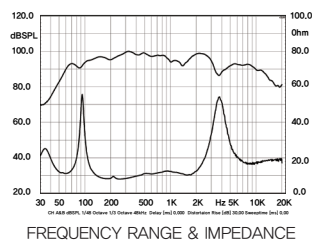
IX SERIES

Technical Data

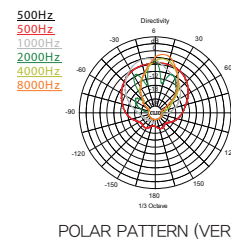
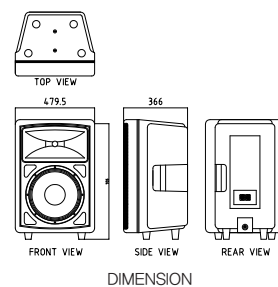
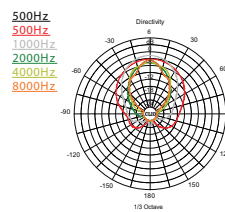
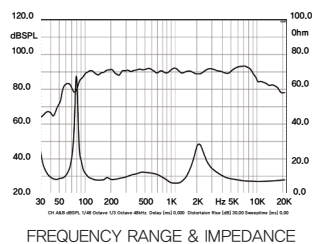
IX8H

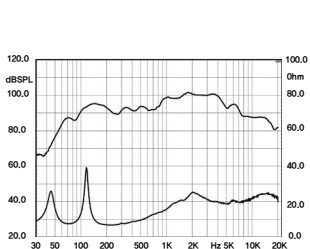


IX12H

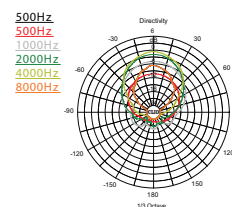


IX15H

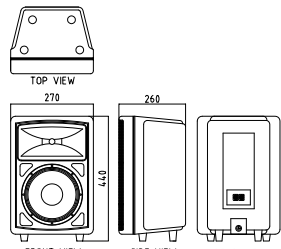




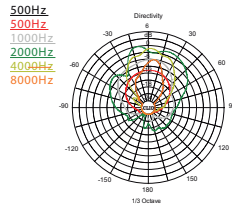
FREQUENCY RANGE & IMPEDANCE



POLAR PATTERN (HOR)

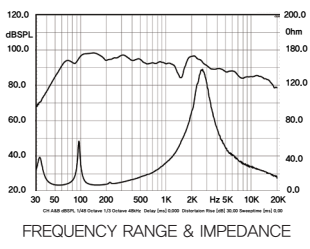


DIMENSION

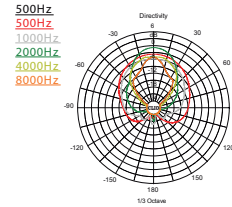


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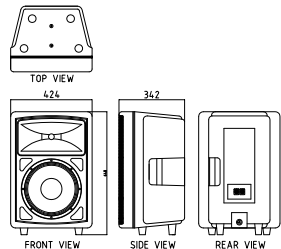
IX8



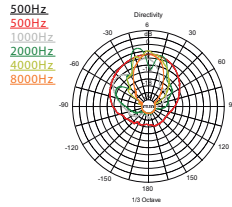
FREQUENCY RANGE & IMPEDANCE



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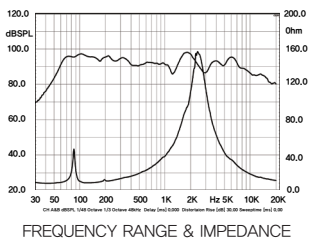


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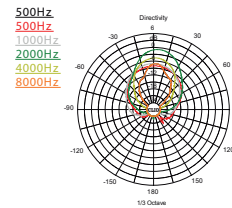


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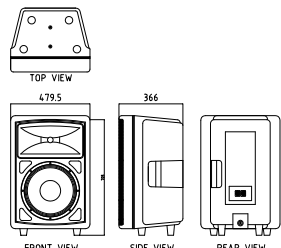
IX12



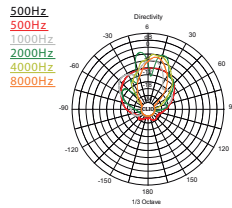
FREQUENCY RANGE & IMPEDANCE



POLAR PATTERN (HOR)



DIMENSION



POLAR PATTERN (VER)

IX15



IX 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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