HQ series

HQ 112.64 DX

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 23/04/2024

SOUND WITH SOUL

KEY FEATURES

- Two-way long-throw system
- DX finish (Fiberglass) for direct exposure
- Horn loaded 12" low frequency loudspeaker
- M-78N neodymium compression driver
- Selectable passive/biamplified operating modes
- Tight 60° x 40° coverage angles
- Rotatable horns
- Stainless steel rigging kit

DESCRIPTION

The HQ-112.64 is offered in two exposure ratings-"covered exposure" (CX) for applications where cabinets are covered or protected, and "direct exposure" (DX) where cabinets are unprotected and directly exposed to the environment. The CX versions are protected with a thick ISO-flex coating on both the exterior and interior surfaces. The DX versions augment the protection rating by employing a fiberglass exterior and a gel coat sealed interior. Both versions are rated IP54.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	80 Hz – 18 kHz
Horizontal Coverage (-6 dB)	60°
Vertical Coverage	40°
Nominal Impedance	Passive: 8 ohms
Nominal Impedance MF	8 ohms
Nominal Impedance HF	8 ohms
RMS Power Handling	Passive: 400 W
RMS Power Handling HF	150 W
RMS Power Handling MF	400 W
Peak Power Handling	Passive: 1600 W
Peak Power Handling MF	1600 W
Peak Power Handling HF	400 W
On-axis Sensitivity 1W/1 m	Passive: 110 dB SPL
On-axis Sensitivity 1W/1 m MF	110 dB SPL
On-axis Sensitivity 1W/1 m HF	110 dB SPL
Maximum Peak SPL at 1 m	Passive: 142 dB
Maximum Peak SPL at 1 m MF	142 dB
Maximum Peak SPL at 1 m HF	138 dB
Recommended Amplifier	DX-100I-230 DX-100I-115 DX-80I-230 DX-80I-115

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Recommended Processor	INTEGRAL-M88 INTEGRAL-MA1604 INTEGRAL-MA1004

Connectors

Audio Input Connector	1 x speakON NL4 Covered Barrier Strip Terminals
Audio Output Connector	1 x speakON NL4 Covered Barrier Strip Terminals

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Trapezoidal
Rigging	M10 Rigging Points
Finish	Fiberglass
Color	Black
Depth	605 mm (24,0 in)
Dimensions (H x W x D)	990 x 685 x 605 mm 39,0 x 27,0 x 24,0 in
Net Weight	56,0 kg (123,5 lb)

Components

LF Driver	12HQN
HF Driver	M-78N
Horn/Waveguide	BCH-6040-7037 BCM-7545-7037

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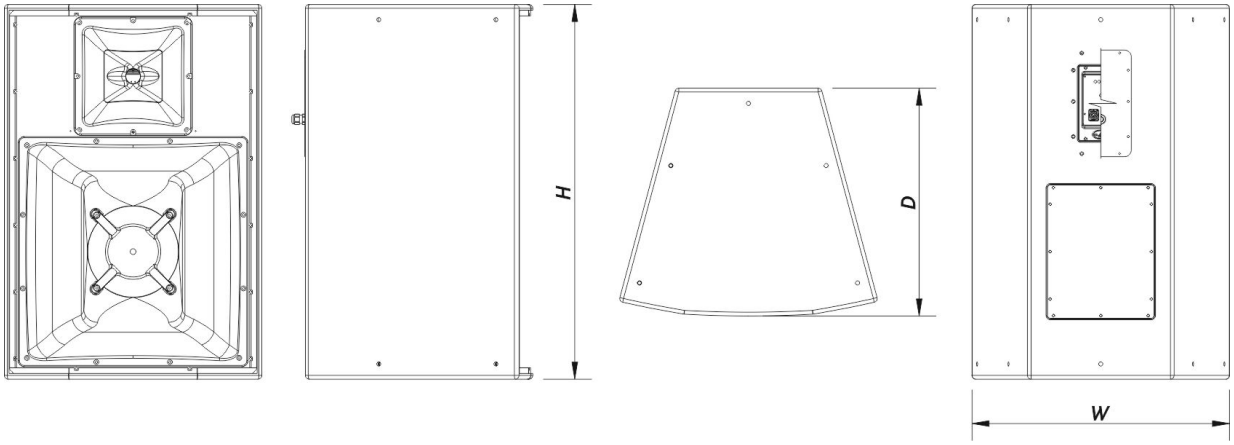
Shipping	
Carton Dimensions (H x W x D)	1.070 x 650 x 745 mm 42,1 x 25,6 x 29,3 in
Shipping Weight	60,5 kg (133,4 lb)

DIMENSIONS



ORDERING INFORMATION

Model	Description	P/N
System		
HQ-112.64-DX		10432020
Replacement Parts		
12HQN	Cone Transducer	20208890
BCH-6040-7037	Horn	30006307
BCM-7545-7037	Horn	30006311
F-HQ112.64.95	Filter	30009041

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GM-12HQ	Recone Kit	20208536
GM-M75N	Diaphragm	20205080
M-78N	Compression Driver	20208860

Accessories

ANL-2	Rigging Accessories	10101020
AX-HQ-X12	Rigging Accessories	10107001
JP-HQ-112	Rigging Accessories	10107003
UFB	Rigging Accessories	10105040

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