

EN54 series



WR-6412-DX

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 17/09/2024



SOUND WITH SOUL

KEY FEATURES

- EN54-24 certified for use in voice alarm systems
- 2-way system for outdoor installation
- DX finish (Fiberglass) for direct exposure
- IP54 ingress protection rating
- 1 x 12AV loudspeaker
- M-75 compression driver with 3" diaphragm
- Rotatable 60° x 40° horn design
- Stainless steel fixing points

DESCRIPTION

The WR-6412-DX employs a 12AV woofer for low frequency reproduction. A M-75 compression driver with 3" titanium diaphragm attached to a 60° x 40° rotatable horn provides exceptional high frequency reproduction. The rugged birch plywood cabinet construction is available in black, white or military grey depending on the finish.

The WR-6412-DX offers two exposure ratings: CX (covered exposure) for applications where cabinets are covered or protected, and DX (direct exposure) where cabinets are unprotected and directly exposed to the environment. The CX versions are protected with a thick ISO-flex polyurea coating on the exterior surface. The DX versions augment the protection rating by employing a fiberglass exterior. Stainless steel fittings and mounting hardware are offered on both versions.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	60 Hz – 20 kHz
Horizontal Coverage (-6 dB)	60°
Vertical Coverage	40°
Nominal Impedance	8 ohms
RMS Power Handling	400 W
Peak Power Handling	1600 W
On-axis Sensitivity 1W/1 m	98 dB SPL
Maximum Peak SPL at 1 m	130 dB

Recommended Amplifier	INTEGRAL-A402
	INTEGRAL-A404
	INTEGRAL-A1002
	INTEGRAL-A1004
	INTEGRAL-A1602
	INTEGRAL-A1604
	INTEGRAL-MA1004
	INTEGRAL-MA1604
Recommended Processor	INTEGRAL-M88
	INTEGRAL-MA1604
	INTEGRAL-MA1004

Connectors

Audio Input Connector	Covered Barrier Strip Terminals
Audio Output Connector	Covered Barrier Strip Terminals

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Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Trapezoidal
Rigging	M10 Rigging Points
Finish	Fiberglass
Color	Black
IP Rating	IP54
Depth	395 mm (15,6 in)
Dimensions (H x W x D)	705 x 395 x 395 mm 27,8 x 15,6 x 15,6 in
Net Weight	31,5 kg (69,5 lb)

Components

LF Driver	12P
HF Driver	M-75
Horn/Waveguide	BC-64AL

Shipping

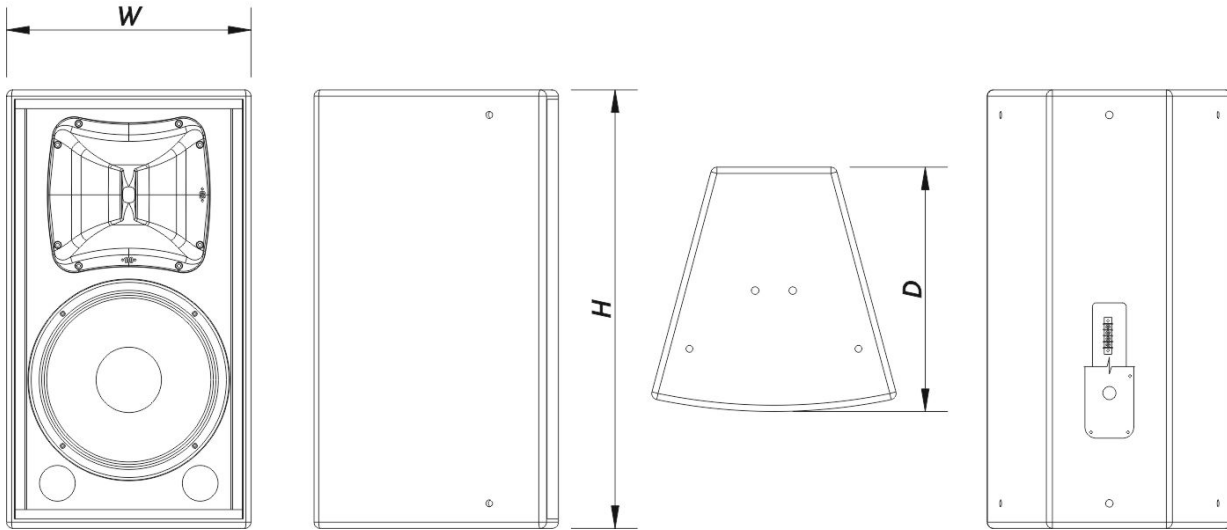
Carton Dimensions (H x W x D)	773 x 458 x 472 mm 30,4 x 18,0 x 18,6 in
Shipping Weight	34,0 kg (75,0 lb)

DIMENSIONS

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ORDERING INFORMATION

Model	Description	P/N
System		
WR-6412-DX		10428060
Replacement Parts		
12P	Cone Transducer	10209050
BC-64AL	Horn	30004873
F-WR6412-5	Filter	30005703
GM-12P	Recone Kit	20208110
GM-M75N	Diaphragm	20205080
M-75	Compression Driver	10208100
Accessories		
ANL-2	Rigging Accessories	10101020

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AX-SPG1	Installation & Stacking Acc.	10105050
AXC-AT	Installation & Stacking Acc.	10104310
AXF-X12	Installation & Stacking Acc.	10104831
AXU-WR6412	Installation & Stacking Acc.	10104710

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