

artec 300 series



ARTEC-312.96-W

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 17/01/2025



SOUND WITH SOUL

KEY FEATURES

- 1 x 12MI low frequency loudspeaker, 2.5" VCD
- 1 x M-34 compression driver
- Rotatable 90° x 60° horn
- Vertical or horizontal positioning
- Optional AXU-AR312-W U-Bracket
- M10 rigging points

DESCRIPTION

The ARTEC-312.96-W is a compact 2-way full-range loudspeaker system comprised of one 12" low frequency transducer and one M-34 compression driver with titanium diaphragm. The rotatable waveguide provides 90° x 60° coverage and allows the systems to be installed in either the vertical or horizontal position maintaining the needed dispersion characteristics.

The Artec-300 cabinets are constructed from Baltic Birch plywood and finished with a durable ISO-flex paint. The trapezoidal enclosure design helps eliminate standing wave coloration.

The cabinet is fitted with M10 threaded suspension points.

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SPECIFICATIONS

Performance

Frequency Range (-10 dB)	60 Hz – 18 kHz
Horizontal Coverage (-6 dB)	90°
Vertical Coverage	60°
Nominal Impedance	8 ohms
RMS Power Handling	300 W
Peak Power Handling	1200 W
On-axis Sensitivity 1W/1 m	90 dB SPL
Maximum Peak SPL at 1 m	127 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	ISO-flex Paint
Color	White
Depth	375 mm (14,8 in)
Dimensions (H x W x D)	615 x 385 x 375 mm 24,2 x 15,2 x 14,8 in
Net Weight	19,0 kg (41,9 lb)

Components

LF Driver	12MI
HF Driver	M-34
Horn/Waveguide	BC-916

Shipping

Carton Dimensions (H x W x D)	710 x 450 x 450 mm 28,0 x 17,7 x 17,7 in
Shipping Weight	21,0 kg (46,3 lb)

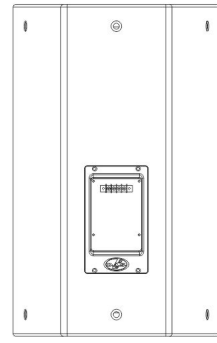
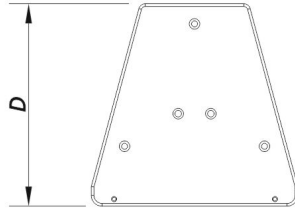
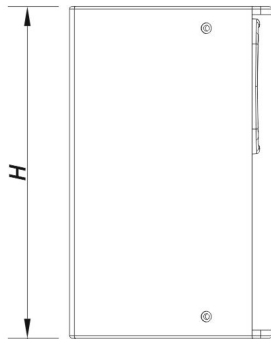
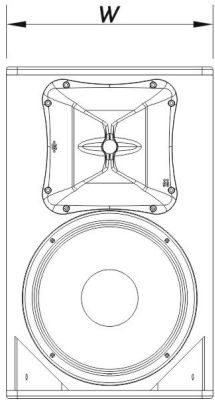
DIMENSIONS

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ORDERING INFORMATION

Model	Description	P/N
System		
ARTEC-312.96-W		10423856
Replacement Parts		
12MI	Cone Transducer	10214310
BC-916	Horn	30006590
F-AR312.96	Filter	30006576
GM-12MI	Recone Kit	20208290
GM-M34	Diaphragm	20205060
LAMP-F-21	Lamp	30000535
M-34	Compression Driver	10207080
Accessories		
ANL-2	Rigging Accessories	10101020
AX-SPG1	Installation & Stacking Acc.	10105050

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AXC-AT	Installation & Stacking Acc.	10104310
AXR-AR5-W	Installation & Stacking Acc.	10104880
AXU-AR312-W	Installation & Stacking Acc.	10105100

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