

artec 300 series



ARTEC-315.96



DESCRIPTION

The ARTEC-315.96 is a compact 2-way full-range loudspeaker system comprised of one 15" 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 and at the same time, permits close-packed horizontal or vertical arrays.

KEY FEATURES

- 1 x 15MI low frequency loudspeaker, 2.5" VCD
- 1 x M-34 compression driver
- Rotatable 90° x 60° horn
- Vertical or horizontal positioning
- Optional AXU-AR315 U-Bracket
- M10 rigging points

APPLICATIONS

- A/V systems and corporate events
- Meeting rooms, classrooms, and exhibit areas
- Installations in bars and clubs

The cabinet is fitted with M10 threaded suspension points. Four VESA75/VESA100 standard threaded mounting points on the rear of the cabinet provide a secure fixing point for DAS mounting brackets.

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	47 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90°
Vertical Coverage	60°
Nominal Impedance	8 ohms
RMS Power Handling	350 W
Peak Power Handling	1400 W
On-axis Sensitivity 1W/1 m	96 dB SPL
Maximum Peak SPL at 1 m	127 dB
Recommended Amplifier	PA-1500
Recommended Processor	DSP-226

Connectors

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

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Trapezoidal
Rigging	M10 Rigging Points
Finish	ISO-flex Paint
Color	Black



Depth	380 mm (15,0 in)
Dimensions (H x W x D)	715 x 445 x 380 mm 28,2 x 17,5 x 15,0 in
Net Weight	22,5 kg (49,6 lb)

Components

LF Driver	15MI
HF Driver	M-34
Horn/Waveguide	BC-916

Shipping

Carton Dimensions (H x W x D)	810 x 440 x 510 mm 31,9 x 17,3 x 20,1 in
Shipping Weight	24,5 kg (54,0 lb)

ORDERING INFORMATION

Performance

Model	Description	P/N
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System

ARTEC-315.96		10423828
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Replacement Parts

15MI	Cone Transducer	10214290
BC-916	Horn	30006590
F-AR315	Filter	30006593
GM-15MI	Recone Kit	20208270
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
AXC-AT	Installation & Stacking Acc.	10104310
AXR-AR5	Installation & Stacking Acc.	10104870
AXU-AR315	Installation & Stacking Acc.	10105110

DIMENSIONS

