artec 300 series



ARTEC-310.96-T



DESCRIPTION

The ARTEC-310.96T is a compact 2-way full-range loudspeaker system comprised of one 10" low frequency transducer and one M-34 compression driver with titanium diaphragm. The rotatable waveguide provides $90^{\circ} \times 60^{\circ}$ 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.

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. The cabinet is delivered with a U-bracket mount and factory installed line transformer.

KEY FEATURES

- 1 x 10MI low frequency loudspeaker, 2.5" VCD
- ·1 x M-34 compression driver
- · VESA75/VESA100 standard threaded mounting points
- Rotatable 90° x 60° horn
- \cdot Vertical or horizontal positioning
- \cdot Version with factory installed multi-tap transformer
- ·12.5 W/25 W/50 W/100 W (70 V)
- · 25 W/50 W/100 W (100 V)
- AXU-A310 U-Bracket included

APPLICATIONS

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

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	60 Hz - 18 kHz
Horizontal Coverage (-6 dB)	90°
Vertical Coverage	60°
Nominal Impedance	8 ohms
Transformer Taps 70 V	12.5 W, 25 W, 50 W, 100 W
Transformer Taps 100 V	25 W, 50 W, 100 W
RMS Power Handling	250 W
Peak Power Handling	1000 W
On-axis Sensitivity 1W/I m	90 dB SPL
Maximum Peak SPL at 1 m	126 dB
Recommended Amplifier	PA-900
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



ARTEC-310.96-T

Rigging	M10 Rigging Points	
Finish	ISO-flex Paint	
Color	Black	
Depth	345 mm (13,6 in)	
Dimensions (H x W x D)	610 x 295 x 345 mm 24,0 x 11,6 x 13,6 in	
Net Weight	15,5 kg (34,2 lb)	
Components HF Driver	M-34	
Horn/Waveguide	BC-916	
Shipping		
Carton Dimensions (H x W x D)	705 x 391 x 416 mm 27,8 x 15,4 x 16,4 in	

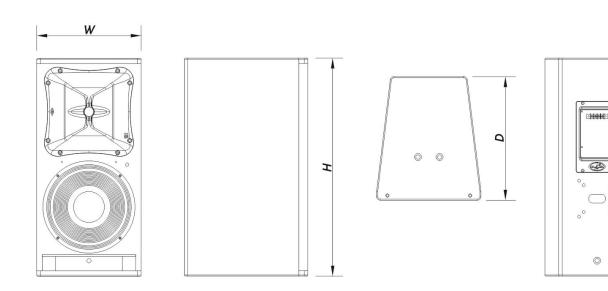
ORDERING INFORMATION

Model	Description	P/N
System		
ARTEC-310.96-T		10423849
Replacement Part	s	
BC-916	Horn	30006590
F-ACT15	Filter	30005082
GM-10MI	Recone Kit	20208421
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
AXF-AR510	Installation & Stacking Acc.	10104810
AXR-AR5	Installation & Stacking Acc.	10104870
AXW-3	Installation & Stacking Acc.	10104850

00

00

DIMENSIONS





DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988 Fuente del Jarro - Valencia - Spain - Tel. +34961340860 Updated (DD/MM/YYYY): 05/09/2022