

# artec 300 series



## ARTEC-306



### DESCRIPTION

The ARTEC-306 2-way passive full range loudspeaker utilizes a 6" low frequency transducer and the M-26 compression driver. The cabinet is manufactured using top quality Birch plywood and finished with a durable black paint finish. Thanks to its small size, it is ideal for venues with low ceilings, or limited space.

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.

A rotatable horn allows the systems to be installed in either the vertical or horizontal position maintaining the needed dispersion characteristics. The cabinet is delivered with a U-bracket mount.

### KEY FEATURES

- 1 x 6B low frequency loudspeaker
- 1 x M-26 compression driver
- Rotatable 90° x 60° horn
- Vertical or horizontal positioning
- VESA75/VESA100 standard threaded mounting points
- AXU-A306 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)	70 Hz - 20 kHz
Horizontal Coverage (-6 dB)	90°
Vertical Coverage	60°
Nominal Impedance	8 ohms
RMS Power Handling	100 W
Peak Power Handling	400 W
On-axis Sensitivity 1W/1 m	90 dB SPL
Maximum Peak SPL at 1 m	116 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
Rigging	M10 Rigging Points
Finish	ISO-flex Paint
Color	Black
Depth	260 mm (10,2 in)
Dimensions ( H x W x D )	385 x 195 x 260 mm 15,2 x 7,7 x 10,2 in
Net Weight	7,2 kg ( 15,8 lb )



## Components

LF Driver	6B
HF Driver	M-26
Horn/Waveguide	BCT-96

## Shipping

Carton Dimensions ( H x W x D )	471 x 266 x 330 mm 18,5 x 10,5 x 13,0 in
Shipping Weight	9,2 kg ( 20,3 lb )

## ORDERING INFORMATION

Model	Description	P/N
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### System

ARTEC-306	10423800
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### Replacement Parts

6B	Cone Transducer	20208260
BCT-96	Horn	30006201
F-ACT8	Filter	30005424
GM-M26	Diaphragm	20205050
LAMP-F-18	Lamp	30000536
M-26	Compression Driver	10207070

### Accessories

ANL-2	Rigging Accessories	10101020
AX-SPG1	Installation & Stacking Acc.	10105050
AXC-AT	Installation & Stacking Acc.	10104310
AXR-AR5	Installation & Stacking Acc.	10104870
AXW-3	Installation & Stacking Acc.	10104850

## DIMENSIONS

