

# artec 300 series



## ARTEC-312.64



### DESCRIPTION

The ARTEC-312.64 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 60° x 40° 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.

### KEY FEATURES

- 1 x 12MI low frequency loudspeaker, 2.5" VCD
- 1 x M-34 compression driver
- Rotatable 60° x 40° horn
- Vertical or horizontal positioning
- Optional AXU-AR312 U-Bracket
- M-10 rigging points

### APPLICATIONS

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

### SPECIFICATIONS

#### Performance

Frequency Range (-10 dB)	50 Hz - 20 kHz
Horizontal Coverage (-6 dB)	60°
Vertical Coverage	40°
Nominal Impedance	8 ohms
RMS Power Handling	300 W
Peak Power Handling	1200 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	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	18,5 kg ( 40,8 lb )



## Components

LF Driver	12MI
HF Driver	M-34
Horn/Waveguide	BC-614

## 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	20,4 kg ( 44,9 lb )

## ORDERING INFORMATION

Model	Description	P/N
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### System

ARTEC-312.64		10423821
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### Replacement Parts

12MI	Cone Transducer	10214310
BC-614	Horn	30006443
F-AR315	Filter	30006593
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
AXC-AT	Installation & Stacking Acc.	10104310
AXR-AR5	Installation & Stacking Acc.	10104870
AXU-AR312	Installation & Stacking Acc.	10105090

## DIMENSIONS

