The ARTEC-310.96 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° 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.

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.

### KEY FEATURES
- 1 x 10M1 low frequency loudspeaker, 2.5” VCD
- 1 x M-34 compression driver
- VESA75/VESA100 standard threaded mounting points
- Rotatable 90° x 60° horn
- Vertical or horizontal positioning
- AXU-A310 U-Bracket included

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

### DESCRIPTION

The ARTEC-310.96 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° x 60° coverage and allows the systems to be installed in either the vertical or horizontal position maintaining the needed dispersion characteristics.

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### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Performance</th>
<th>50 Hz – 20 kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal Coverage (-6 dB)</td>
<td>90°</td>
</tr>
<tr>
<td>Vertical Coverage</td>
<td>60°</td>
</tr>
<tr>
<td>Nominal Impedance</td>
<td>8 ohms</td>
</tr>
<tr>
<td>RMS Power Handling</td>
<td>250 W</td>
</tr>
<tr>
<td>Peak Power Handling</td>
<td>1000 W</td>
</tr>
<tr>
<td>On-axis Sensitivity (1W/1 m)</td>
<td>96 dB SPL</td>
</tr>
<tr>
<td>Maximum Peak SPL at 1 m</td>
<td>126 dB</td>
</tr>
<tr>
<td>Recommended Amplifier</td>
<td>PA-900</td>
</tr>
<tr>
<td>Recommended Processor</td>
<td>DSP-226</td>
</tr>
</tbody>
</table>

**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: 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
LF Driver  10MI
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
Shipping Weight  19,5 kg (43.0 lb)

ORDERING INFORMATION

Performance
Model  Description  P/N
System  ARTEC-310.96  2-way Passive Point Source  10423812

Replacement Parts
10MI  Cone Transducer  20208690
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-SPC1  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

DIMENSIONS

![Dimensions Diagram]