

artec 300 series



## ARTEC-308-T

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DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988  
Fuente del Jarro - Valencia - Spain - Tel. +34961340860  
Updated (DD/MM/YYYY): 10/10/2024



SOUND WITH SOUL

## KEY FEATURES

- 1 x 8GU low frequency loudspeaker
- 1 x M-26 compression driver
- Rotatable 90° x 60° horn
- Vertical or horizontal positioning
- VESA75/VESA100 standard threaded mounting points
- Version with factory installed multi-tap transformer
- 12.5 W/25 W/500 W/100 W (70 V)
- 25 W/50 W/100 W (100 V)
- AXU-A308 U-Bracket included

## DESCRIPTION

The ARTEC-308-T 2-way passive full range loudspeaker utilizes a 8" 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. The 8" woofer provides an exceptional bass response considering the cabinets reduced size.

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 and factory installed line transformer.

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## 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          | 150 W                     |
| Peak Power Handling         | 600 W                     |
| On-axis Sensitivity 1W/1 m  | 90 dB SPL                 |
| Maximum Peak SPL at 1 m     | 120 dB                    |

|                       |                 |
|-----------------------|-----------------|
| Recommended Amplifier | INTEGRAL-A402   |
|                       | INTEGRAL-A404   |
|                       | INTEGRAL-A1002  |
|                       | INTEGRAL-A1004  |
|                       | INTEGRAL-A1602  |
|                       | INTEGRAL-A1604  |
|                       | INTEGRAL-MA1004 |
|                       | INTEGRAL-MA1604 |

|                       |                 |
|-----------------------|-----------------|
| Recommended Processor | INTEGRAL-M88    |
|                       | INTEGRAL-MA1604 |
|                       | INTEGRAL-MA1004 |

### Connectors

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

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## Enclosure

|                          |  |
|--------------------------|--|
| Enclosure Construction   | Birch Plywood                              |
| Enclosure Geometry       | Trapezoidal                                |
| Rigging                  | M10 Rigging Points                         |
| Finish                   | ISO-flex Paint                             |
| Color                    | Black                                      |
| Depth                    | 290 mm (11,4 in)                           |
| Dimensions ( H x W x D ) | 450 x 245 x 290 mm<br>17,7 x 9,7 x 11,4 in |
| Net Weight               | 9,5 kg ( 20,9 lb )                         |

## Components

|                |        |
|----------------|--------|
| LF Driver      | 8GV    |
| HF Driver      | M-26   |
| Horn/Waveguide | BCT-96 |

## Shipping

|                                 |   |
|---------------------------------|---|
| Carton Dimensions ( H x W x D ) | 541 x 310 x 355 mm<br>21,3 x 12,2 x 14,0 in |
| Shipping Weight                 | 0,0 kg ( 0,0 lb )                           |

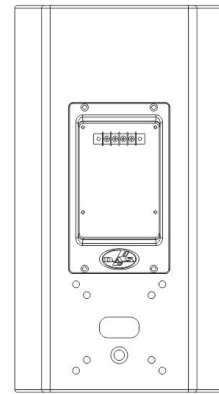
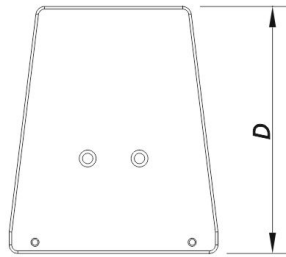
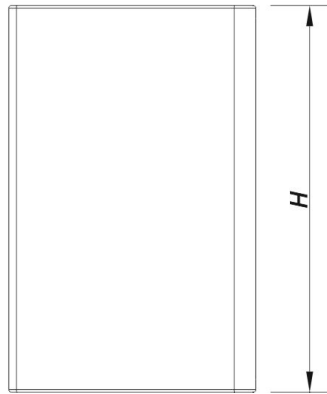
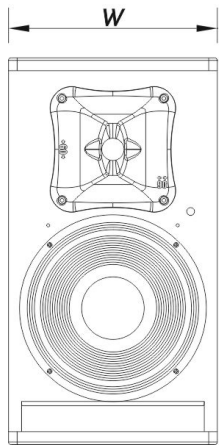
## DIMENSIONS

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## ORDERING INFORMATION

| Model                    | Description                  | P/N      |
|--------------------------|------------------------------|----------|
| <b>System</b>            |                              |          |
| ARTEC-308-T              |                              | 10423848 |
| <b>Replacement Parts</b> |                              |          |
| 8GV                      | Cone Transducer              | 20208984 |
| BCT-96                   | Horn                         | 30006201 |
| F-ACT8                   | Filter                       | 30005424 |
| GM-M26                   | Diaphragm                    | 20205050 |
| LAMP-F-18                | Lamp                         | 30000536 |
| M-26                     | Compression Driver           | 10207070 |
| <b>Accessories</b>       |                              |          |
| ANL-2                    | Rigging Accessories          | 10101020 |
| AX-SPG1                  | Installation & Stacking Acc. | 10105050 |

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|           |                              |          |
|-----------|------------------------------|----------|
| AXC-AT    | Installation & Stacking Acc. | 10104310 |
| AXF-AR508 | Installation & Stacking Acc. | 10104800 |
| AXR-AR5   | Installation & Stacking Acc. | 10104870 |
| AXW-3     | Installation & Stacking Acc. | 10104850 |

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