

artec 500 series



ARTEC-506A-115

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 19/02/2025



SOUND WITH SOUL

KEY FEATURES

- Ultra lightweight Class D amplifier
- Switch-mode power supply
- Reduced size and weight
- Horizontal or vertical position
- Pole mount accessories

DESCRIPTION

The ARTEC-506A incorporates a single 6" loudspeaker for low frequency reproduction. The 720 W peak power of the Class D amplifier provides extended bandwidth, improved dynamic range and exceptionally low distortion-features hard to find on other systems in this market segment. The DAS 6P loudspeaker provides accurate low frequency reproduction. High frequencies are handled by the M-34 compression driver with 1" exit offering excellent HF performance. The birch plywood cabinet construction offers an ultra-compact design which is available in black or white.

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SPECIFICATIONS

Performance

| | |
|-----------------------------|----------------|
| Frequency Range (-10 dB) | 65 Hz - 20 kHz |
| Horizontal Coverage (-6 dB) | 80° |
| Vertical Coverage | 80° |
| Maximum Peak SPL at 1 m | 118 dB |

Electronics and Connectors

| | |
|-----------------------------------------|-----------------|
| Nominal Amplifier Power LF (continuous) | 360 W |
| Nominal Amplifier Power LF (peak) | 720 W |
| Nominal Amplifier Power HF (continuous) | 180 W |
| Nominal Amplifier Power HF (peak) | 360 W |
| Input Type | Balanced |
| Input Impedance | 20 kohms |
| Input Sensitivity | 1.95 V (+8 dBu) |
| Audio Signal Input Connector | 1 x Female XLR |
| Audio Signal Loop Thru Connector | 1 x Male XLR |
| Recommended Signal Processing | INTEGRAL-M88 |
| Current Draw 230 V / 115 V | -/2.4 A |

Enclosure

| | |
|------------------------|--------------------|
| Enclosure Construction | Birch Plywood |
| Enclosure Geometry | Trapezoidal |
| Rigging | M10 Rigging Points |
| Finish | ISO-flex Paint |

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| | |
|--------------------------|--------------------------------------------|
| Color | Black |
| Dimensions (H x W x D) | 385 x 195 x 260 mm 15,2 x 7,7 x 10,2 in |
| Net Weight | 9,0 kg (19,8 lb) |

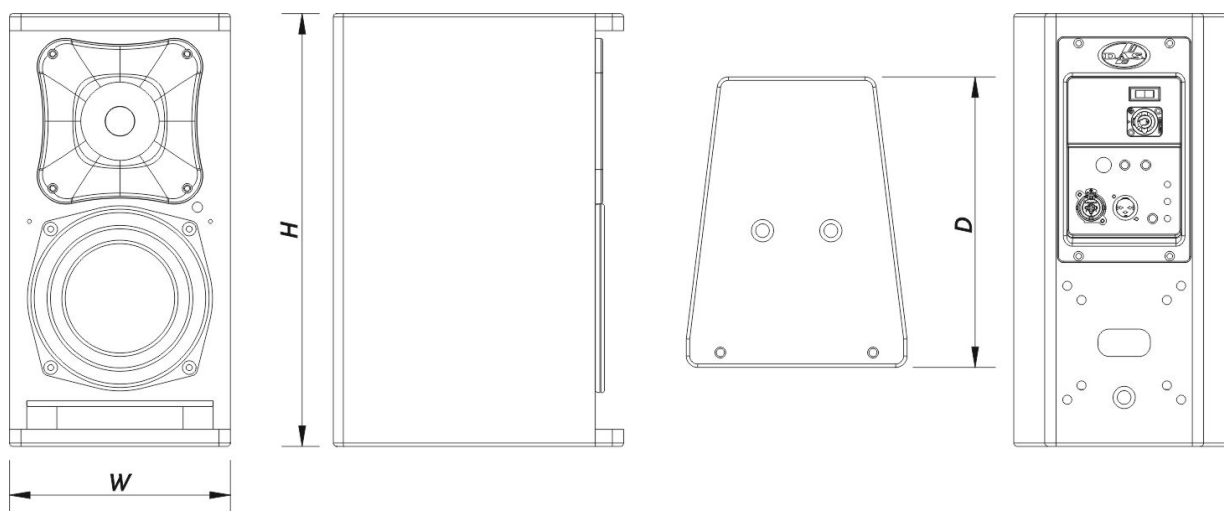
Components

| | |
|----------------|-------|
| LF Driver | 6P |
| HF Driver | M-34 |
| Horn/Waveguide | BC-88 |

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 | 11,4 kg (25,1 lb) |

DIMENSIONS



| Model | Description | P/N |
|-------|-------------|-----|
|-------|-------------|-----|

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ORDERING INFORMATION

System

| | |
|----------------|----------|
| ARTEC-506A-115 | 10423370 |
|----------------|----------|

Replacement Parts

| | | |
|-------------------|--------------------|----------|
| 6P | Cone Transducer | 20208730 |
| BC-88 | Horn | 30003945 |
| DSP-ARTEC-506A | Dsp | 20406330 |
| GM-M34 | Diaphragm | 20205060 |
| M-34 | Compression Driver | 10207080 |
| MP-ARTEC-506A-115 | Power Module | 30005293 |

Accessories

| | | |
|------------|------------------------------|----------|
| ANL-2 | Rigging Accessories | 10101020 |
| AX-SPG1 | Installation & Stacking Acc. | 10105050 |
| AX-SPG2 | Installation & Stacking Acc. | 10105060 |
| AXC-AT | Installation & Stacking Acc. | 10104310 |
| AXC-ZT | Installation & Stacking Acc. | 10104320 |
| AXR-AR5 | Installation & Stacking Acc. | 10104870 |
| AXU-AR506 | Installation & Stacking Acc. | 10104500 |
| AXW-1 | Installation & Stacking Acc. | 10104140 |
| TRD-2-PACK | Installation & Stacking Acc. | 10104012 |
| TRD-6 | Installation & Stacking Acc. | 10104470 |
| TRD-7 | Installation & Stacking Acc. | 10104471 |

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