

artec 500 series



ARTEC-510A-W-230

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-510A incorporates a single 10" 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 10P loudspeaker provides accurate low frequency reproduction. High frequencies are handled by the M-60N compression driver with 1" exit and titanium diaphragm offering excellent 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) | 45 Hz - 20 kHz |
| Horizontal Coverage (-6 dB) | 110° |
| Vertical Coverage | 50° |
| Maximum Peak SPL at 1 m | 128 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 | 1.2 A/- |

Enclosure

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

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| | |
|--------------------------|---|
| Color | White |
| Dimensions (H x W x D) | 610 x 295 x 345 mm 24,0 x 11,6 x 13,6 in |
| Net Weight | 19,5 kg (43,0 lb) |

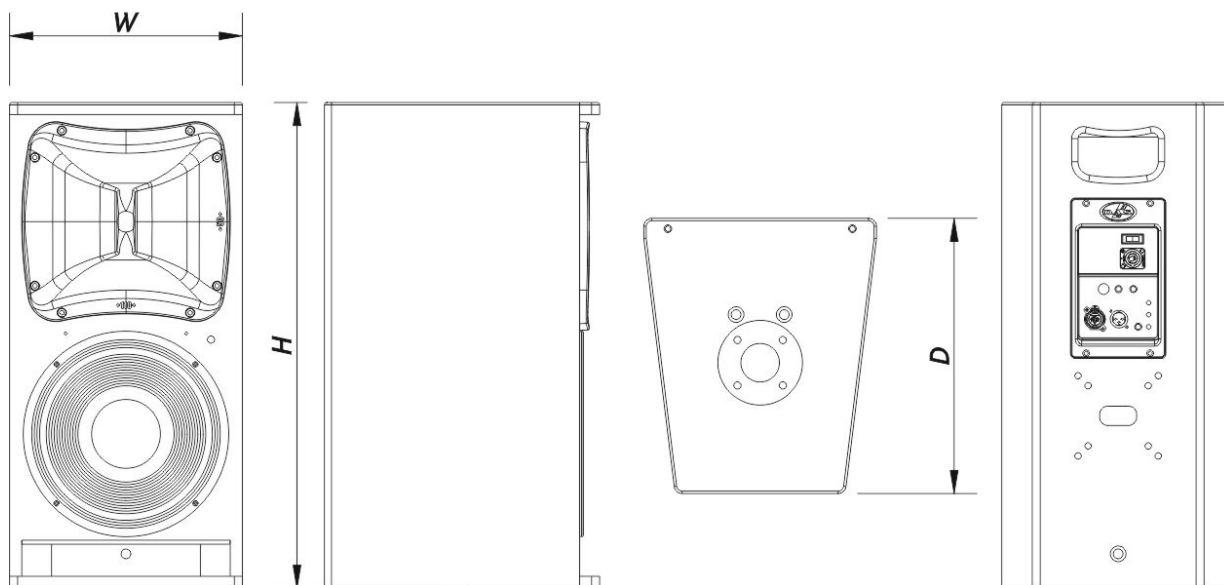
Components

| | |
|----------------|--------|
| LF Driver | 10P |
| HF Driver | M-60 |
| Horn/Waveguide | BC-115 |

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 | 21,5 kg (47,4 lb) |

DIMENSIONS



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ORDERING INFORMATION

| Model | Description | P/N |
|--------------------------|------------------------------|----------|
| System | | |
| ARTEC-510A-W-230 | | 10423440 |
| Replacement Parts | | |
| 10P | Cone Transducer | 20208720 |
| BC-115 | Horn | 30005433 |
| DSP-ARTEC-510A | Dsp | 20406360 |
| GM-10P | Recone Kit | 20208240 |
| GM-M60N | Diaphragm | 20205090 |
| M-60 | Compression Driver | 20208790 |
| MP-ARTEC-510A- 230 | Power Module | 30005296 |
| 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 |
| AXF-AR510-W | Installation & Stacking Acc. | 10104830 |
| AXR-AR5-W | Installation & Stacking Acc. | 10104880 |
| AXU-AR510-W | Installation & Stacking Acc. | 10104570 |
| AXW-3-W | Installation & Stacking Acc. | 10104860 |

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| | | |
|------------|------------------------------|----------|
| TRD-2-PACK | Installation & Stacking Acc. | 10104012 |
| TRD-6 | Installation & Stacking Acc. | 10104470 |
| TRD-7 | Installation & Stacking Acc. | 10104471 |

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