



# ATEO2D

CleverMount™ Design Loudspeaker

## ► Features

- Patented CleverMount™ mounting system
- Stunning design of loudspeaker and bracket
- Installation & connection in no time
- 2" Full range aluminium driver
- 10 Watt RMS
- High-quality sound reproduction
- Horizontal & vertical mounting
- Available in black and white

## ► Applications

- Residential applications
- Retail stores
- Clubs
- Pubs
- Restaurants
- ...



The ATEO is a series of extraordinary loudspeakers especially designed for fixed indoor installations, ranging from modern residential applications to the most demanding designer applications in environments such as retail stores, pubs, restaurants or even clubs.

The ATEO2 is the ultra-compact model of this series which smoothly integrates into any interior like no other loudspeaker.

The sound originates from a 2" aluminum cone driver which provides a full-range, warm and detailed sound, with an improved response in the low frequencies due to the ported design. This way, a smooth sound reproduction with clear and crisp sound is guaranteed. The internal self-resetting network provides an optimal overload protection.

It features a stunningly designed and elegant looking ABS housing which is fitted with high-quality components. What makes this loudspeaker range so exceptional is the specially designed mounting bracket using CleverMount™ technology, making the loudspeakers cabinet flow together with the mounting bracket providing great ease for installing the loudspeaker in one good-looking entity.

The mounting and connection of the loudspeaker is done by mounting the wall-plate to the desired location. The terminal block connector should be fitted to the wires coming from the amplifier and plugged into the counterpart on the speaker's side. The only next step is clipping the speaker onto the wall plate and tightening it by a quarter turn until its fixed.

## ► Specifications

| SYSTEM SPECIFICATIONS               |   |          |
|-------------------------------------|---|----------|
| Speaker type                        | Full range  |          |
| Max power                           | 20 Watt   |          |
| RMS power                           | 10 Watt   |          |
| Impedance                           | 16 Ohm<br><i>8 Ohm version also available (ATEO2)</i> |          |
| Sensitivity (1W/1m)                 | 83 dB   |          |
| Sound pressure (max W/1m)           | 93 dB   |          |
| Frequency response (±3 dB)          | 120 Hz - 20 kHz                                       |          |
| Frequency range (-10 dB)            | 100 Hz - 20 kHz                                       |          |
| Horizontal dispersion               | 145°  |          |
| Vertical dispersion                 | 170°  |          |
| IP rating (Ingress Protection)      | 40  |          |
| PRODUCT FEATURES                    |   |          |
| Dimensions (Width x Height x Depth) | 80 x 136 x 115 mm                                     |          |
| Weight net                          | 0.39 Kg   |          |
| Drivers                             | 2" Aluminium full range                               |          |
| Connectors                          | 2-pin Terminal block                                  |          |
| Mounting bracket                    | Clevermount™  |          |
| Construction                        | ABS   |          |
| Front finish                        | Finely perforated steel grill                         |          |
| Incline angle                       | Left & Right  | 25°      |
|                                     | Bottom  | 25°      |
|                                     | Top   | 15°      |
| Colour                              | Black (RAL9005)                                       | ATEO2D/B |
|                                     | White (RAL9010)                                       | ATEO2D/W |
| SHIPPING & ORDERING                 |   |          |
| Packaging                           | Cardboard box (pair)                                  |          |
| Shipping weight & volume            | 1.0 Kg - 0.044 Cbm (2 pcs)                            |          |
| Optional accessories                | WTR06 6W 100V line transformer                        |          |

\*AUDAC reserves the right to change specifications without notice: this is part of our policy to continuously improve our products.

## ► Architects' and Engineers' Specifications

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The loudspeaker must be housed in an ultra-compact curved elegant enclosure, fitted with a 2" full range aluminum cone driver with ported acoustic design which results in an ultimate low-frequency response. Installation shall be possible using a Clevermount™ mounting system which is continuously adjustable in all four directions.

It must have an RMS power handling of 10 Watt with a maximum power handling of 20 Watt and the frequency response ( $\pm 3$  dB) must range from 120 Hz to 20 kHz. The sensitivity must be 83 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level must reach 93 dB.

The loudspeaker must have an impedance of 16 Ohm allowing parallel connection of four speakers on a single 4 Ohm amplifier channel and contain a self-resetting protection circuit. All speaker cables must be hidden when installed.

The system's enclosure must not exceed 136 mm in height, 80 mm in width and 115 mm in depth. Its weight shall not exceed 0.39 kg.

## ► Technical drawing

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