



## Ambient Master/Slave Technical Specifications

|                                                       |                                                                                                     |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Field Monitor</b>                                  | Near or Surround /atmos 4 units set (1xM&3xS)                                                       |
| Type                                                  | Active – two power amplifiers – AB class                                                            |
| System                                                | Two-way                                                                                             |
| Crossover Frequency                                   | 3.5 kHz                                                                                             |
| Dimensions (with heatsink):<br>Height × Width × Depth | 31 cm × 18.2 cm × 28 cm / 12.2" × 7.2" × 11"                                                        |
| Free Field Frequency Response                         | ± 2 dB: 45 Hz ÷ 25 kHz                                                                              |
| SPLmax in Free Field @ 1m                             | RMS: 102 dB (single)<br>Peak: 110 dB (pair)                                                         |
| Weight (piece/pair)                                   | 8.0 kg / 17.6 kg (master unit) 7.0 kg slave unit                                                    |
| <b>Loudspeaker Chassis</b>                            |                                                                                                     |
| Bass/Mid-Range Loudspeaker                            | φ 15 cm (6")<br>Diaphragm: cellulose, surround: rubber                                              |
| Tweeter Loudspeaker                                   | φ 1.9 cm (3/4") double magnet<br>Aluminium dome, surround: soft                                     |
| <b>Amplifiers</b>                                     |                                                                                                     |
| Bass/Mid-Range Power Amplifier                        | 55 W RMS @ 15 Ohms                                                                                  |
| Tweeter Power Amplifier                               | 100 W RMS @ 8 Ohms                                                                                  |
| THD Distortions or THD+N (Subwoofers)                 | 0.005 % @ 5 W, 1 kHz; 0.1 % max @ 0.1<br>up to 50 W, 20 Hz up to 20 kHz                             |
| Input Voltage Level                                   | 0 dBu (i.e. 0.775 V) - calibrated regulators in 0dB positions<br>- for 100dB SPL in Free Field @ 1m |
| <b>Calibrated Controls</b>                            |                                                                                                     |
| VOLUME Switch                                         | -10.5dB, -9dB, -7.5dB, -6dB, -4.5dB, -3dB, -1.5dB, 0dB                                              |
| Ground-Lift Switch                                    | Ground Lift: ON / OFF                                                                               |
| AC Voltage Switch                                     | Selector: 115 V / 230 V                                                                             |
| <b>Input Connector (Master)</b>                       |                                                                                                     |
|                                                       | XLR symmetrical (balanced)                                                                          |
|                                                       | Input impedance 10 kOhms                                                                            |
| <b>Input Connectors (Slave)</b>                       |                                                                                                     |
|                                                       | additional for Slave                                                                                |
|                                                       | XLR symmetrical (balanced)                                                                          |
|                                                       | Speakon for 48V Power                                                                               |
| <b>Protections</b>                                    |                                                                                                     |
| Power Amplifiers Protections                          | Pop-free start & stop control, thermal,<br>short circuit and overload protections                   |
| Clipping                                              | LED                                                                                                 |
| Prevention from Interferences and Hums                | GROUND LIFT switch                                                                                  |
| <b>Signaling Devices</b>                              |                                                                                                     |
| Power Switching On                                    | Lit up logo – blue LED                                                                              |
| Bass/Midwoofer Amplifier Overdrive                    | Lit up logo – red LED                                                                               |

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