

## OMNITRONIC ARM-6.5 2-Way Studio Monitor

Active 2-way reference studio monitor with ribbon transducer and Kevlar woofer

Art. No.: 11036458

GTIN: 4026397540802



**The article is no longer in our assortment.**

### Description:

The high-resolution active speaker system ARM-6.5 is ideally suitable as monitor system in studios and for all other applications requiring crystal clear and precise sound reproduction. The ribbon technology enables playback in its most natural form. This monitor sounds as natural and detailed as a studio monitor should. It has a 16.5 cm bass-midrange speaker with Kevlar cone for rich and defined bass response and separate power amplifiers (class A/B) for efficient control of the woofer and ribbon transducer. 3 EQ selectors are provided to adapt to various acoustic conditions. The click type rotary volume control at the front allows for precise level adjustment. The amplifiers are protected through extensive protective circuits.

### Logistic

EAN / GTIN: 4026397540802

Weight: 7,90 kg

Length: 0.47 m

Width: 0.31 m

Height: 0.34 m

### Features:

- 2-way active speaker system for studio and multimedia applications
- Crystal clear and precise listening experience through built-in 5 cm velocity ribbon tweeter (2") with wave guide
- 16.5 cm bass-midrange speaker (6.5") with Kevlar cone delivers rich and defined lows
- Separate power amplifiers for bass speaker and tweeter (bi-amping) with efficient class AB circuitry, ensuring serious dynamic headroom
- Low weight due to integrated switch mode power supply
- Extensive controls for adjustment to various acoustic conditions
- Click type rotary volume control at front for precise level adjustment
- Equipped with an unbalanced RCA input and a balanced XLR input and a 6.3 mm jack input
- High-quality MDF cabinet (15 mm) with front acoustic port and optimized internal bracing
- Black high-gloss surface

## Technical specifications:

|                      |                                                                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply:        | 100-240 V AC, 50/60 Hz                                                                                                                          |
| Power consumption:   | 42 W                                                                                                                                            |
| Power connection:    | Mains input via IEC connector (M) mounting version power supply cord with safety plug (provided)                                                |
| Power:               | Program: 120W LF<br>Rated: 60W RMS LF<br>Program: 40W HF<br>Rated: 20W RMS HF                                                                   |
| Frequency range:     | 45 - 22000 Hz                                                                                                                                   |
| S/N ratio:           | >95 dB                                                                                                                                          |
| Max. SPL:            | 102 dB                                                                                                                                          |
| Impedance:           | 4/8 ohms biamp                                                                                                                                  |
| Impedance:           | Input: 10 kOhm , bal.<br>Input: 20 kOhm , unbal.                                                                                                |
| Room compensation:   | 0 dB, -2 dB, -4 dB; switchable                                                                                                                  |
| HF adjustment:       | -2 dB, 0 dB, 2 dB; switchable                                                                                                                   |
| Low cut:             | FLAT, 80Hz, 100Hz, switchable                                                                                                                   |
| Circuitry:           | Class AB Biamp                                                                                                                                  |
| Controls:            | Overheat; current limiting; power on/off transient; subsonic filter                                                                             |
| Status LED:          | Power, standby                                                                                                                                  |
| Connections:         | Input: line via 1 x RCA (F) mounting version<br>Input: line via 1 x 6.3 mm jack socket (mono) mounting version<br>Input: line via 1 x 3-pin XLR |
| Crossover frequency: | 2800 Hz                                                                                                                                         |
| Input sensitivity:   | 85 mV                                                                                                                                           |
| Speaker:             | 1 x woofer 6.5"<br>Conematerial: Kevlar<br>1 x ribbon tweeter 2"<br>With wave guide                                                             |
| Type of speaker:     | Monitor for studios                                                                                                                             |
| Dimensions:          | Width: 23 cm<br>Depth: 27.5 cm<br>Height: 35.8 cm                                                                                               |
| Weight:              | 7.15 kg                                                                                                                                         |

## Scope of delivery: