

## OMNITRONIC W.A.M.S-04A Wireless PA system

Complete wireless PA system

Art. No.: 13106981

GTIN:



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

### Features:

- Easy-to-use complete system with wireless microphone, CD player, cassette deck, amplifier and speaker-system
- Ideal for all mains independent and wireless applications like seminars, conferences, presentations, tradeshow, fashion shows, solo entertainers, weddings, sales booths, aerobics etc.
- Playback from CD or cassette with adjustable playback level
- Connection of up to three cabled mics (wireless mic and MIC 1 on channel 1)
- Switchable and adjustable echo effect for mic channels
- Connection of further Line signals via adjustable AUX IN socket, e.g. for playing multi-media applications from PC, laptop or portable MP3 player
- Switchable voice priority function for automatic attenuation of mic and aux channels
- Tone control
- Line output for connecting further PA systems
- Recording output and aux output socket for connecting further recording devices (PC, laptop, MD recorder)
- Easy transportation via telescopic trolley-handle, 2 wheels and transport handle
- CD player:
  - Pitch function
  - MP3 support
  - Comfortable track selection via skip buttons
  - Auto cue function: the player automatically jumps to where the music starts
  - Up to 20 tracks can be programmed
  - Random playback (shuffle)
  - Repeat 1 or Repeat All function
- Cassette deck:
  - Automatic stop at tape end

### Logistic

- Recording level depends on control settings
- Speaker system:
- Balanced frequency range
- With bass-reflex system
- Scratch-resistant lacquer surface
- Impact-resistant steel grille
- With flange for speaker stand installation etc.
- Wireless mic & receiver:
- Stationary receiver with built-in telescope antenna
- Operation with fixed frequency (VHF 202.950 MHz)
- LED indicator for signal input
- Adjustable mic sensitivity
- Set includes wireless microphone
- License required in Germany

## Technical specifications:

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| Power supply:           | 230 V AC, 50 Hz                                 |
| Power consumption:      | 110.00 W                                        |
| Dimensions:             | Width: 35 cm<br>Depth: 30 cm<br>Height: 57.5 cm |
| General:                |                                                 |
|                         | 18 V DC via rechargeable battery                |
|                         | or optional power-unit                          |
| Battery type:           | 3 x 6 V/7 Ah removable                          |
| Operating time:         |                                                 |
| Battery operation:      | 2-4 hours                                       |
| Recharging time:        | 7-10 hours                                      |
| Dimensions (H x W x D): | 575 x 350 x 300 mm                              |
| Weight:                 | 19 kg                                           |
| Control unit:           |                                                 |
| Inputs:                 |                                                 |
| 3 Mic                   | Balanced or unbalanced 6.3 mm jacks             |
| 1 Aux                   | Balanced or unbalanced 6.3 mm jack              |
| Outputs:                |                                                 |
| Line Out                | Balanced or unbalanced 6.3 mm jack              |
| Aux Out                 | Balanced or unbalanced 6.3 mm jack              |
| Rec Out                 | RCA                                             |
| CD-player:              |                                                 |
| Type:                   | Single Compact Disc Player                      |
| Available disc:         | Standard CDs 12 cm                              |
| Quantisation:           | D/A-converter: 1 Bit                            |
| Sampler frequency:      | 44.1 kHz                                        |
| Program memory:         | Up to 20 songs                                  |
| Distortion:             | <0.1 %                                          |
| S/N-ratio:              | >80 dB                                          |
| Channel separation:     | >60 dB                                          |
| Frequency range:        | 20-20000 Hz, $\pm 1$ dB                         |

**Cassette deck:**

|                         |                                   |
|-------------------------|-----------------------------------|
| Motor:                  | 1 x DC servo motor                |
| Wow & Flutter:          | 0.25 %                            |
| Fast Forward Time:      | approx. 120 seconds (C60 tape)    |
| S/N-ratio:              | >50 dB                            |
| Tape speed:             | 4.8 cm/sec.                       |
| Recording Bias:         | approx. 92 kHz                    |
| Speaker-system:         |                                   |
| Rated power:            | 2 x 30 W RMS                      |
| Program power:          | 100 W                             |
| Components:             | 2 x 20 cm woofer (2 x 8")         |
| Sensitivity:            | 90 dB                             |
| Maximum SPL:            | 95 dB                             |
| Impedance:              | 4 ohms                            |
| Frequency range:        | 80-13000 Hz                       |
| Amplifier:              |                                   |
| Nominal power output:   | 60 W RMS / 4 ohms                 |
| Maximum power output:   | 100 W / 4 ohms                    |
| Min. input sensitivity: | 0.775 V                           |
| Distortion:             | 0.5 %                             |
| Wireless receiver:      |                                   |
| System:                 | Non-diversity, one channel        |
| Carrier frequency:      | VHF 202.950 MHz                   |
| Frequency stability:    | ±0.005 %                          |
| S/N-ratio:              | >60 dB                            |
| Input sensitivity:      | 10 dB                             |
| Dynamic range:          | >100 dB                           |
| Modulation method:      | FM                                |
| Coverage:               | approx. 50 m (with line-of-sight) |
| Frequency range:        | 50-18000 Hz (±3 dB)               |
| Wireless microphone:    |                                   |
| Sensitivity:            | -100 dB to -6 dB                  |
| Current consumption:    | approx. 40 mA                     |
| Battery life:           | 6-8 hours                         |
| Dimensions:             | 60 x 225 mm                       |
| Weight:                 | 250 g                             |

**Scope of delivery:**