

## OMNITRONIC UHF-440 Wireless mic system

4-channel UHF multifrequency wireless microphone system

Art. No.: 13053512

GTIN: 4026397319040



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

### Description:

Ride on a musical wave!

Set yourself free, break the chains of tight confining cables and be happy wireless. With our OMNITRONIC UHF-440 wireless mic system you will get the one time opportunity. It convinces through a high level manufacture, its consolidated appearance and its classic simple design, which intentionally sets itself aside from nonessential squiggle. Equipped with 4 hand microphones in cardioid characteristic, with a fixed multi channel reception and transmitter unit as well as 2 suitable charging stations. At the same time, the 4 channels can be used simultaneously and can pick 100 frequencies per channel each. One thing is for sure, the UHF-440 invites you to go surfing on the radio waves.

### Features:

- Set includes modular PLL multifrequency receiver and 4 hand-held microphones with PLL multifrequency transmitter and 2 suitable charging stations in a practical transport suit case
- Receiver:
  - Two removable antennas (TNC connection)
  - 4 channels can be used simultaneously
  - Operation in the low-interference UHF-band (790-814 MHz) with 100 selectable frequencies per channel
  - LCD for channel, frequency, carrier and audio signal and battery capacity
  - Squelch and output level adjustable per channel
  - Balanced XLR output per channel
  - 6.3 mm output for mixed signal
  - Operation via external power supply unit (included)
- Incl. 1 meter jack-jack cable for connecting the receiver to the audio mixer
- Rack installation (1 U)

### Logistic

EAN / GTIN: 4026397319040

Weight: 8,70 kg

Length: 0.61 m

Width: 0.15 m

Height: 0.31 m

- Hand-held microphones:
- Dynamic microphone capsule with cardioid characteristic in aluminum diecast housing
- LCD for channel, frequency, RF signal, sensitivity and battery capacity
- Operation via built-in lithium polymer rechargeable battery for up to 7 hours operating time
- Quick and uncomplicated charging of the rech. batteries of two microphones with one charging station
- License-free and approved in Germany

## Technical specifications:

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Power consumption:         | 5.00 W                                                              |
| Frequency band:            | UHF                                                                 |
| Diversity:                 | True diversity                                                      |
| Dimensions:                | Width: 48.3 cm<br>Depth: 25.2 cm<br>Height: 4.45 cm                 |
| Receiver:                  |                                                                     |
| System:                    | Non-diversity, 4 channels                                           |
| Carrier frequency:         | UHF 790.000-814.000 MHz                                             |
| Frequency stability:       | ±0.005 %                                                            |
| S/N ratio:                 | >105 dB                                                             |
| Dynamic range:             | >110 dB                                                             |
| T.H.D.:                    | <0.5 %                                                              |
| Max. deviation:            | ±45000 Hz                                                           |
| Modulation method:         | FM, F3F                                                             |
| Frequency range:           | 60-18000 Hz (±3 dB)                                                 |
| Audio signal:              | 1.25 V/ 5 kohms (6.3 mm jack)<br>2.5 V/ 600 ohms (XLR, bal.)        |
| Audio output:              | 4 x XLR (channel), 1 x mono 6.3 mm jack (mixed out)                 |
| Power supply:              | 13.5 V DC, 500 mA (receiver)<br>230 V AC, 50 Hz (power supply unit) |
| Dimensions (H x W x D):    | 482 x 252 x 44 mm                                                   |
| Weight:                    | 3.5 kg                                                              |
| Microphone:                |                                                                     |
| Frequency stability:       | ±0.005 %                                                            |
| RF power output:           | 50 mW                                                               |
| Polar pattern:             | Cardioid                                                            |
| Frequency range:           | 60-18000 Hz                                                         |
| Coverage:                  | 50 m (with line-of-sight)                                           |
| Power supply:              | 800 mAh lithium polymer rech. battery                               |
| Rechargeable battery life: | approx. 7 hours                                                     |
| Charging time:             | approx. 4 hours                                                     |
| Dimensions (D x L):        | 52 x 252 mm                                                         |
| Weight:                    | 330 g                                                               |
| Charging station:          |                                                                     |
| Power supply:              | 6 V DC, 500 mA (charging station)                                   |

|                         |                              |
|-------------------------|------------------------------|
|                         | 230 V AC, 50 Hz (power unit) |
| Output current:         | 500 mA                       |
| Output voltage:         | 12 V DC                      |
| Recharging time:        | approx. 4 hours              |
| Dimensions (H x W x D): | 124 x 75 x 85 mm             |
| Weight:                 | 265 g                        |

**Scope of delivery:**