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Features:**OMNITRONIC UHF-502 2-Channel Wireless Mic System 863-865 MHz**

2-channel UHF PLL microphone system

- 2-channel multifrequency receiver unit and 2 hand-held microphones with UHF PLL technology
- 80 fixed frequencies selectable per channel
- Pilot tone technology (PLL) and noise squelch for interference-free operation
- Automatic frequency scan (AFS) finds interference-free channels
- Easy and error-free synchronization between receiver and transmitters via infrared signal
- LCDs for RF reception level, AF audio level, frequency and channel
- Parallel operation of up to 4 transmission channels is possible without any interference
- Lock function avoids accidental changing of the transmission channel
- 2 separate channels with volume controls
- Balanced XLR output per channel
- 6.3 mm jack for mixed signal output, switchable mic/line
- Jack cable included
- Non-diversity system with two removable antennas (BNC connection)
- Microphones with mute switch and color caps for distinction on stage
- Operation of the receiver unit via supplied power unit
- Operation of the microphones via 2 x 1.5 V batteries (type AA), not included
- Receiver unit with aluminum front panel and dimensions for 483 mm rack installation (1U)
- License-free and approved in the EU
- Polar pattern: Cardioid
- Operating range up to 50m with line-of-sight
- UHF 863 - 865 MHz License-free and approved in Europe
- (19") 48.3 cm rack installation

Package contents

- 1 x microphone, 1 x receiver

Logistic

OMNITRONIC UHF-502 Bodypack incl. 863-865MHz, Lavalier (CH A red)

Bodypack transmitter with lavalier microphone

- Pocket transmitter for UHF-502 microphone system with the same carrier frequency
- Incl. lavalier microphone
- Headset microphone optional
- Pilot tone technology (PLL) for interference-free operation
- Infrared interface for easy and error-free synchronization with the receiver via infrared signal
- LCD for battery capacity and transmission channel
- Sensitivity adjustable
- Transmitting power 5 mW/10 mW, switchable
- LED battery indicator
- Belt clip
- Operation via 2 x 1.5 V batteries (type AA), not included
- License-free and approved in the EU
- Polar pattern: Cardioid
- UHF 863 - 865 MHz License-free and approved in Europe

OMNITRONIC UHF-502 Bodypack 863-865MHz, incl. Lavalier (CH B blue)

Bodypack transmitter with lavalier microphone

- Pocket transmitter for UHF-502 microphone system with the same carrier frequency
- Incl. lavalier microphone
- Headset microphone optional
- Pilot tone technology (PLL) for interference-free operation
- Infrared interface for easy and error-free synchronization with the receiver via infrared signal
- LCD for battery capacity and transmission channel
- Sensitivity adjustable
- Transmitting power 5 mW/10 mW, switchable
- LED battery indicator
- Belt clip
- Operation via 2 x 1.5 V batteries (type AA), not included
- License-free and approved in the EU
- Polar pattern: Cardioid
- UHF 863 - 865 MHz License-free and approved in Europe

OMNITRONIC UHF-502 Headset for Bodypack

Headset for UHF-502 bodypack transmitter

- Lightweight design for optimum wearer comfort
- Gooseneck
- One-sided cable run
- Connection cable with 3-pin mini XLR plug
- Foam windscreen
- Color: black
- Polar pattern: Cardioid

Technical specifications:

Weight: 2,75 kg

OMNITRONIC UHF-502 2-Channel Wireless Mic System 863-865 MHz

Type: Wireless set

Power consumption: 5 W

| | |
|------------------------|---|
| Power connection: | Mains input via Coaxial power connector (M) mounting version power supply cord with AC adapter (provided) |
| Capsule type: | Dynamic |
| Polar pattern: | Cardioid |
| Frequency range: | 40 - 18000 Hz |
| S/N ratio: | >80 dB |
| Sensitivity: | -95 dB |
| Range: | Range up to 50m with line-of-sight |
| Frequency band: | UHF 863 - 865 MHz |
| Frequency selection: | Switchable frequencies |
| Material: | Metal |
| Housing design: | (19") 48.3 cm rack installation |
| Weight: | 2,46 kg |
| Receiver | |
| Dimensions: | Width: 48,3 cm Depth: 25,3 cm Height: 4,45 cm |
| Weight: | 1,9 kg |
| Microphone | |
| Battery: | 4 x Mignon (AA) (not included) |
| Switch: | On/off switch; Mute control |
| Weight: | 230 g |
| System: | Non-diversity, 2 channels |
| Color code: | CH A = red, CH B = blue |
| Receiving frequencies: | 80 |
| RF power output: | 10 mW |
| Modulation method: | FM |
| Frequency stability: | 10 ppm |
| Selectivity: | >80 dB |
| T.H.D.: | <0.1 % |
| Audio outputs: | |
| Mic: | 2 x XLR, bal. |
| Mix: | 6.3 mm jack, unbal. |
| Power supply: | |
| Receiver: | 12 V DC via supplied power unit (100-240 V AC, 50/60 Hz) |
| Dimensions, weight: | |
| Microphones: | 50 x 240 mm (D x L), 230 g (w/o batteries) |

OMNITRONIC UHF-502 Bodypack incl. 863-865MHz, Lavalier (CH A red)

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|----------------|--------------------------|
| Type: | Bodypack with microphone |
| Capsule type: | Condenser |
| Polar pattern: | Cardioid |

| | |
|------------------------|---|
| Battery: | 2 x Mignon (AA) (not included) |
| Frequency range: | 50 - 15000 Hz |
| Frequency band: | UHF 863 - 865 MHz |
| Frequency selection: | Switchable frequencies |
| Switch: | On/off switch |
| Dimensions: | Width: 6,6 cm Depth: 2,2 cm Height: 10,8 cm |
| Weight: | 120 g |
| Color code: | CH A = red, CH B = blue |
| Receiving frequencies: | 100 |
| Coverage: | 50 m (with line-of-sight) |
| RF power output: | 5 mW (LO), 10 mW (HI) |
| Modulation method: | FM |
| Frequency stability: | 10 ppm |
| S/N ratio: | >90 dB |
| T.H.D.: | <1 % |
| Audio input: | mini XLR (supplies 5 V) |
| Power consumption: | approx. 100 mA |
| Lavalier microphone: | |
| Type: | Electret |
| Directivity pattern: | Cardioid |
| Sensitivity: | -47 dB |
| Impedance: | 680 ohms |
| S/N ratio: | >63 dB |
| Power supply: | 2-10 V DC |
| Connection: | cable with 3-pin mini XLR plug |
| Cable length: | approx. 1 m |
| Capsule: | 9.7 x 5.2 mm |

OMNITRONIC UHF-502 Bodypack 863-865MHz, incl. Lavalier (CH B blue)

| | |
|----------------------|---|
| Type: | Bodypack with microphone |
| Capsule type: | Condenser |
| Polar pattern: | Cardioid |
| Battery: | 2 x Mignon (AA) (not included) |
| Frequency range: | 50 - 15000 Hz |
| Frequency band: | UHF 863 - 865 MHz |
| Frequency selection: | Switchable frequencies |
| Switch: | On/off switch |
| Dimensions: | Width: 6,6 cm Depth: 2,2 cm Height: 10,8 cm |
| Weight: | 120 g |
| Color code: | CH A = red, CH B = blue |

| | |
|------------------------|--------------------------------|
| Receiving frequencies: | 100 |
| Coverage: | 50 m (with line-of-sight) |
| RF power output: | 5 mW (LO), 10 mW (HI) |
| Modulation method: | FM |
| Frequency stability: | 10 ppm |
| S/N ratio: | >90 dB |
| T.H.D.: | <1 % |
| Audio input: | mini XLR (supplies 5 V) |
| Power consumption: | 100 mA (LO), 130 mW (HI) |
| Lavalier microphone: | |
| Type: | Electret |
| Directivity pattern: | Cardioid |
| Sensitivity: | -47 dB |
| Impedance: | 680 ohms |
| S/N ratio: | >63 dB |
| Power supply: | 2-10 V DC |
| Connection: | cable with 3-pin mini XLR plug |
| Cable length: | approx. 1 m |
| Capsule: | 9.7 x 5.2 mm |

OMNITRONIC UHF-502 Headset for Bodypack

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|----------------------|--------------------------------|
| Type: | Headset microphone |
| Capsule type: | Condenser |
| Polar pattern: | Cardioid |
| Frequency range: | 50 - 15000 Hz |
| Frequency selection: | Switchable frequencies |
| Weight: | 30 g |
| Type: | Electret |
| Directivity pattern: | Cardioid |
| Sensitivity: | -49 dB |
| Impedance: | 680 ohms |
| S/N ratio: | >63 dB |
| Power supply: | 2-10 V DC |
| Connection: | cable with 3-pin mini XLR plug |
| Cable length: | approx. 1 m |
| Capsule: | D = 9.7 mm |