

## RELACART Set UR-260D Bodypack with Headset and Lavalier

Art. No.: 20000348

True diversity wireless receiver (DSP and PC software) with 2 bodypacks + headsets + lavalier mics

GTIN:



### Features:

- 2-channel multifrequency wireless receiver with 24-bit processor for high-end audio quality
- Integrated MagicEQ enables amazing microphone modeling of hand-held microphones
- Choose from 7 presets based on popular microphone models (e835, beta58, e935, D5, SM57, N/D767a, SM58) and 3 user-definable presets
- Integrated Feedback Killer effectively eliminates feedback, providing maximum gain and increased clarity on every microphone
- DSP programming and management via Ethernet port and intuitively operated PC software
- High-quality antenna diversity reception
- 10 groups with 90 fixed frequencies within 11 MHz switching bandwidth
- Pilot frequency squelch technology delete wireless RF interference
- Automatic frequency scan (AFS) finds interference-free channels
- Easy and error-free synchronization between receiver and transmitter via infrared signal
- Multiple units can be linked with network cables
- Lock function for prevents undesired changes to settings
- 2 detachable BNC antennas allow for use with the R-14D antenna divider
- Rugged metal housing
- (19") 48.3 cm rack installation possible 1 U
- Digital signal processor 96kHz, 24 bit
- Operating range up to 80m
- UHF 863 - 865 MHz License-free and approved in Europe
- UHF 823 - 832 MHz License-free and approved in large parts of Europe
- Up to 9 transmitters can be operated in parallel without interference
- Multicolor LCD display
- The device can be connected via RJ-45 (F) mounting version to the PC in connection with RELACART Magic EQ software
- Desktop console housing

### Logistic

- <p>RELACART UT-222 Bodypack with HM-800S Headset
- <h2 class="featureSatz">Bodypack transmitter with PLL multifrequency transmitter, 823-832 + 863-865 MHz</h2>Durable aluminum alloy housing, applicable for touring
- Lavalier microphone optional
- Pilot frequency squelch technology delete wireless RF interference
- 2 license-free frequency ranges: 823-832 MHz (Duplex Gap) and 863-865 MHz
- 10 groups with 90 fixed frequencies within 11 MHz switching bandwidth
- Parallel operation of up to 9 systems is possible without any interference
- Easy and error-free synchronization between receiver and transmitter via infrared signal
- Mute mode
- Adjustable input gain
- RF output power Hi/Low adjustable
- Lock function for prevents undesired changes to settings
- License-free and approved in large parts of the EU (please check on a country-by-country basis)
- **transmitter**
- Operating range up to 80m
- UHF 823 - 832 MHz License-free and approved in large parts of Europe
- UHF 863 - 865 MHz License-free and approved in Europe
- OLED display
- **microphone**
- Polar pattern: Omnidirectional
- <p>RELACART LM-C420 Lavalier unidirectional
- <h2 class="featureSatz">Inconspicuous electret lavalier microphone</h2>For attaching to the user's tie, shirt or collar
- Polar pattern: Cardioid
- For application areas such as: Theater; product presentations and lectures

Technical specifications:

|         |         |
|---------|---------|
| Weight: | 2.94 kg |
|---------|---------|

RELACART UR-260D 2-channel UHF Receiver 823-832 + 863-865 MHz

|                      |                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Type:                | Receiver                                                                                                        |
| Power supply:        | 100-240 V AC, 50/60 Hz<br>12V DC 1000 mA                                                                        |
| Power consumption:   | Max. 9 W                                                                                                        |
| Power connection:    | Mains input via coaxial power connector (M)<br>mounting version power supply cord with AC<br>adapter (provided) |
| Number of channels:  | 2                                                                                                               |
| Frequency range:     | 45 - 18000 Hz                                                                                                   |
| S/N ratio:           | >100 dB                                                                                                         |
| THD:                 | <0.5 % at 1 kHz                                                                                                 |
| Network connection:  | Protocol: Ethernet TCP/IP via 1x RJ-45 (F)<br>mounting version                                                  |
| DSP:                 | Digital signal processor 96kHz, 24 bit                                                                          |
| Range:               | Range up to 80m                                                                                                 |
| Frequency band:      | UHF 863 - 865 MHz; UHF 823 - 832 MHz                                                                            |
| Diversity:           | Antenna diversity                                                                                               |
| Switching bandwidth: | 11 MHz                                                                                                          |
| Frequency stability: | ± 0.005 %                                                                                                       |

|                      |                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Parallel mode:       | Max. 9 transmitter                                                                                                                    |
| Modulation:          | FM                                                                                                                                    |
| Frequency selection: | 90 switchable frequencies<br>In 10 groups with up to 10 preset frequencies each                                                       |
| Display type:        | Multicolor LCD display                                                                                                                |
| Control elements:    | Power switch, groundlift selector, menu, navigation keys                                                                              |
| Connections:         | Antenna via 2 x BNC (F) 8 V<br>Output: microphone via 2 x 3-pin XLR (M) mounting version<br>Output: line via 1 x 6.3 mm plug (unbal.) |
| Material:            | Metal                                                                                                                                 |
| Color:               | Black                                                                                                                                 |
| PC connect:          | RELACART Magic EQ software via RJ-45 (F) mounting version                                                                             |
| Housing design:      | Desktop console housing<br>(19") 48.3 cm rack installation possible 1 U                                                               |
| Dimensions:          | Width: 41 cm<br>Depth: 26 cm<br>Height: 4.3 cm                                                                                        |
| Weight:              | 2.50 kg                                                                                                                               |

#### RELACART UT-222 Bodypack with HM-800S Headset

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Type:                | Bodypack with microphone                                                        |
| Power supply:        | 3V DC                                                                           |
| Power connection:    | Battery/battery pack                                                            |
| Battery:             | 2 x Mignon (AA) (not included)                                                  |
| Gain:                | 0 dB<br>-6 dB<br>-12 dB                                                         |
| Range:               | Range up to 80m                                                                 |
| Frequency band:      | UHF 823 - 832 MHz; UHF 863 - 865 MHz                                            |
| Switching bandwidth: | 11 MHz                                                                          |
| RF power output:     | 10 mW (LO); 40 mW (HI)                                                          |
| Modulation:          | FM                                                                              |
| Frequency selection: | 90 switchable frequencies<br>In 10 groups with up to 10 preset frequencies each |
| Display type:        | OLED display                                                                    |
| Connections:         | Output: Mini XLR (M) 4-pin mounting version                                     |
| Switch:              | On/off/mute switch                                                              |
| Material:            | Aluminum                                                                        |
| Color:               | Black                                                                           |
| Dimensions:          | Width: 6.6 cm<br>Depth: 2.3 cm<br>Height: 8.4 cm                                |

|                  |                                  |
|------------------|----------------------------------|
| Weight:          | 0.19 kg                          |
| Type:            | Headset microphone               |
| Power supply:    | 2-10V DC                         |
| Cable length:    | 1.2 m                            |
| Capsule type:    | Condenser<br>Size: Ø 5 mm x 6 mm |
| Polar pattern:   | Omnidirectional                  |
| Frequency range: | 50 - 20000 Hz                    |
| Sensitivity:     | -47 dB                           |
| Impedance:       | 1800 Ohm                         |
| Connector type:  | Mini XLR (F) 4-pin               |
| Material:        | Metal                            |
| Color:           | Skin-colored                     |
| Weight:          | 0.018 kg                         |

**RELACART LM-C420 Lavalier unidirectional**

|                   |                                        |
|-------------------|----------------------------------------|
| Type:             | Lavalier microphone                    |
| Power supply:     | 2-10V DC                               |
| Power connection: | Mains input via Mini XLR (F) 4-pin     |
| Cable length:     | 1.2 m                                  |
| Capsule type:     | Electret                               |
| Polar pattern:    | Cardioid                               |
| Frequency range:  | 60 - 12000 Hz                          |
| S/N ratio:        | >59 dB                                 |
| Sensitivity:      | -42 dB                                 |
| Impedance:        | 1800 Ohm                               |
| Switch:           | Without                                |
| Material:         | Aluminum                               |
| Color:            | Black                                  |
| Dimensions:       | Length: 2.80 cm<br>Diameter: Ø 1.10 cm |
| Weight:           | 0.02 kg                                |

**Scope of delivery:**

**1 x RELACART UR-260D 2-channel UHF Receiver 823-832 + 863-865 MHz**

- 1 x receiver
- 2 x antenna
- 1 x external mains adapter
- 1 x jack cable
- 2 x mounting bracket
- 6 x screw
- 1 x user manual
- 1 x declaration of conformity

**2 x RELACART UT-222 Bodypack with HM-800S Headset**

- 1 x transmitter
- 1 x microphone
- 1 x windshield

1 x user manual  
1 x declaration of conformity

**2 x RELACART LM-C420 Lavalier unidirectional**

1 x microphone  
1 x windshield