

## RELACART PM-160 Diversity in ear monitor system

In-ear stereo monitoring system with diversity technology

- Set includes a stationary stereo transmitter and a portable pocket receiver with earphones in a practical transport case
- 2 license-free frequency ranges: 823-832 MHz (Duplex Gap) and 863-865 MHz
- Parallel operation of up to 9 monitor ways is possible without any interference
- Diversity technology for high reception quality
- Pilot tone technology (PLL) for interference-free reception
- Receiver in sturdy all-metal housing with 2 antennas, soft-touch controls and OLED display



### Technical specifications:

<b>General data:</b>	
System:	Diversity, 1 channel
Carrier frequency:	UHF 823-832 and 863-865
Receiving frequencies:	32_preset
Switching bandwidth:	11 MHz
<b>Transmitter:</b>	
Antenna:	BNC, removable
Deviation:	± 68 kHz
Frequency stability:	± 0.0005 %
T.H.D.:	<0.7 % at 1 kHz
S/N ratio:	>105 dB
<b>Modulation method:</b> FM, stereo	
Coverage:	100 m (with line-of-sight)
Frequency response:	45-18000 Hz
Signal inputs:	2 x balanced combo jack XLR/6.3 mm jack
Feed-through outputs:	2 x 6.3 mm jack, unbalanced
Power supply:	12 V DC, 500 mA
via supplied power unit connected to 100-240 V AC, 50/60 Hz ~	
Power consumption:	12 W
Dimensions:	210 x 43 x 225 mm
Rack installation with 1 U	
with supplied mounting brackets	
Weight:	1.2 kg
<b>Receiver:</b>	
Antennas:	Integrated
Deviation:	± 68 kHz
Frequency stability:	± 0.0005 %
T.H.D.:	<0.7 % at 1 kHz
S/N ratio:	>105 dB
<b>Modulation method:</b> FM, stereo	
Coverage:	80 m (with line-of-sight)
Frequency response:	45-18000 Hz (± 1 dB)
Sensitivity:	6 dBµV (S/N >60 dB at 25 deviation)
Audio output:	3.5 mm stereo jack
Power supply:	2 x 1.5 V battery (type AA)
Current consumption:	approx. 185 mA
Battery life:	approx. 7 hours, depending on the volume
Dimensions (WxDxH):	118 x 66 x 22 mm
Weight:	190 g

No. 13055217 .....Set  
 No. 13055215 .....PM-160R, receiver  
 No. 13055216 .....PM-160, transmitter

## RELACART UR-222S 1 Channel UHF System

True diversity wireless microphone system

- High-quality true diversity reception
- Easy setup via infrared synchronization between receiver and transmitter
- Dynamic hand-held microphone with ergonomic metal housing and OLED display, applicable for touring
- 2 license-free frequency ranges: 823-832 MHz (Duplex Gap) and 863-865 MHz
- Parallel operation of up to 9 systems is possible without any interference
- Pilot tone technology (PLL) for interference-free reception
- Automatic frequency scan (AFS) finds interference-free channels



No. 13055211  
 UR-222 Bodypack with  
 HM-800S headset

No. 13055217

### Technical specifications:

<b>System:</b> True diversity, 1 channel	
Carrier frequency:	UHF 823-832 MHz and 863-865 MHz
Receiving frequencies:	90
10 frequency banks with up to 10 preset frequencies each	
Switching bandwidth:	11 MHz
Deviation:	± 45 kHz
Frequency stability:	± 0.0005 %
T.H.D.:	<0.7 % at 1 kHz
S/N ratio:	>105 dB
<b>Modulation method:</b> FM	
Coverage:	80 m (with line-of-sight)
Frequency response:	45-18000 Hz
Sensitivity:	5 dBµV (S/N >60 dB at 25 deviation)
Audio output:	XLR, bal.
6.3 mm jack, unbal.	
Antenna inputs:	2 x BNC (supply 8 V/150 mA)
Power supply:	12 V DC, 500 mA
via supplied power unit connected to 100-240 V AC, 50/60 Hz ~	
Power consumption:	12 W
Dimensions:	205 x 43 x 220 mm
Rack installation with 1 U, with supplied mounting brackets	
Weight:	1.2 kg
<b>Microphone:</b>	
Type:	Dynamic
Directivity pattern:	Cardioid
Power supply:	2 x 1.5 V battery (type AA)
Current consumption:	approx. 120 mA
Battery life:	approx. 8 hours
Dimensions:	52 x 255 mm
Weight:	235 g