

RELACART PM-160 Diversity In-Ear-Monitor System

In-ear stereo system with diversity technology, 823-832 MHz, 863-865 MHz

Art. No.: 13055217

GTIN:



Description:

The PM-160 is a sturdy in-ear monitoring system delivering outstanding sound for live music, theatre and voice applications. Diversity technology guarantees optimum reception quality without interference or dropouts. The system can be operated in mono and stereo mode. The bodypack receiver is 190 g light and offers perfect wearing comfort.

Logistic

Features:

- Set includes a stationary stereo transmitter and a portable pocket receiver with earphones in a practical transport case
- Diversity technology for high reception quality
- Transmitter with LCD, 2 line inputs (XLR/6.3 mm jack) and 2 feed-through outputs (loop)
- Receiver in sturdy all-metal housing with 2 antennas, soft-touch controls and OLED display
- Applicable for touring
- Transmitter and receiver also available separately
- Can also be used as audio transmission system with extremely low latency
- <p>RELACART PM-160 Diversity In-Ear Transmitter
- In-ear stereo wireless transmitter with pilot tone technology (PLL)**
- Wireless stereo transmitter with 32 preset channels for in-ear monitoring with practical transport bag
- 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 frequency squelch technology delete wireless RF interference
- LCD for channel/frequency, AF audio level and user-definable name
- Stereo or mono/mix mode
- Lock function for prevents undesired changes to settings
- RF output power Hi/Low adjustable

- 2 line inputs via balanced combo mounting jacks XLR/6.3 mm
- 2 feed-through outputs (loop)
- Adjustable headphones output
- License-free and approved in large parts of the EU (please check on a country-by-country basis)
- Operating range up to 100m with line-of-sight
- UHF 863 - 865 MHz License-free and approved in Europe
- UHF 823 - 832 MHz License-free and approved in large parts of Europe
- Monochrome LCD display
- Desktop console housing
- (19") 48.3 cm rack installation possible
- <p>RELACART PM-160R Diversity In-Ear Receiver
- In-ear stereo wireless receiver with diversity technology**
- Stereo pocket receiver with 32 preset channels for in-ear monitoring
- Sturdy all-metal housing with soft-touch controls, applicable for touring
- Diversity technology for high reception quality
- 2 license-free frequency ranges: 823-832 MHz (Duplex Gap) and 863-865 MHz
- Pilot frequency squelch technology delete wireless RF interference
- OLED display for battery status, frequency and channel
- LEDs for antenna A/B, AF signal and stereo operation
- Stereo or mono/mix mode
- Balance (left, right) 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)
- Operating range up to 80m with line-of-sight
- UHF 823 - 832 MHz License-free and approved in large parts of Europe
- UHF 863 - 865 MHz License-free and approved in Europe

Technical specifications:

Weight:	2.18 kg
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RELACART PM-160 Diversity In-Ear Transmitter

Type:	In-ear monitor
Power supply:	100-240 V AC, 50/60 Hz 12V DC 500 mA
Power consumption:	5 W
Power connection:	Mains input via coaxial power connector (M) mounting version power supply cord with AC adapter (provided)
Number of channels:	1
Frequency range:	45 - 18000 Hz
S/N ratio:	>105 dB
Range:	Range up to 100m with line-of-sight
Frequency band:	UHF 863 - 865 MHz; UHF 823 - 832 MHz
Switching bandwidth:	11 MHz
Frequency stability:	± 0.0005 %
RF power output:	10 mW
Modulation:	FM, stereo
Frequency selection:	32 switchable frequencies
Display type:	Monochrome LCD display

Control elements:	Menu, navigation keys, transmitter power switch (high-low)
Connections:	Antenna via 1 x BNC (F) Input: line via 2 x 3-pin XLR/6.35mm jack (F) combination socket (mounting version) Output: line via 2 x 6.3 mm jack socket (stereo) mounting version Output: headphones via 1 x 6.3 mm jack socket (stereo) mounting version
Switch:	On/off switch
Material:	Metal
Color:	Black
Housing design:	Desktop console housing (19") 48.3 cm rack installation possible
Dimensions:	Width: 20 cm Depth: 26 cm Height: 4.3 cm
Weight:	2.02 kg

RELACART PM-160R Diversity In-Ear Receiver

Type:	In-ear monitor
Power consumption:	0.525 W
Power connection:	Battery/battery pack (not included)
Battery:	2 x Mignon (AA) (not included)
Number of channels:	1
Frequency range:	45 - 18000 Hz
S/N ratio:	>105 dB
Range:	Range up to 80m with line-of-sight
Frequency band:	UHF 823 - 832 MHz; UHF 863 - 865 MHz
Diversity:	Antenna diversity
Switching bandwidth:	11 MHz
Frequency stability:	± 0.0005 %
Modulation:	FM, stereo
Frequency selection:	32 switchable frequencies
Connections:	Input: line via 1 x 3.5 mm jack (stereo) mounting version
Switch:	On/off switch
Material:	Aluminum
Dimensions:	Width: 6.6 cm Depth: 2.2 cm Height: 11.8 cm
Weight:	0.16 kg

Scope of delivery:

1 x receiver
1 x transmitter

<p>1 x RELACART PM-160 Diversity In-Ear Transmitter</p>1 x device
1 x antenna

1 x external mains adapter
2 x jack cable
1 x user manual
1 x declaration of conformity
1 x bag
3 x mounting bracket
8 x screw

<p>1 x RELACART PM-160R Diversity In-Ear Receiver</p>1 x receiver
1 x headphones
1 x fixation clip
1 x user manual
1 x declaration of conformity