

OMNITRONIC IEM-500 In-ear monitoring set

No. 14013200

- + Stationary UHF transmitter
- + UHF pocket receiver
- + Mini ear phones
- + In a practical transport suitcase
- + Parallel operation of 3 systems
- + License-free and approved in the EU
- + Future-proof frequency range (863-865 MHz)



- Set includes a stationary stereo UHF transmitter, a stereo UHF pocket receiver and mini earphones in a practical transport case
- Operation in the low-interference UHF band (863-865 MHz) with 16 frequencies selectable
- Parallel operation of 3 systems is possible without any interference
- Multifrequency transmitter with UHF pilot tone technology (PLL)
- Transmits signals to any number of receivers with the same carrier frequency
- Parallel operation of 3 sets is possible without any interference
- Further pocket receivers STR-500 can be ordered separately
- Operation range with line of sight approx. 50 meters
- License-free and approved in the EU
- Stationary transmitter: • Rubber antenna with TNC connection • LCD for mono/stereo mode, stereo signal input and transmission frequency • 2 adjustable inputs via balanced combo mounting jacks XLR/6.3 mm • Adjustable headphones output • Stereo or mono mode • Rugged black metal housing with red aluminum front panel • Operation via supplied power unit • Rack installation (1 U) via mounting set • Rack mounting set with antenna cable, TNC plug and TNC socket for one transmitter included in the delivery
- STR-500 pocket receiver: • Adjustable earphones output • Balance (left, right) adjustable • LCD for battery capacity, receiving frequency, and RF signal • High frequency boost selectable • Lock function for prevents undesired changes to settings • Belt clip • Power supply via included 2 x 1.5 V mignon batteries (type AA)

Technical specifications:

General Data	
Carrier frequency:	UHF 863.000 - 865.000 MHz (16 channels)
Modulation:	FM
Frequency response:	60 - 16,000 Hz (± 3 dB)
Frequency stability:	± 0.005 %
Tone signal:	32,768 kHz
S/N ratio:	>90 dB at 48 kHz deviation
Dynamic range:	>96 dB
T.H.D.:	<1 % at 1 kHz
Coverage:	50 m (with line-of-sight)
STT-500 Stationary Transmitter	
Antenna:	TNC, detachable
RF power output:	10 mW max.
Maximum deviation:	± 48,000 Hz
Signal inputs:	2 x balanced combo XLR/6.3 mm jack
Input impedance:	100 kohms
Input sensitivity:	-6 dBV
Gain adjustment range:	40 dB
Power supply:	230 V AC, 50 Hz ~ via supplied power unit
Power consumption:	5 W
Dimensions (WxDxH):	212 x 160 x 44 mm
Weight:	1 kg
Earphones	
Transducer type:	Dynamic
Frequency range:	20 - 20,000 Hz
Impedance:	32 ohms, ±15 %
Sensitivity:	94 dB, ±3 dB
Cable length:	1.2 m
Connection:	3.5 mm stereo plug
Weight:	14 g
Accessories:	
OMNITRONIC SEP-100 In-ear phones black	No. 14000202
OMNITRONIC SEP-110 In-ear phones skin co.	No. 14000203
OMNITRONIC TNC set rack mount	No. 13063050
OMNITRONIC Antenna cable TNC set 3 m	No. 13063042
OMNITRONIC Antenna cable TNC set 5 m	No. 13063044
OMNITRONIC Antenna cable TNC set 10 m	No. 13063046

OMNITRONIC STR-500 Bodypack Receiver IEM

No. 14013220

- + Multifrequency in-ear monitoring receiver
- + Set with mini earphones, supplied in a practical transport case
- + Replacement or extension for the matching in-ear monitoring system IEM-500
- + Future-proof frequency range (863-865 MHz)
- + 16 frequencies selectable
- + License-free and approved in the EU



- Multifrequency in-ear monitoring receiver set with mini earphones, supplied in a practical transport case
- Replacement or extension for the matching in-ear monitoring system IEM-500
- Operation in the low-interference UHF band (863-865 MHz) with 16 frequencies selectable
- Pilot tone technology (PLL)
- Operation range with line of sight approx. 50 meters
- Adjustable earphones output
- Balance (left, right) adjustable
- LCD for battery capacity, receiving frequency, and RF signal
- High frequency boost selectable
- Lock function for prevents undesired changes to settings
- Belt clip
- Power supply via included 2 x 1.5 V mignon batteries (type AA)
- License-free and approved in the EU

Technical specifications:

Pocket receiver	
Modulation:	FM
Antenna:	Built-in
System:	Non-diversity, one channel
Carrier frequency:	UHF 863.000 - 865.000 MHz (16 channels)
Frequency stability:	± 0.005 %
Tone signal:	32,768 kHz
Selectivity:	>55 dB
Dynamic range:	>94 dB
Audio output:	3.5 mm stereo jack
Audio output level:	100 mW
Power supply:	2 x 1.5 V mignon batteries (type AA)
Current consumption:	approx. 130 mA, ± 5 mA
Battery life:	approx. 5 hours, depending on the volume
Dimensions (WxDxH):	165 x 23 x 64 mm
Weight:	100 g
In-earphones	
Transducer type:	Dynamic
Frequency range:	20 - 20,000 Hz
Impedance:	32 ohms ±15 %
Sensitivity:	94 dB ±3 dB
Cable length:	1.2 m
Connection:	via 3.5 mm stereo plug
Weight:	14 g