



Multi-BAND RF

One receiver for every market worldwide—offering true freedom with unmatched frequency agility



True Diversity Reliability

With two internal receivers, the MPR60 boasts an unprecedented capacity for range and reliability



3 Operating Modes

Switching by SW to different modes for compatibility with Wisycom IEM transmitter or Microphone transmitter

- IEM Stereo
- IFB Wideband
- IFB Narrowband



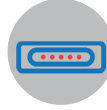
Light and Robust

Incredibly small, rounded bodypack for more comfortable wear in live, theater productions, movies and other applications requiring discreet placement. Thanks to the high resistance powder coating, it is a robust receiver and offers protection against dust/water



Automatic Pwr Limitation

Maximum audio volume chosen by setting considering even different headphone impedances



Magnetic Connector

Proprietary waterproof magnetic connector

- USB High Speed for management
- Powering and battery charging



Remote Control

Monitor & control via Wisycom Manager software or mobile device apps



OTHER FEATURES

- Exceptional audio quality & stereo channel separation
- Audio out: 3.5 mm jack with locking
- RF efficiency – superior with 400 kHz equidistance in IEM mode
- Superior RF efficiency & robustness
- RF connector easily replaceable by service tool (no soldering required)
- High resolution display with 4 buttons enable quick manual setup
- Automatic brightness adjustment ideal for outdoor use, even in direct sunlight





CONFIGURATION

Item: **MPR60**

One receiver for worldwide coverage!

MPR60 range	470-800	+	823-832	+	940-960	+	1240-1260
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Range in main countries:

 Europe	470-800	823-832	
 North America	470-663		940-960
 Japan	470-714		1240-1260
 South Korea	470-698		



ACCESSORIES & RELATED



Item: LBPXL

Rechargeable Lithium-ion battery
2000 mAh 3.7V / 7.4 Wh
CameronSino Model no.: CS-WM-R500XL, part number: LBPXL



Item: ACM50

Rack lithium battery charger capable of charging up to 10 LBPXL batteries simultaneously



Item: CAUSBM5P

Cable from USB-C to magnetic connector 5pin-M, lenght=50 cm for battery charging and management



Item: AWSS-xx

Whip antenna, SSMA connector
AWSS-BK: 470-580 MHz, black cap
AWSS-YL: 580-700 MHz, yellow cap
AWSS-GN: 700-852 MHz, green cap
AWSS-BL: 890-1100 MHz, blue cap
AWSS-RD: 1100-1260 MHz, red cap



Item: MTK982

Dual wideband, stereo IEM/IFB transmitter



Item: MTP60

Bodypack transmitter powering with 2 x AA battery (Alkaline, NiMh, Lithium) or MPRLBP lithium battery (5.55 Wh)



Item: MTP61

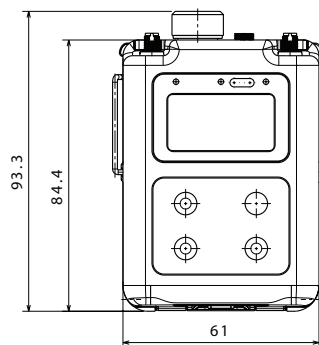
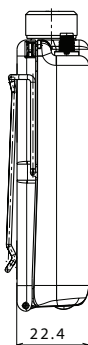
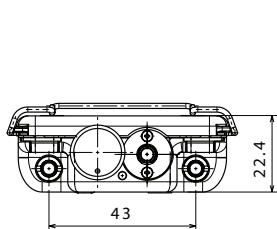
Miniature bodypack transmitter
Powering with Lithium-ion battery pack



Item: MTH610

Handheld transmitter powering with 2 x AA battery (Alkaline, NiMh, Lithium)

DIMENSIONS



dimensions in mm

TECHNICAL SPECIFICATIONS

RF SPECIFICATIONS	Frequency ranges	470-800 + 823-832 + 940-960 +1240-1260 MHz
	Switchable channels	2400, managed in 40 groups of 60 frequencies completely user customizable
	Switching-window	379 MHz
	Frequencies	Quartz PLL frequency synthesizer circuit (5 kHz step width)
	Frequency error	< ± 2.5 ppm, within the rated temperature range
	Diversity technique	True diversity
	Modulation	IEM Stereo Multiplex, 200kHz RF BW, compatible with MTK982, MTK952 IFB Wideband 200kHz RF BW, compatible with Microphones (MTP60, MTP61, MTH610) WB modulation IFB Narrowband 100kHz RF BW, compatible with Microphones (MTP60, MTP61, MTH610) NB modulation
	Peak deviation	±48 kHz (IEM Stereo) ±56 kHz (IFB Wideband) ±35 kHz (IFB Narrowband)
	“A” / “B” antenna inputs	SSMA connectors
	Antenna input impedance	50 ohm (SWR < 1:2; typ. 1:1.4)
AUDIO SPECIFICATIONS	Sensitivity	2 µV (6 dBµV), for SND/N > 52 dB; in the whole switching-window*
	Spurious emissions	< 2 nW (typical = 0.1 pW)
	Noise Reduction system	ENS - Wisycom sound optimized
	AF bandwidth	30 Hz - 15 kHz (IEM Stereo) 45 Hz - 20 kHz (IFB Wideband) 45 Hz - 17 kHz (IFB Narrowband)
	Frequency response	± 0.5 dB in the 30 Hz ÷ 15 kHz range
	Distortion	0.3 % typical
	SND/D ratio	90 dB typical*
	Stereo separation	> 60 dB
	Headphone-output	Stereo Plug 3.5mm(TRS) Locking (M6 x 0.5 thread), 2 x 125 mW @ 16 Ohm
	Managing interface	Remote control interface (Bluetooth and LoRa) and proprietary waterproof magnetic connector 5 pin (USB HS +power)
OTHERS	LED	2 RGB LEDs (red, green and blue) for audio, RF and battery status
	Display	Graphic high resolution display 180x350 px
	Powering	2 x IEC-LR6 1.5V size-AA alkaline or rechargeable elements
	Battery life	Approx. 3.5 hours (alkaline batteries), 6.5 hours (LBPXL lithium batteries)
	Temperature range	-10 ÷ + 55 °C
	Dimensions	93.3mm x 61mm x 22.4mm (HxWxD)
	Weight	Approx. 140 g (without battery)

* RMS value, A-weighted, 22 Hz / 22 KHz, and referred to the peak deviation