

MTP61 is a miniature pocket transmitter ideal for location sound, theater and all situations where the smallest size is mandatory



**Multi-BAND
RF**

The multi-band MTP61 currently has the widest tuning range of any wireless transmitter on the market offering a massive range of frequencies to choose from.



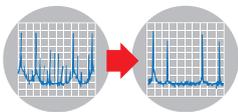
**Light and
Robust**

Incredibly small, rounded bodypack for more comfortable wear in theater productions, movies and other applications requiring discreet placement. Thanks to the high resistance powder coating, it is a robust transmitter and its unique design offers protection against water splashes



**Bluetooth 5
Long Range**

Monitor & control with Bluetooth via Wisycom Manager software or mobile device apps to adjust parameters in real time



**LINEAR
Intermodulation FREE**

Advanced linear technology eliminates intermodulation distortion for more robust signal, extended range, and the ability to operate multiple transmitters in close proximity to each other without needing an intermod frequency plan.



**Ultrasonic
HW Protection**

Integrated low-pass audio filter eliminates ultrasonic interference from devices such as focus pullers

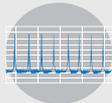


**IP
Protection**



**NB/WB High Density
SW selectable with NB filters**

DSP based signal processing allows easy switching between wide and narrow band operation which, together with "Linear" mode allows intermod free frequency planning with as little as 200kHz channel spacing



**Embedded
Recorder**

Audio recording on memory card (SD)



Simultaneous transmit and audio recording on internal 64GB micro SD memory card (except in USA)



Powering with Lithium-ion battery
Model LBP61
3.7V, 1050 mAh, 3.9Wh



**Magnetic
Connector**

Proprietary waterproof magnetic connector 5 pin:

- USB High Speed
- Power (also battery charging)
- LTC Timecode Sync



CONFIGURATIONS
COUNTRY RANGE
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EU 470-832 MHz

UK1 470-663 MHz + 960-1075 MHz

UK2 510-698 MHz + 960-1075 MHz

JP1 660-714 MHz

JP2 806-810 MHz

JP3 1240-1260 MHz

US* 470-608 MHz + 614-663 MHz + 940-960 MHz

**Simultaneous recording and wireless transmission is not available on transmitters sold in the USA (code: MTP61-US)*
CA 470-608 MHz + 614-663 MHz + 940-960 MHz

MX 470-608 MHz + 614-832MHz

KR 510-698 MHz + 925-937,5 MHz

i.e. variants code:

MTP61-EUX: European transmitter version 470-832 MHz

MTP61-UK1: UK transmitter version 470-663 and 960-1075 MHz

MTP61-US: USA transmitter version 470-663 MHz and 940-960 MHz

ANTENNAS CODE
MIC PINOUT

Ant Label	Code	Band MHz
507	AWSS-507	470-547
590	AWSS-590	547-663
552	AWSS-552	510-595
646	AWSS-646	595-698
710	AWSS-710	663-760
796	AWSS-796	760-832
808	AWSS-808	806-810
950	AWSS-950	940-960
1k1	AWSS-1K1	960-1160
1k2	AWSS-1K2	1240-1260



Mic Mode	Pinout	Impedence
2 wires	1 = GND 3 = AF	7,15 kΩ
2 wires + bias	1 = GND 3 = AF+5 V	3,9 kΩ
3 wires	1 = GND 2 = 5 V 3 = AF	7,15 kΩ
AUX	1 = GND 3 = AF	36 kΩ

CONFORMITY


ACCESSORIES & RELATED



Item: LBP61
rechargeable Lithium-ion battery
Model CS-BCE10
Part No. CGA-S008E
3.7V, 1050 mAh, 3.9Wh
Cameron Sino



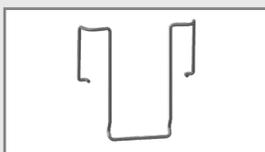
Item: CAD30
Cable adapter, with AF male connector and 1 + 1 female connectors (for MIC and PTT button)
compatible with MTP60/MTP61



Item: LBC61
battery charger capable of charging up to 4 MTP61 and 4 Lithium battery simultaneously



Item: CAUSBM5P
cable from USB-C to magnetic connector 5pin-M, length=50 cm for battery charging, TX management



Item: BCLW61
wire belt clip for MTP61



Item: BCL61
spring loaded belt clip for MTP61



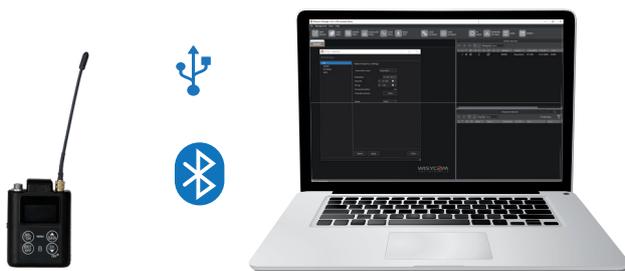
Item: AWSS
Whip Antenna UHF for transmitters with SSMA antenna connector



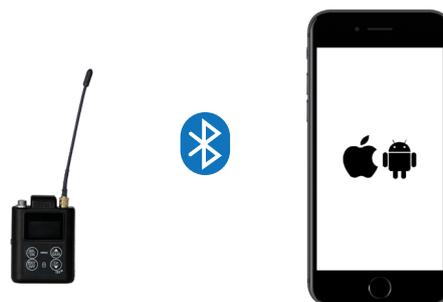
Item: CAPB-xxx
black cap with antenna code
CAPB-507 / CAPB-552 / CAPB-590 / CAPB-646 / CAPB-710 / CAPB-796 / CAPB-808 / CAPB-950 / CAPB-1K1 / CAPB-1K2

WISYCOM SOFTWARE

Easy configuration and monitoring thanks to the Wisycom Manager software for PC and Wisycom App for iOS or Android smartphone and tablet.



Easy connection to PC with remote control interface or USB



Remote control interface and mobile app allows full control from mobile or tablet.



Remote control interface with the MRK16 as a bridge allows remote control the MTP61

MRK16



TECHNICAL SPECIFICATIONS

RF SPECIFICATIONS	Frequency range	from 470 to 1260 Mhz, depends on the country (see Configurations)
	Switchable channels	2400 managed in 40 groups of 60 frequencies completely user programmable
	Switching-window	up to 362 MHz, depending on band (see Configurations)
	Frequencies	Quartz PLL frequency synthesizer circuit (5 kHz step)
	Frequency error	±2.5 ppm, in the rated temperature range
	RF Power	10mW/ L10 W/ 20 mW/ L20 mW/ 50 mW/ 100 mW* <small>*on specific configurations</small>
	Antenna connector	SSMA
	Modulation	Wideband and Narrow-band with DSP based digital signal processing
	Nominal deviation	±40 kHz Wideband / ±25 kHz Narrowband
	Peak deviation	±56 kHz Wideband / ±35 kHz Narrowband
Spurious emissions	< 2 nW	
Telemetry feature	TX transmits also a digitally modulated sub-carrier, suitable for: <ul style="list-style-type: none"> • tone-squelch operating • remote battery monitoring, compander and modulation control • optional PTT (push to talk) operation 	
Noise Reduction system	ENS - Wisycom ultra-high performance compander	
AUDIO SPECIFICATIONS	AF bandwidth in NarrowBand mode (NB)	Audio frequency response (dBA): <ul style="list-style-type: none"> • 45 Hz ÷ 17 KHz (3dB)
	AF bandwidth in WideBand mode (WB)	Audio frequency response (dBA): <ul style="list-style-type: none"> • 45 Hz ÷ 20 KHz (3dB)
	Distortion	< 0.3 % (0.15 % typ.)
	SND/D ratio (Analogue)	typ. 115 dB (A)rms with 40 kHz deviation; typ. 121 dB (A)rms with 56 kHz deviation Wideband typ. 115 dB (A)rms with 25 kHz deviation; typ. 121 dB (A)rms with 35 kHz deviation Narrowband
	Audio input connector	LEMO 3pin DPA MicroLock® connector (on request)
	Audio input level	from -40 dBu (12mV RMS) to 6 dBu (1.55Vrms) adjustable in 1 dB steps input dynamic extension with an integrated limiter
	Max input level	+6 dBu (1.55Vrms) at clipping
	Storage media	internal 64 GB micro SD memory card (industrial grade heavy duty)
	Time code	linear Timecode decoding
	Bit rate	24 bit / 32 bit
RECORDER	Sampling rate	48 kHz
	Managing interface	remote control interface or proprietary waterproof magnetic connector 5 pin (USB HS +power +LTC)
	LED	3 RGB LEDs (red, green and blue) for audio, RF, battery status and battery charger
	Battery level indication	percentage or minute/second
	PTT function	pin 3 of AF connector can be controlled via an external PTT button
	Display	high contrast OLED white display (128 x 64 pixels)
	Power supply	Cameron Sino Lithium-ion battery Model CS-BCE10 Part No. CGA-S008E (3.7V, 1050 mAh)
	Battery life	approx. 8 hours @ 10mW
	Temperature range	-10 ÷ +55 °C
	Dimensions	66,8mm x 47mm x 17mm (HxWxD) without clip
OTHERS	Weight	approx. 62 g. without battery, 84 g. with battery