

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



**Multi-BAND  
RF**

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



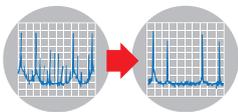
**Light and  
Robust**

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**

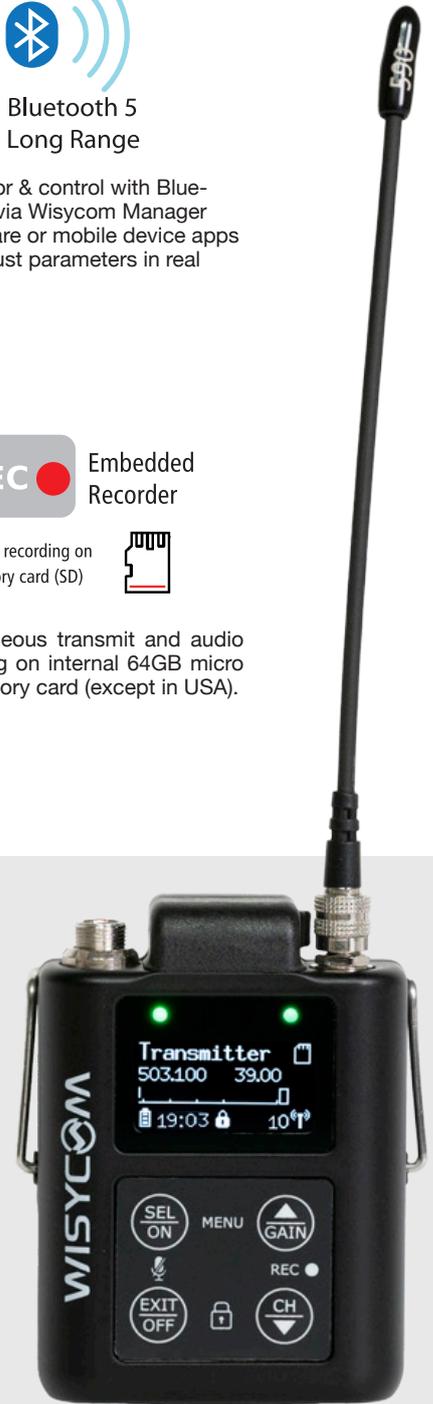
Integrated low-pass audio filter eliminates ultrasonic interference from devices such as focus pullers.



**REC** Embedded  
Recorder



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



**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.



**+19h**  
Long  
Autonomy

With extended battery autonomy, it lets you forget about changing batteries altogether.



Powering with Lithium-ion battery  
Model LBP61XL  
3.7V, 2100 mAh, 7.7Wh



**IP  
65**  
Protection



**Magnetic  
Connector**

Proprietary waterproof magnetic connector 5 pin:

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



### CONFIGURATIONS

#### COUNTRY RANGE

<b>EUX</b>	470-832 MHz
<b>UK1</b>	470-663 MHz + 960-1075 MHz
<b>UK2</b>	510-698 MHz + 960-1075 MHz
<b>JP1</b>	660-714 MHz
<b>JP2</b>	806-810 MHz
<b>JP3</b>	1240-1260 MHz
<b>AU</b>	520-694 MHz

#### COUNTRY RANGE

<b>US*</b>	470-608 MHz + 614-663 MHz + 940-960 MHz <i>*Simultaneous recording and wireless transmission is not available on transmitters sold in the USA (code: MTP61-US)</i>
<b>CA</b>	470-608 MHz + 614-663 MHz + 940-960 MHz
<b>MX</b>	470-608 MHz + 614-832MHz
<b>KR</b>	510-698 MHz + 925-937,5 MHz

#### OPTION

<b>DP</b>	DPA MicroLock® connector
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i.e. variants code:  
MTP61-EUX\_XL: European transmitter XL version 470-832 MHz  
MTP61-UK1\_XL: UK transmitter XL version 470-663 and 960-1075 MHz  
MTP61-US\_XL-DP: USA transmitter XL version 470-663 MHz and 940-960 MHz with DPA MicroLock® connector

### ANTENNAS CODE

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

### MIC PINOUT



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

With only 7 millimeters of additional depth compared to the standard MTP61, the MTP61 XL offers double the battery life while maintaining all the same exceptional features.



### CONFORMITY



**ACCESSORIES & RELATED**



**Item: LBP61XL**  
rechargeable Lithium-ion battery  
Model CS-CM053SL  
Model LBP61XL  
3.7V, 2100 mAh, 7.7Wh  
Cameron Sino



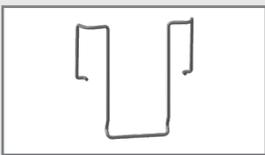
**Item: CAD30**  
Cable adapter, with AF male connector and 1 + 1 female connectors (for MIC and PTT button)  
compatible with MTP60/MTP61



**Item: LBC61\_XL**  
battery charger capable of charging up to 4 MTP61/MTP61-XL 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: BCLW61XL**  
wire belt clip for MTP61 XL



**Item: POUMTP**  
Soft Pouch for pocket transmitter  
240 x 125 mm



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



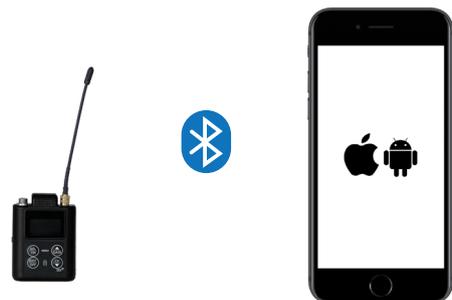
**Item: CAPB-xxx**  
black cap with antenna code  
CAPB-507 / CAPB-552 / CAPB-590 / CAPB-646 / CAPB-710 / CAPB-796 / CAPB-808 / CAPB-950 / CAPB-1K1 / CAPB-1K2

**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**

<b>RF SPECIFICATIONS</b>	<b>Frequency range</b>	from 470 to 1260 Mhz, depends on the country (see Configurations)	
	<b>Switchable channels</b>	2400 managed in 40 groups of 60 frequencies completely user programmable	
	<b>Switching-window</b>	up to 362 MHz, depending on band (see Configurations)	
	<b>Frequencies</b>	Quartz PLL frequency synthesizer circuit (5 kHz step)	
	<b>Frequency error</b>	±2.5 ppm, in the rated temperature range	
	<b>RF Power</b>	10mW/ L10 W/ 20 mW/ L20 mW/ 50 mW/ 100 mW* <small>*on specific configurations</small>	
	<b>Antenna connector</b>	SSMA	
	<b>Modulation</b>	Wideband and Narrow-band with DSP based digital signal processing	
	<b>Nominal deviation</b>	±40 kHz Wideband / ±25 kHz Narrowband	
	<b>Peak deviation</b>	±56 kHz Wideband / ±35 kHz Narrowband	
<b>Spurious emissions</b>	< 2 nW		
<b>Telemetry feature</b>	TX transmits also a digitally modulated sub-carrier, suitable for: <ul style="list-style-type: none"> <li>• tone-squelch operating</li> <li>• remote battery monitoring, compander and modulation control</li> <li>• optional PTT (push to talk) operation</li> </ul>		
<b>Noise Reduction system</b>	ENS - Wisycom ultra-high performance compander		
<b>AUDIO SPECIFICATIONS</b>	<b>AF bandwidth in NarrowBand mode (NB)</b>	Audio frequency response (dBA): <ul style="list-style-type: none"> <li>• 45 Hz ÷ 17 KHz (3dB)</li> </ul>	
	<b>AF bandwidth in WideBand mode (WB)</b>	Audio frequency response (dBA): <ul style="list-style-type: none"> <li>• 45 Hz ÷ 20 KHz (3dB)</li> </ul>	
	<b>Distortion</b>	< 0.3 % (0.15 % typ.)	
	<b>SND/D ratio (Analogue)</b>	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	
	<b>Audio input connector</b>	LEMO 3pin DPA MicroLock® connector (on request)	
	<b>Audio input level</b>	from -40 dBu (12mV RMS) to 6 dBu (1.55Vrms) adjustable in 1 dB steps input dynamic extension with an integrated limiter	
	<b>Max input level</b>	+6 dBu (1.55Vrms) at clipping	
	<b>RECORDER</b>	<b>Storage media</b>	internal 64 GB micro SD memory card (industrial grade heavy duty)
		<b>Time code</b>	linear Timecode decoding
		<b>Bit rate</b>	24 bit / 32 bit
<b>Sampling rate</b>		48 kHz	
<b>Managing interface</b>		remote control interface or proprietary waterproof magnetic connector 5 pin (USB HS +power +LTC)	
<b>LED</b>		3 RGB LEDs (red, green and blue) for audio, RF, battery status and battery charger	
<b>Battery level indication</b>		percentage or minute/second	
<b>PTT function</b>		pin 3 of AF connector can be controlled via an external PTT button	
<b>OTHERS</b>		<b>Display</b>	high contrast OLED white display (128 x 64 pixels)
		<b>Power supply</b>	Cameron Sino Lithium-ion battery Model CS-CM053SL Part No. LBP61XL (3.7V, 2100 mAh, 7.7Wh)
	<b>Battery life</b>	over 19 hours @ 10mW 16 hours @ 50mW approx. 15 hours at 100mW with recording enabled	
	<b>Temperature range</b>	-10 ÷ +55 °C	
	<b>Dimensions</b>	66,8mm x 47mm x 24mm (HxWxD) without clip	
	<b>Weight</b>	approx. 66 g. without battery, 109 g. with battery	

