

MTP60 is a pocket transmitter  
specially designed for professional wireless microphone applications



**Multi-BAND  
RF**

The multi-band MTP60 currently has the widest tuning range of any wireless transmitter on the market offering a massive range of frequencies to choose from.



**Remote  
Control**

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

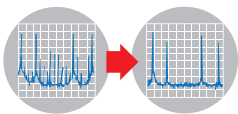


**Real Time  
Positioning**



**XYZ  
Accelerometer**

Dedicated hardware for accurate real time positioning and advanced user interface for accessibility assistive gestures.



**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



**Embedded  
Recorder**

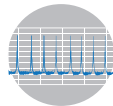
Audio recording on memory card (SD)\*



Simultaneous transmit and audio recording on micro-SD (except in USA)



**NB/WB**



**High Density  
SW**

selectable with NB filters

FPGA 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



**Haptic  
Engine**

An integrated haptic engine that gives tactile feedback with different vibration patterns. This can also be activated by the remote control to discreetly alert users



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

Small bodypack with ergonomic rounded edges for comfort in TV, theater, movies and other applications requiring discreet deployment.



\* Simultaneous recording and wireless transmission is not available on transmitters sold in the USA (code: MTP60-US-BT1)



**CONFIGURATIONS**

**COUNTRY RANGE**

- EU** 470-832 MHz, Max power 50mW
- EUX** 470-832 MHz, Max power 100mW
- UK1** 470-663 MHz, Max power 100mW  
+ 960-1075 MHz, Max power 50mW
- UK2** 510-698 MHz, Max power 100mW  
+ 960-1075 MHz, Max power 50mW
- JP1** 660-714 MHz, Max power 10 mW
- JP2** 806-810 MHz, Max power 10mW
- JP3** 1240-1260 MHz, Max power 50 mW
- KR** 470-663 MHz, Max power 100mW  
+ 925-937.5 MHz, Max power 10mW
- AU** 520-694 MHz, Max power 100mW
- MX** 470-608 MHz + 614-832 MHz, Max power 100 mW

i.e. variants code:

MTP60-EUX-BT1: European transmitter version 470-832 MHz max power 100mW

MTP60-UK1-BT1: UK transmitter version 470-663 max power 100mW and 960-1075 MHz max power 50mW

MTP60-US-BT1: USA transmitter version 470-663 MHz and 940-960 MHz max RF power 100mW

**COUNTRY RANGE**

- US\*** 470-608 MHz, Max power 100mW  
+ 614-663 MHz, Max power 20mW  
+ 940-960 MHz, Max power 100mW
- CA** 470-608 MHz, Max power 100mW  
+ 614-663 MHz, Max power 20mW  
+ 940-960 MHz, Max power 100mW

*\*Simultaneous recording and wireless transmission is not available on transmitters sold in the USA (code: MTP60-US-BT1)*

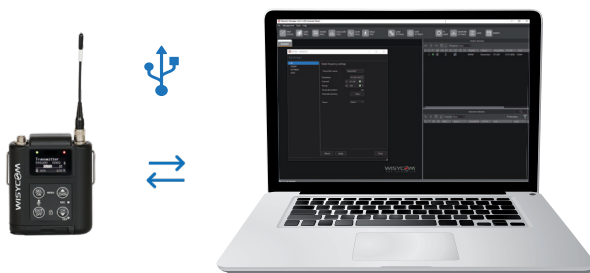
**MIC PINOUT**



Mic Mode	Pinout
2 wires	1 = GND 3 = AF
2 wires + bias	1 = GND 3 = AF+5,5 V
3 wires	1 = GND 2 = 5,5 V 3 = AF
PHA60-12V	1 = GND 2 = 3,1 V for Phantom 3 = AF
PHA60-48V	1 = GND 2 = 3,1 V for Phantom 3 = AF + 5,5 V

**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 USB-C or Remote control



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



**MRK16**



Remote control with the MRK16 as a bridge allows management of the MTP60 over hundreds of meters



## ACCESSORIES & RELATED



**Item: MPRLBP**  
rechargeable Lithium-ion battery  
1500 mAh 3,7V/5,55 Wh  
manufacturer: Cameron Sino  
part number: CS-WMR500SL



**Item: ACM50**  
rack lithium battery charger capable  
of charging up to 10 MPRLBP batter-  
ies simultaneously



**Item: ADT60**  
Power Adapter for MTP60.  
Power input: 6-18V DC feeding



**Item: AWKIT3**  
kit 10 antennas with LEMO connector  
for MTPxx (with caps and tube)



**Item: PHA60**  
48V Phantom adapter with lemo con-  
nector for Tx connection and hooks  
for easy pole attachment



**Item: CAD30**  
Cable adapter, with AF male connec-  
tor and 1 + 1 female connectors (for  
MIC and PTT button)  
compatible with MTP60/MTP40S



**Item: PHA48**  
plug-on for XLR3 Mic with 48V Phan-  
tom power  
To be used with CAL48



**Item: CAL48/S**  
Audio cable LEMO 3pin to miniXLR-5F  
CAL48: 70 cm  
CAL48S: 27 cm (recommended for  
MTP60)



**Item: BCL60**  
spring loaded belt clip for MTP60



**Item: BCLW60**  
wire belt clip reversible for MTP60



**Item: AWF30-`<code>`**  
Whip Antenna UHF for transmitters  
with LEMO antenna connector



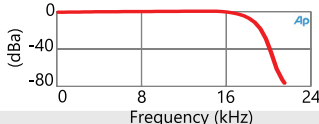
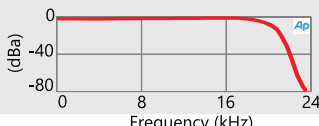
**Item: VAP20**  
Black case for 2 transmitters  
compatible with MTP60 and MTP40S  
dimension 4.6x20x19 cm (HxWxD)

	Ant Label	Code	Band MHz
Antenna type	507	AWF30-B1-507	470-547
	590	AWF30-B1-590	547-663
	552	AWF30-B3-552	510-595
	646	AWF30-B3-646	595-698
	710	AWF30-710	663-760
	796	AWF30S-796	760-832
	808	AWF30-BP-808	806-810
	950	AWF30-B8-950	940-960
	1k1	AWF30-B6-1K1	960-1160
	1k2	AWF30-B9-1250	1240-1260

## CONFORMITY



**TECHNICAL SPECIFICATIONS**

<b>RF SPECIFICATIONS</b>	<b>Frequency range</b>	from 470 to 1075 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
	<b>Antenna connector</b>	LEMO-F 1 pin
	<b>Modulation</b>	Wideband and Narrow-band with FPGA 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</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
	<b>Audio input level</b>	from -40 dBu (12mV RMS) to 26 dBu (15.5 V RMS) adjustable in 1 dB steps
	<b>Max input level</b>	+26 dBu (15.5 V) at clipping, +20 dBu (7.75 V) at nominal level
	<b>Preamplifier equivalent input noise (EIN)</b>	-120.8dBV @ 2.2dB gain -125.8dBV @ 12.2dB gain
	<b>Storage media</b>	micro SD memory card (.wav files - BWF)
	<b>Time code</b>	Linear Timecode decoding
	<b>Bit rate</b>	24 bit / 32 bit floating
	<b>RECORDER</b>	<b>Sampling rate</b>
<b>Managing interface</b>		Remote control, USB-C
<b>LED</b>		2 RGB LEDs (red, green and blue) for audio, RF and battery status. 1 LED for recording, 1 LED for 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>Display</b>		High contrast OLED white display (128 x 64 pixels)
<b>Power supply</b>		2 x AA battery (alkaline, NiMH or lithium) or dedicated lithium battery pack (MPRLBP)
<b>Power consumption</b>		250mA@ 3V average (display off, 100mW power)
<b>Battery life</b>		approx. 10 hours @ 10mW with Alkaline batteries
<b>Temperature range</b>		-10 ÷ +55 °C
<b>Dimensions</b>		75,7mm x 61,4mm x 19,4mm (HxWxD) without clip
<b>Weight</b>		Approx. 140 g. without batteries (183 g. with lithium batt.)
<b>OTHERS</b>		