

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.



**Bluetooth 5
Long Range**

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

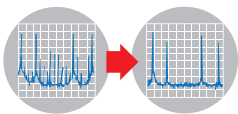


**Real Time
Positioning**



**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**

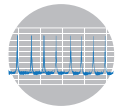
Audio recording on memory card (SD)*



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

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

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

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

ANTENNAS CODE

Ant Label	Code	Band MHz
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

Antenna type

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
2 wires & Phantom	1 = GND 2 = 3,1 V for Phantom 3 = AF
2 wires + bias & Phatom	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, Bluetooth or IR with suitable interface



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



MRK16



Bluetooth 5 Long Range (Class 1, 100mW) with the MRK16 as a bridge allows remote control 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: 6-28V DC feeding



Item: ACMMTP
battery charger capable of charging
up to 4 MTP60 simultaneously



Item: PHA60
XLR3 power with 12/18/48V Phantom
power with lemo connector 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



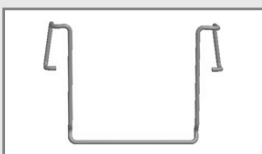
Item: PHA48
plug-on for XLR3 Mic with 48V Phan-
tom power
To be used with CAL48



Item: CAL48
Cable to connect an MTP40/40S to
a PHA48 to use microphone with
Phantom



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



Item: VAP20
Black case for 2 transmitters
compatible with MTP60 and MTB40S
dimension 4.6x20x19 cm (HxWxD)

CONFORMITY



TECHNICAL SPECIFICATIONS

RF SPECIFICATIONS	Frequency range	from 470 to 1075 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
	Antenna connector	LEMO-F 1 pin
	Modulation	Wideband and Narrow-band with FPGA 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 • 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
	Audio input level	from -40 dBu (12mV RMS) to 26 dBu (15.5 V RMS) adjustable in 1 dB steps
	Max input level	+26 dBu (15.5 V) at clipping, +20 dBu (7.75 V) at nominal level
	Storage media	micro SD memory card (.wav files - BWF)
	Time code	Linear Timecode decoding
	Bit rate	16 bit / 24 bit / 32 bit
RECORDER	Sampling rate	48 kHz
	Managing interface	Bluetooth 5 long range, USB-C, IrDA
	LED	2 RGB LEDs (red, green and blue) for audio, RF and battery status. 1 LED for recording, 1 LED for 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	2 x AA battery (alkaline, NiMH or lithium) or dedicated lithium battery pack (MPRLBP)
	Power consumption	250mA@ 3V average (display off, 100mW power)
	Battery life	approx. 10 hours @ 10mW with Alkaline batteries
	Temperature range	-10 ÷ +55 °C
OTHERS	Dimensions	75,7mm x 61,4mm x 19,4mm (HxWxD) without clip
	Weight	Approx. 140 g. without batteries (183 g. with lithium batt.)