

PTT-Z or PTT-U

Push-To-Talk Specifications

**PTT-Z****PTT-U1****PTT-U2****PTT-U3**

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting

Mobility Sound PTT- Z

Model No.: PTT- Z or PTT-U

Made in Taiwan

SPECIFICATIONS

- 2.4GHz transceiver
- -93dbm sensitivity in Bluetooth low energy mode v4.0
- TX Power -20 to +4dbm
- RSSI (1db resolution)
- ARM Cortex – M0 32 bit processor
- Serial Wire Debug (SWD)
- S100 series SoftDevice ready
- Memory
- 256kb embedded flash programmed memory
- 16kb RAM
- Support for non-concurrent multiprotocol operation
- On-air compatibility with nRF24L series
- Flexible Power Management
- Supply voltage range 1.8V to 3.6V
- 2.5us wake-up using 16MHz RCOSC
- 0.6uA @ 3V mode
- 1.2uA @ 3V in OFF mode + 1 region RAM retention
- 2.6uA @ 3V ON mode, all blocks IDLE
- 8/9/10 bit ADC- 8 configurable channels
- 31 General Purpose I/O Pins
- One 32 bit and two 16 bit timers with counter mode
- SPI Master
- Two-wire Master (I2C compatible)
- UART (CTS/RTS)
- CPU independent Programmable Peripheral Interconnect (PPI)
- Quadrature Decoder (QDEC)
- AES HW encryption
- Real Timer Counter (RTC)
- CR2032 battery for 1-2 years life time.

Controls and connection



Installing or Replacing Battery



To change the battery



PTT-Z OR PTT-U

For more information, please visit

www.comm360.biz/ptt-z

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