

SmartTalk«



USER'S MANUAL



Control Panel

Antenna

Flashlight

Speaker

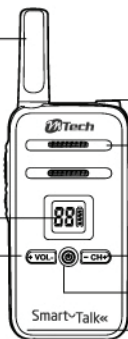
LCD Screen

Volume Adjust

Channel Switch

Power / Function Key

Microphone



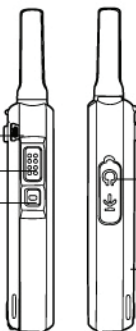
Battery Charging Jack

PTT Switch

Side Key

Earphone Jack

Battery



Battery Charge Instruction

- 1 Turn off your radio
- 2 Turn on charger, battery charger LED light shows green
- 3 Put your radio in charger, LED indication light turns from green to red
- 4 Fully charged if LED indication light turns from red to green
- 5 Eject your radio and turn off the power of battery charger.
- 6 Caution: Don't charge for too long or non-stop charging
- 7 No operation during charging

Battery Power Level

Battery power level is divided to 5 levels from 0-4(highest level 4). When the battery power is too low, a "Du Du" tone will sound to prompt it. Battery power levels are displayed as below:



; 95%



; 70%



; 50%




; 30%




; 5%


Basic Control

Power on/off

Power on: Press "  " for about 3 seconds to turn on the radio, a beep tone can be heard and LCD screen is displayed.

Power off: Press "  " for about 3 seconds to turn on the radio, a beep tone can be heard and LCD screen is displayed.

Channel select 1-20

Press "  " to increase channel number


Press "  " to decrease channel number

* please read p.10 for channel frequency chart



Transceiver

Press "PTT" and speak out to microphone, red indication light on during transmission.

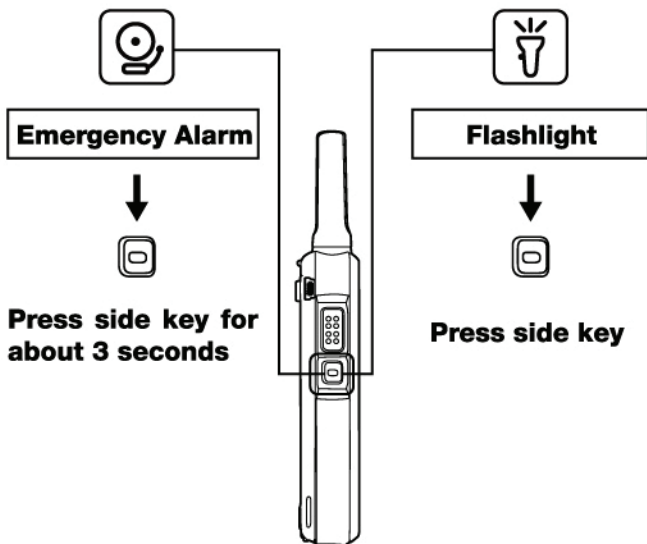
Receiver

Press "  " to turn radio on and ready to receive.

Volume adjust

Press "  " to increase volume, press "  " to decrease the volume. There are 9 levels from U0 to U8. The higher level we choose, the higher volume we will get.

Shortcut Menu Operation



Emergency alarm

Press side key "☐" for about 3 seconds to active emergency alarm, and press "⏻" to cancel. The alarm way contains self alarm and remote alarm. Self alarm means the radio itself sounds alarm tone. Remote alarm means all radios that have received the alarm code will sound alarm tone.

(The alarm code and whether to turn on remote alarm can be set via software.)

Shortcut Menu Operation

Key lock

This is to prevent the keypads from being misused by carelessness or unconsciousness. When keyboard is locked, the volume adjusting and channel selecting functions can not be used.

Key lock operation as below :

- Lock - press "  " display shows  press "  " for 3 sec to lock
- Unlock - press "  " display shows  press "  " for 3 sec to lock

Function

- **Auto Squelch**
- **Battery Save**
- **Press to active LCD display**

Advance Mode (preset by program software)

QT / DQT code squelch

It is possible to set QT/DQT on the channel via program software. There are 38 standard QT and 83 standard DQT for this radio. When a channel is set with QT or DQT, the squelch will be opened only upon receipt of signal with the same QT/DQT. If the same channel uses different QT/DQT for calling purpose, the squelch will not be opened and only green indicator light will illuminate.

Time out timer (TOT)

Time out timer is to prevent the occupation of a channel by one single radio for too long and avoid damages to the radio due to long-term continuous transmission thereby. If the transmission continues beyond the time limit (preset by program software), the radio will stop transmission and give out alarm. To stop the alarm, please release the PTT switch and the radio will resume the state of standby.

Time out alert (TOA)

When transmission time is going to reach the time limit, a "Di" tone will sound to prompt you. It can be set via program software.

Transmission prohibited

When channel is busy or occupied, Transmission is prohibited. A "Di" tone will sound to prompt you.

VOX (Voice Operated Transmitter)

This radio supports VOX function.

Software Program Download

<http://www.m-techdynamic.com/?cid=76664&lang=enus&product=Portable>

Specification

Modulation	F3E
RF Output Power	<0.5W
Frequency Stability	<5ppm
Tx Spurious	<50uW
Rx Spurious	<20nW
Channel Spacing	12.5KHz
Receiver Sensitivity	<0.18uV
Dimension(H:W:D)	135X50X20mm
Weight	120g

Accessories

- Hand strap
- Belt Clip
- Battery Charger
- Charger

Optional Accessories



USB Program Cable



External Microphone



Earphone



Throat Microphone

Channel Frequency Chart

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	409.7500	11	409.8750
2	409.7625	12	409.8875
3	409.7750	13	409.9000
4	409.7875	14	409.9125
5	409.8000	15	409.9250
6	409.8125	16	409.9375
7	409.8250	17	409.9500
8	409.8375	18	409.9625
9	409.8500	19	409.9750
10	409.8625	20	409.9875

* This radio meets HKTA1044 license free radio performance.

* Specifications are subject to change without notice.

Warranty Terms

Scope and Period of Warranty

Guarantees that any walkie-talkie manufactured by us found with material or manufacturing defects will be entitled to free maintenance within the period specified below from the date of purchase, provided that the walkie talkie is used and maintained under normal conditions.

Main Unit	12 months
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The following cases are not covered by warranty:

- 1 Any defect or damage caused by improper or unintended use of the product.
- 2 Any defect or damaged caused by incorrect use, accidents, water spillage or negligence of the user.
- 3 Any defect or damaged caused by incorrect test, operation, maintenance, assembly, refitting or adjustment.
- 4 Antenna defect or damage caused by reasons other than material or manufacturing defects.
- 5 Any defect or damaged caused by unauthorized maintenance and disassembly.
- 6 Product with erased or illegible serial number.
- 7 Product with unidentifiable date of purchase.
- 8 Chargeable batteries with:
 - Damaged or unsealed battery case;
 - Any defect or damage caused by charge or use under equipment or maintenance conditions other than those specified.
- 9 Normal wear and tear.
- 10 Force Majeure.

* If any dispute arises, M-Tech's determination shall be final.

Stamp

Customer Services Department

**Unit 5, 17/F, Grandtech Center,
8 On Ping Street, Shatin, New Territories,
Hong Kong**

Warranty

SmartTalk« GUARANTEE CARD

Thank you for purchasing this product, we have strict quality and safety control for our company product series. In order to ensure our customer interests and our reputation, we provide a year warranty services for our radio product.



Name

Contact

Address

Model

Serial Number

Purchase date

Invoice no.

Dealer Name

SmartTalk« GUARANTEE CARD

The warranty is null and void under the following circumstances:

- >> Unable to present warranty cards and invoice or products are altered or incompatible trace;
- >> In the case of non-normal and non-conventional situation will cause the product defects or damage;
- >> By the misuse, negligence, drop into the water, defect or damage caused;
- >> By the improper testing, operation, maintenance, installation, modification or adjustment cause the defects or damage;
- >> By unauthorized repair, disassemblment cause the damage or defects;
- >> Defects or damage factors caused by force majeure;

