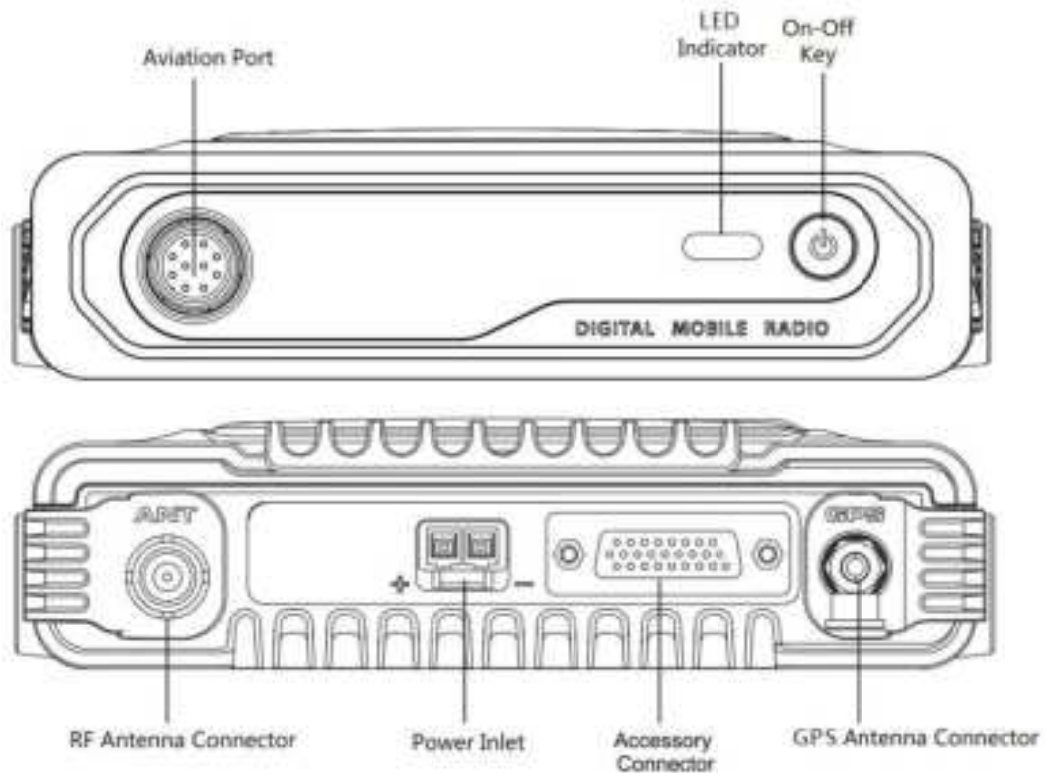# HM65X Digital Mobile Radio
Quick Reference Guide

Hytera Communications Corporation Limited
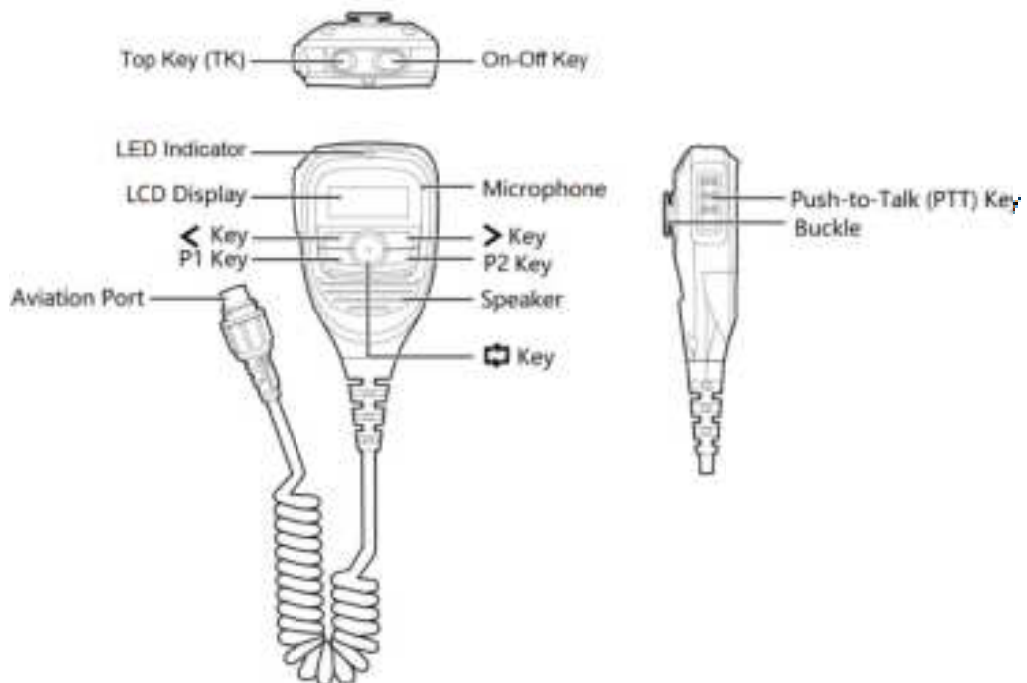
1. Product Layout

HM65X

Palm Microphone

You can request your dealer to program the **Top Key (TK)**, **P1** key, and**P2** key as shortcuts to assignable radio features.

2. Basic Operation

2.1 Turn On or Off the Radio

On the HM65X or the palm microphone, long press the **On-Off** key.

2.2 Adjust the Volume

You can adjust the volume on the microphone.

- On the home screen, press the 📶 key to decrease the volume or the ➤ key to increase the volume.

- Press the 🔳 key to locate the cursor to 🔊▕█▁▁▁▁▁▁▕ and then press the 📶 or ➤ key.

2.3 Select the Zone

- On the home screen, press 🔳 key to locate the cursor to the zone No., and then press the 📶 or ➤ key.

- Press the preprogrammed **Zone Up** or **Zone Down** key.

2.4 Select the Channel

- On the home screen, press 🔳 key to locate the cursor to the channel No., and then press the 📶 or ➤ key.

- Press the preprogrammed **Channel Up** or **Channel Down** key.

- To direct to the preset channel, press the preprogrammed **Preset Channel** key.

3. Status Indications

3.1 LCDIcons

Icon	Description
Tx	The radio detects no signal.
Tᵤⅈⅈ	More bars indicate stronger signal.
⊔⎮	The radio operates in low power mode.
H⎮	The radio operates in high power mode.
⟳	The radio is scanning.
⚠	The radio is in emergency mode.
👤	The radio is on a private call.
👤⁺ / 👤⁺	The radio is making or receiving a private call.
👥	The radio is on a group call.
👥⁺ / 👥⁺	The radio is making or receiving a group call.

For more status icons, refer to the *User Manual*.

3.2 LEDIndicator

LED Indicator		Radio Status
Flashes green		The radio is being turned on.
Glows green		The radio is receiving.
Glows red		The radio is transmitting.
Flashes orange slowly		The radio is scanning or roaming.
Flashes orange rapidly		The radio is in emergency mode.
Glows orange		Call hang time: No voice is being transmitted or received during a call. Within such a period, you can press and hold the **PTT** key and speak.
Flashes blue	Every 3s	The BT feature is enabled, but no BT device is connected.
	Every 1.5s	A BT device is connected.

LED Indicator		Radio Status
	Every 0.1s	The BT feature is being disabled.

4. Call Services

To ensure optimal voice quality on the receiving radio, keep the microphone 2.5 cm to 5 cm away your month during speaking.

4.1 Make a Call on Digital Channel

- On the home screen, select a digital channel, and then press and hold the **PTT** key.

- Press the programmed **One Touch Call** key, and then press and hold the **PTT** key.

4.2 Make a Call on Analog Channel

- Call Without Signaling

  a. On the home screen, select an analog channel.

  b. Press and hold the **PTT** key.

- Call with Signaling

  a. On the home screen, select an analog channel.

  b. Press the **PTT** key or the preprogrammed **One Touch Call** key.

4.3 Emergency Call

The Emergency feature is configured and enabled by your dealer. For details, refer to the *User Manual*.

FCC Statement

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

The user is encouraged to try to correct the interference by one or more 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 different circuit to that of the receiver's outlet.

● Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

● This device may not cause harmful interference.

● This device must accept any interference received, including interference that may cause undesired operation.

Note: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Regulations

Federal Communication Commission (FCC) requires that all radio communication products should meet the requirements set forth in the above standards before they can be marketed in the U.S, and the manufacturer shall post a RF label on the product to inform users of operational instructions, so as to enhance their occupational health against exposure to RF energy.

Operational Instructions and Training Guidelines

To ensure optimal performance and compliance with the occupational/controlled environment RF energy exposure limits in the above standards and guidelines, users should always adhere to the followings:

Gain of antenna must not exceed 0dBi(UHF)

Antenna Installation: install the antenna at least 50 cm away from your body, in accordance with the requirements of the antenna manufacturer/supplier.

This radio complies with IEEE and ICNIRP exposure limits for occupational/controlled RF exposure environment at operating duty factors of up to 50% and is authorized by the FCC for occupational use only.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an controlled environment . This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 50 cm between the radiator &you body.

ISEDC Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference,including interference that may cause
undesired operation of the device.
Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux normes RSS exemptes de licence d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions
suivantes:
(1) l'areil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, onj si le brouillage est susceptible d'en compromettre le fonctionnement.

ISEDC Radiation Exposure Statement:

This equipment complies with ISEDC RF radiation exposure limits set forth for an controlled environment . This transmitter must not be co‐located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 50 cm between the radiator &you body.
IC exposition aux radiations:
Cet équipement est conforme avec ISEDC les limites d'exposition aux rayonnements définies
pour contrôlé environnement.
Cet émetteur ne doit pas être co-localisés ou fonctionner en conjonction avec une autre antenne ou émetteur. Cet équipement doit être installé et utiliséavec une distance minimale
de 50 cm entre leradiateur & votre corps.