



## *QUICK REFERENCE GUIDE*

### *HP70X/78X Digital Portable Radio*



is the trademark or registered trademark of Hytera Communications Corporation Limited.  
© 2021 Hytera Communications Corporation Limited. All Rights Reserved.  
Address: Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District,  
Shenzhen, People's Republic of China  
Postcode: 518057  
[http:// www.hytera.com](http://www.hytera.com)

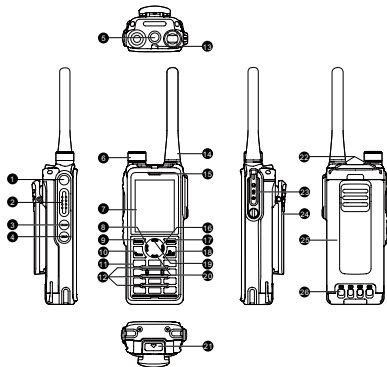
200741321 06073207



5202010081030A

## Product Layout

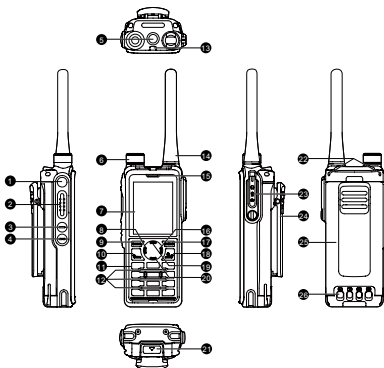
### HP78X



No.	Part Name	No.	Part Name
1	Side Key 1 (SK1) (Programmable)	14	Antenna
2	Push-to-Talk (PTT) Key	15	Microphone
3	Side Key 2 (SK2) (Programmable)	16	Right Key
4	Side Key 3 (SK3) (Programmable)	17	Back/Subgroup Key
5	Top Key (TK) (Programmable)	18	On-Off/P2/End Key (Programmable)

No.	Part Name	No.	Part Name
6	Smart Knob	19	Up Key (Programmable)
7	LCD Display	20	Down Key (Programmable)
8	Left Key	21	Battery Latch
9	OK/Menu Key	22	Strap Hole
10	P1/Answer Key (Programmable)	23	Accessory Connector
11	Keypad	24	Belt Clip
12	Speaker	25	Battery
13	LED Indicator	26	Charging Contacts

### HP70X



No.	Part Name	No.	Part Name
1	On-Off Key	10	Antenna
2	PTT Key	11	Microphone
3	SK1 (Programmable)	12	Battery Latch
4	SK2 (Programmable)	13	Strap Hole
5	TK (Programmable)	14	Accessory Connector
6	Smart Knob	15	Belt Clip
7	OLED Display	16	Battery
8	Speaker	17	Charging Contacts
9	LED Indicator	/	/



#### NOTE

- For details about the programmable keys, contact your dealer.
- Figures in this guide are only for reference.

## Basic Operations

### Charging the Battery



#### CAUTION

- Use the approved charger to charge the battery.
- Read the Safety Information Booklet before charging.
- The remaining lithium-ion battery power is limited to 30% pursuant to the new lithium battery shipment regulation approved by the International Air Transport Association (IATA).

Before initial use, charge the battery alone or the battery attached to the radio. It is recommended to keep the radio turned off during charging.

The LED indicator on the charger shows the charging status, as described in the following table.

Status	Description
Glows red	The battery is being charged.
Glows orange	The battery is charged to 90% or above.
Glows green	The battery is fully charged.
Flashes red slowly	No battery is placed on the charger.
Flashes red rapidly	The battery fails to be charged.

## Turning On or Off the Radio

- To turn on the radio, long press the **On-Off** key or reattach the battery.
- To turn off the radio, long press the **On-Off** key.

## Adjusting the Volume



Rotate the **Smart Knob** clockwise to increase the volume, or counterclockwise to decrease the volume.



## Using the Keypad



### NOTE

This feature is available only for HP78X.

- To lock or unlock the keypad, on the home screen, press the **OK/Menu** key, and then press .
- To enter the content or edit messages, do any of the following:
  - To switch the input method between alphabetic mode and numeric mode, press .

- To enter special characters, press  in alphabetic mode.
- To enter a space, press  in alphabetic mode.

## Selecting a Zone

- Press the preprogrammed **Zone Up** or **Zone Down** key.
- Go to **Menu > Zone** to select a zone. This method applies only to HP78X.

## Selecting a Channel

- Press the **Smart Knob**, and then rotate the knob within 5 seconds.
- Press the preprogrammed **Channel Up** or **Channel Down** key.

## Call Services

To keep the audio quality, keep your mouth 2.5 centimeters to 5 centimeters away from the microphone.

### Initiating a Call on Digital Channel

- Press and hold the **PTT** key.
- Go to **Menu > Contact** to select a contact, and then press and hold the **PTT** key. This method applies only to HP78X.

### Initiating a Call on Analog Channel

- Call Without Signaling  
Press and hold the **PTT** key.
- Call with Signaling
  - Press and hold the **PTT** key.
  - Press the preprogrammed **One Touch Call** key.
  - Go to **Menu > Contact** to select a contact, and then press and hold the **PTT** key. This method applies only to HP78X.

## Emergency













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

## Status Indications

### LED Indicator

Status	Description
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 operating 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 <b>PTT</b> key to speak.
Flashes blue once every 3 seconds	The BT feature is enabled, but no BT device is connected.
Flashes blue once every 1.5 seconds	A BT device is connected.
Flashes blue once every 0.1 second	The BT feature is being disabled.

## LCD Icons

Icon	Radio Status
	More bars indicate more remaining battery power.
	The battery power runs out. Recharge or replace the battery.
	The radio detects no signal.
	The number of bars indicates the signal strength.
	The radio operates in low power mode.
	The radio operates in high power mode.
	The radio is scanning.
	The radio is operating in emergency mode.
	The BT feature is enabled
	A BT device is connected.
	The Location feature is enabled, and valid positioning data has been received.
	The Location feature is enabled, but no valid positioning data has been received.

For details on other icons, refer to the User Manual.

For details on more features and operations, please visit our website at: <http://www.hytera.com>, or scan the QR code to download the relevant user manual.



HP78X



HP70X