#### Legal Information

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# GH65X



#### Phone Overview









QUICK REFERENCE GUIDE

**BROADBAND DIGITAL TRUNKING TERMINAL** 

#### Main Icons

Icon	Description	Icon	Description
4G 1111	Signal strength	¢	Being GPS positioned
Ē	New SMS	Ô	Alarm clock
ſ	Headset connected	?	UIM/(U)SIM card not installed
	Battery level	<b>(</b>	PTT call
(((-	Wi-Fi connected	ाग	LTE service
$\Psi$	USB connected		Cluster registration failed
¢⇒	DMO mode	Ż	Mute
C	Scanning		Prompt/alarm

#### Keypad Lock

In standby status, press and hold the \* key to lock the keypad of the mobile phone.

- When the automatic keypad lock function is enabled, and if you do not operate the keypad during the specified period, the keypad is automatically locked.
- To unlock the keypad in standby status, perform the operations by following the prompt displayed on the screer

When the keypad is locked, your mobile phone can still receive and answer calls. To originate a quick-dial group call, press the PTT key. To originate an emergency call, press the **Emergency call** key. You can originate other calls only after the keypad is unlocked.

#### Common PTT Operations

#### Originating a Full-Duplex Voice/Video Call

- Enter a phone number, or select a phone number of a contact from the **Contacts**. To originate a voice call, press the **Dial** key. To originate a video call, press the Side up key and then press the Dial
- 2. To terminate a call or cancel the dialing, press the End key.

#### Answering a Full-Duplex Voice/Video Call

- 1. To answer a voice or video call, press the **Dial** key.
- 2. To terminate or reject a call, press the End key.

#### Originating a Half-Duplex PTT Call

- 1. You can perform any of the operations to dial a PTT call:
- Keypad

To originate a private call, enter the target number in standby status. To originate a group call, press the # key in standby status, and then enter the target group number. Contacts

- In standby status, select **Main menu** > **Contacts** > **Contacts**, and press the Up/Down key to select the required contact. Call logs
- In standby status, press the **Dial** key to enter the call log list, and press the Up/Down key to select the required contact or phone number
- PTT guick-dial group In standby status, press the Left/Right key to select the concerned PTT quick-dial group
- 2. Hold the **PTT** key, and you can speak when a beep tone is played.
- 3. Release the **PTT** key, and then you can hear the other party speaking or return to the idle status.

#### Answering a Half-Duplex PTT Call

When answering a PTT call, you can hear a short beep tone, and you can hear the other party speaking without any operation. After the other party finishes speaking, hold the  $\ensuremath{\textbf{PTT}}$  key and speak after a beep tone is heard.

After you release the PTT key, you can hear the other party speaking or return to idle status.

#### Terminating a Half-Duplex PTT Call

To terminate a private call, press the **End** key. To terminate a group call, press the menu key **End** select hang up.

#### Note:

For the rights of terminating PTT calls, contact your network operator.

#### Originating a Half-Duplex PTT Video Call

1. You can perform any of the following operations to originate a PTT

Keypad

call:

Press the # key in standby status, and then enter the target group number

- PTT quick-dial group
- In Standby status, press the Left/Right key to select the concerned PTT quick-dial group.
- 2. Press the **Side up** key, and hold the **PTT** key within five seconds. After a beep tone is played, you can speak
- 3. Release the PTT key, and then you can see the other party speaking or return to idle status

#### Answering a Half-Duplex PTT Video Call

When answering a PTT video call, you can hear a short beep tone, and can see the other party speaking without any operation After the other party finishes speaking, hold the **PTT** key and then speak after a beep tone is played.

Release the PTT key, and then you can see the other party speaking or return to idle status.

#### Originating a Half-Duplex PTT Broadcast Call

PTT broadcast calls are one-way calls. After answering a broadcast call, a group member can only listen

PTT broadcast calls can only be originated by dispatchers.

#### Originating a PTT Emergency Call

- PTT emergency calls have the highest priority.
- The emergency call type can be set to Group voice call, Duplex voice call, Duplex video call.
- The emergency number is auto-set, though you can also manually set it as needed
- 2. Press the Emergency call key to originate an emergency call to the specified emergency number

#### Using the PTT Watch Function

- If the watch function is enabled, the mobile phone can only receive the calls specified as watching groups. The other calls cannot be received.
- 1. In standby status, select Main menu > PTT > PTT Settings >
- Watch function. 2. You can set Watch function to Close scan, Scan all or Scan partly. When Scan all is selected, you can receive the alls from all the

# www.ztegota.com.cn.

## 1. In standby status, select Main menu > PTT > PTT Settings > Emergency call. Set the Call types and Emergency number

- - voice call, Duplex video call.

PTT Settings

- is reached

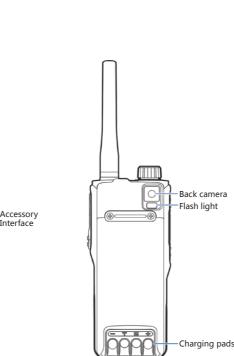
- definition can be specified.

# Learning More

#### **Button Descriptions**

Function

No. Name



1	Home key	In any interface, press the <b>Home</b> key to return to the standby interface.		
2	OK key	<ul> <li>In the standby interface, press the OK key to enter the main menu.</li> <li>Confirm the selected option.</li> <li>Confirm the entered texts</li> </ul>		
3	Back key	Return to the previous interface.		
4	Menu kev	Enter the menu of the corresponding interface.		
5	Delete key	Delete the characters before the cursor during the text editing.		
6	Dial key	<ul><li>Originate and answer calls.</li><li>Enter the call log list in the standby interface.</li></ul>		
7	End key	<ul> <li>Terminate or reject calls.</li> <li>Power on, power off, or restart the mobile phone.</li> <li>Enable or disable the Airplane mode.</li> <li>Return to the standby interface from a non-call interface.</li> </ul>		
8	4-way navigation keys	<ul> <li>Move the cursor in up, down, left, or right direction.</li> <li>In the standby interface, you can press the Left/Right key to switch between quick-dial groups.</li> <li>In the standby interface, you can press and hold the Down key to enter status bar interface.</li> </ul>		
9	Digit keys	<ul> <li>Enter characters.</li> <li>In the standby interface, you can press and hold the <b>0</b> key to enter "+".</li> </ul>		
10	* key	<ul> <li>Press and hold the * key to lock or unlock the keypad.</li> <li>In the text editing interface, you can press the * key to display the symbol input method.</li> </ul>		
11	# key	In the text editing interface, you can press the <b>#</b> key to switch between input methods.		

1. In standby status, select Main menu > PTT > PTT Settings

2. You can configure the following functions as needed:

 PTT Switch: enable or disable the cluster function. When the cluster function is enabled, you can originate and receive PTT calls. When the function is disabled, you cannot originate and receive PTT calls. Watch function: configure the watch function. Close scan, Scan all or **Scan partly** can be specified. When **Scan all** is specified, you can receive the alls from all the groups.

**Emergency call: Call types** and **Emergency number** can be specified. The emergency call type can be set to **Group voice call**, **Duplex** 

Man down alert: enable or disable the Down Warn function. You can also specify the time period after which an alarm is triggered and the alarm mode. After the **Man down alert** function is enabled, if the mobile phone and horizontal line form of less than 30 degree angle, the mobile phone sends an alarm sound after the time period

Voice Control: enable or disable the Voice Control function. You can also set the gain level of peripherals, ranging between 1 to 5. Flip to mute: enable or disable the Flip to mute. After this function

is enabled, the mobile phone is mute when inversely placed.

Video Quality: set the video quality. Smooth, Normal or High

Night vision: After this function is enabled, when the mobile phone is connected to an external USB camera, the camera is automatically enabled in a video call, and you can also start a video call at night.

Switch to DMO: After the mobile phone is switched to DMO mode. PTT calls can be established between two or more mobile phones without involving a BS network.

• More settings: set the Group name and Storage path.

Version Info: guerie the software version information

To learn more information about the functions of the phone, please visit

For related descriptions, safety, and processing information, refer to the ZTE GH65X Digital Trunking Mobile Phone User Manual.

### **RF** Specifications

uency	LTE	GH650	TDD 1.4G(1447~1467MHz) TDD 1.8G(1785~1805MHz)	
		GH651	FDD 450M A(452.5~457.5MHz) FDD 450M C(450~455.7MHz)	
		GH652	TDD 1.9G(1880~1920MHz) TDD 2.3G(2300~2400MHz) TDD 2.6G(2496~2690MHz) TDD 1.8G(1785~1805MHz) TDD 1.4G(1447~1467MHz)	
		GH653	FDD 700M(B13/B14/B28) (777~787MHz/746~757MHz) (788~798MHz/758~768MHz) (703~748MHz/758~803MHz) FDD 800M (B5) (824~849MHz/869~894MHz)	
		GH654	TDD 340M (336~346MHz) ( optional) TDD 450M (380~450MHz)	
		GH656	TDD 600M (566~626MHz;606~678MHz)	
		DMO	400-470MHz	
Max.Radio requency power		LTE	23±2dBm	
		DMO	30dBm	

#### **Battery and Power Adaptor**

Item	Model name
Battery	AB700
Power adaptor	STC-A2O120150C55-A Input: 100-240V~50/60Hz 0.8A Output: 12V==1.5A

#### Cautions

- The product shall only be connected to a USB interface of version USB2.0.
- The device operating temperature range is -20°C ~+60°C.
- The device complies with RF specifications when the device is used at 25mm from your face.
- This device may be operated in all member states of EU. Observe national and local regulations where the device is used. This device may be restricted for use, depending on the local network.

No.	Name	Function		
12	PTT key	<ul> <li>When the terminal is in idle status, you can press the <b>PTT</b> key to originate a PTT call.</li> </ul>		
		• If the call is not established, release the <b>PTT</b> key to release a call.		
		<ul> <li>When a terminal is being involved in a call, you can press the PTT key to request call rights, or release the PTT key to release call rights.</li> </ul>		
13	Side up/down key	<ul> <li>Press the Side up key to switch between video call types.</li> </ul>		
		<ul> <li>The Side down key is a self-defined function key.</li> </ul>		
14	Emergency call key	Press the <b>Emergency call</b> key to dial the preset emergency number.		
15	Knob	<ul> <li>To switch between quick-dial groups, press and then rotate the <b>knob</b>.</li> </ul>		
		<ul> <li>To adjust the volume, rotate the knob.</li> </ul>		
		<ul> <li>To switch between contextual modes, rotate the knob.</li> </ul>		

#### Basic Use

#### Power on/Power off

- To power on or power off the mobile phone, press and hold the End key.
- After power-on, the mobile phone automatically detects whether the UIM/(U)SIM card is inserted or available, and then displays the following prompt in the screen:

Boot password : password required if enabled.

#### Standby Status

After the UIM/(U)SIM card and mobile phone are successfully unlocked, the mobile phone can automatically searches for an available network.

After an available network is searched, the mobile phone enters Standby status, and then you can originate and answer calls. In the Standby interface, you can perform any of the following operations as needed

- Press the **Dial** key to enter the call log list
- Press the **OK** key to enter the main menu.
- Press the Left/Right key to switch between PTT quick-dial groups.
- Press and hold the **0** key to enter "+".
- Press and hold the \* key to lock the keyboard.

#### Declaration of Conformity

Hereby, ZTE CORPORATION declares that this GH65X product is in compliance with essential requirements and other relevant provision of Directive 2014/53/EU.This product is allowed to be used in all EU member states.



#### Toxic or Hazardous Substances or Elements

Parts	Toxic or Hazardous Substances or Elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
LCD	0	0	0	0	0	0
Mainboard	0	0	0	0	0	0
Shell	0	0	0	0	0	0
Accessories	0	0	0	0	0	0

Indicates that the toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.

Indicates that the toxic or hazardous substance contained in at least one of the homogeneous materials for this part is above the limit requirement in SI/T11363-2006

- Information about the substances contained in the product manufactured by ZTE CORPORATION should be continuously updated with the technology development.
- × marked on this product indicates that there are currently no alternative technologies or components. The product manufactured by ZTE CORPORATION is in compliance with the "Administration on the Control of Pollution Caused by Electronic Information Products" published by People's Republic of China.
- ZTE CORPORATION reserves the final rights of explanation of the parts included in this table

The symbol on the right side shows the Environment Friendly Use Period (EFUP) of this product. Some eplaceable parts may have a different EFUP label attached to it, such as the battery unit. This EFUP is valid only under the operating conditions listed in the operation manual of the product.

