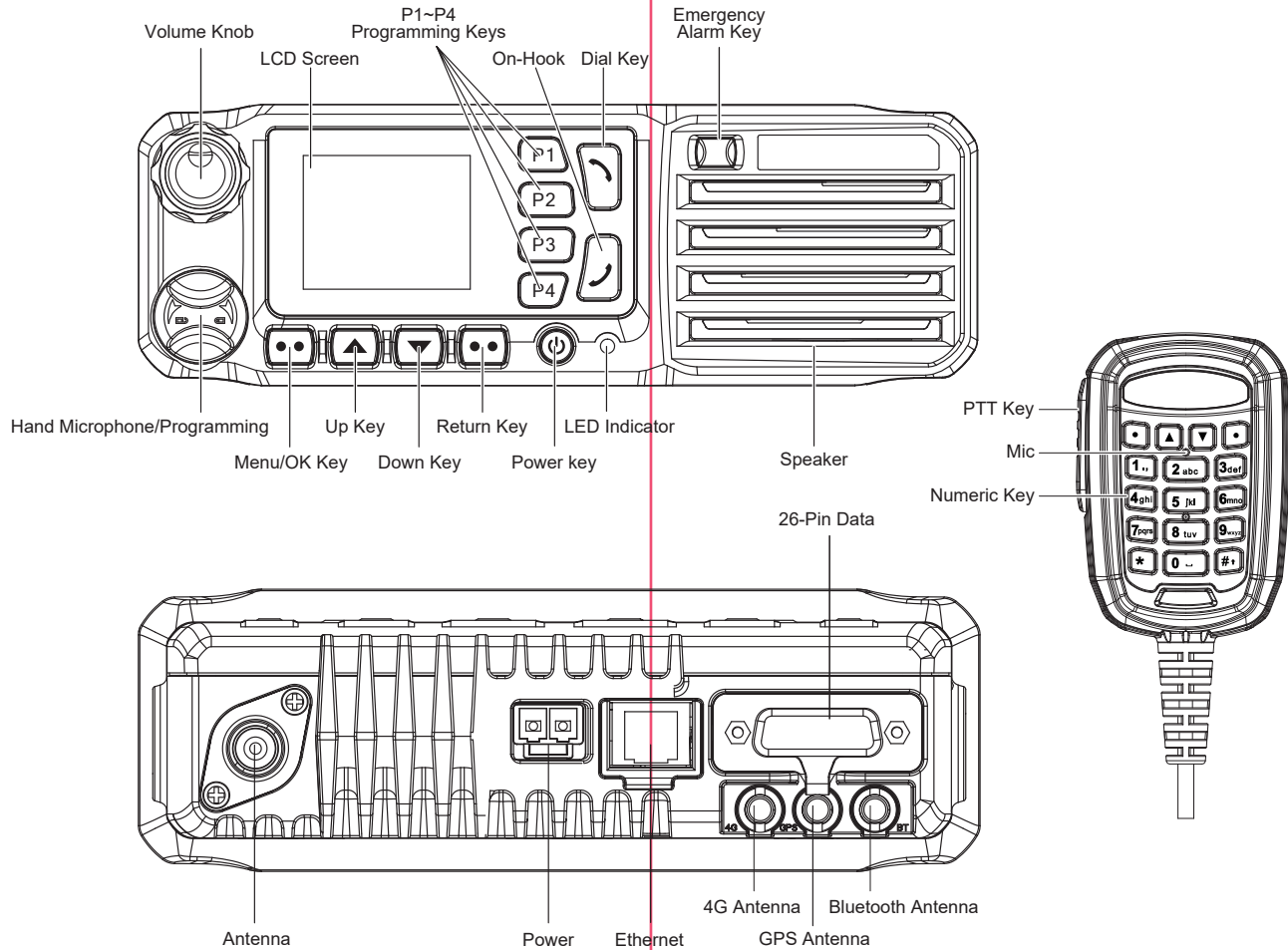




TM840 PTTtoC-DMR Gateway Quick Installation Guide

Please read carefully the Safety Information and Warranty Card before using the product

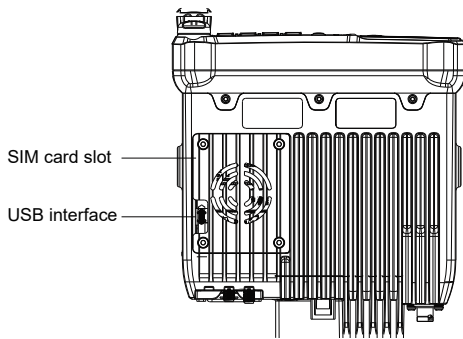
Introduction to equipment



No.	Programmable function	Purpose
1	No function	With the key pressed, the gateway does not work, and an unwanted key tone is heard
2	Power level adjustment	Quickly adjust the transmitting power level
3	Monitor	When a signal is present in the analog channel, pressing the key will switch to the carrier noise mode, and that is, the signaling function is canceled. There will be sound output when the carrier matches, and pressing the key again will return to the initial state
4	Squelch switch	Turn on/off the squelch function to listen to the weak signals on the analog channel
5	Squelch level	Adjust the signal strength required for receiving signals
6	Scan	Listen to the communication activities on other channels. Press this button to turn on/off the scan function
7	LCD brightness	Open the "LCD Brightness" interface for adjusting the LCD brightness with the Up and Down keys in this interface
8	LCD backlight type	Open the "LCD Backlight" interface for adjusting the backlight off time
9	Talk Around/Rpt	Select the talk around/rpt mode in the channel that allows repeater
10	Zone selection	Change the current call zone
11	Standby interface	Directly switch the display back to the standby interface
12	Stray deleting	An unwanted channel will be selected when scanning. We call it the stray channel, and clear it from the scan list, so that it will not be scanned again
13	Scrambling/Encryption	Enable/disable encryption function in the channel supporting scrambling/encryption
14	Contact	Open the "Contact" interface
15	Messages	Open the "Messages" interface
16	Call logs	Open the "Call Logs" interface
17	Channel monitoring	Turn on/off the channel monitoring function. This function will quit when PTT is pressed
18	Permanent channel monitoring	Turn on/off the permanent channel monitoring function. This function will not quit when PTT is pressed
19	Transmission interruption	With the programmable key pressed, the call of the selected channel will be interrupted, and the channel will be switched to idle status

Install a SIM card

Before installation,remove the cover by unscrewing screws using a Phillip-head screwdriver.After installing the card,put the cover back.



Status indication

1.Indication by icons on LCD

Icon name	Illustration	Gateway status
Private network signal strength indication		No signal The more signal bars, the stronger the signal
Message reminder		Some messages unread in the inbox Inbox full, when the Messages icon is flashing Status message
Encryption or scrambling		Analog scrambling or digital encryption function enabled Cluster mode encryption function enabled
Mute		Muted when the volume is set to 0
Transmitting power indication		High-power transmission Low-power transmission
Channel monitoring		Channel under monitoring
Talk Around		If the Talk Around mode is selected under there peater channel, the selected channel will be in Direct Mode and the icon will also be displayed
Emergency alarm		Emergency alarm mode active
Roaming icon		Roaming status in the Cluster mode
Scan		Rotating icon, meaning that the scanning is in progress Scan staying in priority channel 1 or priority channel 2 Scan staying in regular channel
Accessory connection		External MIG/SPK connected USB connected
Lone Worker		Lone Worker ON
Call		A call initiated or received
Channel type		Single call in progress G_call in progress A_call in progress

2.Indication by status indicator

Indicator status	Gateway working status
Always on in red	Private network in transmitting status and public network in receiving status
Always on in green	Private network in receiving status and public network in transmitting status
Always on in yellow	Call hold status
No indication	Idle or OFF

Basic operations

1.On/Off

With equipment OFF, press and hold the [Power] button to turn on the gateway power supply. Then, the LCD screen displays the boot screen, and the backlight goes on automatically.
With equipment ON, press and hold the [Power] button until the shutdownprompt screen appears, and turn off the gateway power supply.

Function settings of private unit

1.Zone/cluster selection

In the Normal mode, a zone is a collection of multiple channels, enabling you to quickly switch to different channels in different work situations.The gateway has up to 248 zones, and each zone can hold up to 128 channels.
In the main interface, press the [Menu/Confirm] key to enter the menu, select the menu item " Zone" and switch to the desired zone.
In the Cluster mode, a cluster is a collection of multiple groups, enabling you to quickly switch to different groups in different work situations.
The gateway has up to 32 groups, and each group can hold up to 512 members.
In the main interface, press [Cluster] to enter the menu, select the cluster, and click Confirm to switch to the desired cluster.

2.Channel and group switch

In the Normal mode, press the [Up] key /[Down] key in the standby interface to switch between channels in the zone.
Each channel of the gateway can be configured as an analog channel or a digital channel. When a channel is switched from digital mode to analog mode, some functions are no longer available.
In the Cluster mode, press the [Up] key /[Down] key in the standby interface to switch between selected groups in the cluster.

3.Volume adjustment

Turn the [Volume control knob] clockwise/counterclockwise to i ncrease/decrease the volume.
The volume of the public unit and the private unit needs to be set by the frequency writing software.

NOTE:

In order to receive G_calls from other users, the gateway must be set as a member of the group (by the dealer using the frequency writing software).

Function settings of public unit

The public unit is built into the gateway, and the basic configuration can be modified by installing the "coding tool" on the Android phone and connecting it to the Bluetooth interface.

1.Bluetooth On/Off

The gateway public unit is built in with a Bluetooth module, which is onby default after power-on.

2.Bluetooth device pairing

First, install the Kirisun "coding tool" on an Android phone.
Search for the gateway "GWP-XXXX" through the Bluetooth of mobile phone for pairing (XXXX is the last 4 digits of IMEI).
After the pairing is successful, open the "coding tool", select the connected device and open the configuration interface to perform the following settings on the gateway public unit.

3.WLAN settings

Select WLAN;
Turn on WLAN;
Select available WiFi;
Enter the password and connect;
When a WiFi is available, priority is given to connect to the WiFi.

4.Bluetooth settings

Select Bluetooth;
Click the device name to modify the Bluetooth name;
Select another Bluetooth device to connect this selected Bluetooth device and disconnect the currently connected device.

5.Max call-up time settings

Click Max Call-up Time to set the max call-up time;
The options available for setting include 30 s/45 s/1 min/2 min/unlimited.

6.Key settings

This function is not available on this equipment and does not require settings.

Group settings

1.Public network group settings

Switch freely between waiting groups or channels of public and private networks via the menu.

2.Private network call settings

With the help of Kirisun frequency writing software (connect the frequency writing cable), set the gateway private unit at the same frequency point or group as the private device to be communicated.

Call

After the above settings, the communication between the private and the public intercom devices can be realized. You can freely switch between the waiting groups and channels of the public and private networks on the intelligent gateway interface.

Version: 1.0



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