



QUICK REFERENCE GUIDE

Two-way Radio

S1 LF

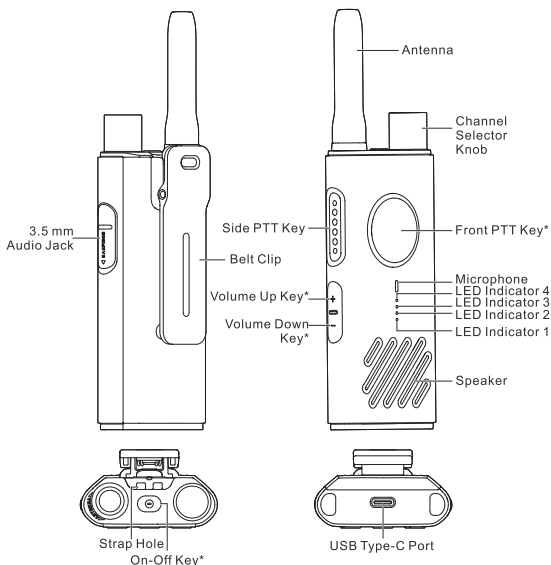
MODEL: HYT-S31 LF



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Product Layout



NOTE

- You can assign other features to programmable keys (indicated by *) through the Hytera Radio app.
- Figures in this guide are only for reference.

Before Use

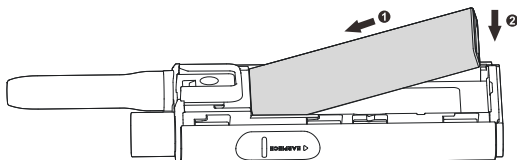
Attach the Battery



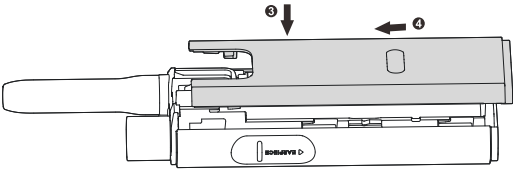
CAUTION

- Use the approved battery to avoid the risk of explosion.
- Dispose of the used battery according to "Precautions for Disposal" in the *Safety Information Booklet*.

1. Press the battery cover backwards to remove the cover.
2. Align the battery contacts with the tabs in the battery compartment, and then press the bottom of the battery downwards.

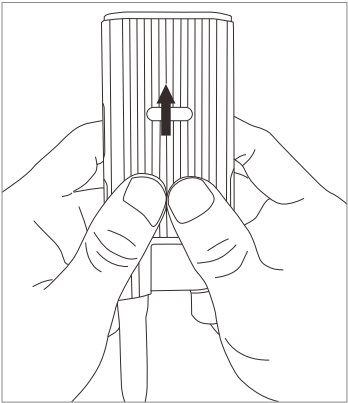


3. Place the hooks of battery cover to the slots, and then push the battery cover upwards until you hear a click.



Remove the Battery

1. Turn off the radio.
2. Push the battery cover downwards to remove the cover.
3. Remove the battery.



Charge the Battery

⚠ CAUTION

- Use the adapter approved only by the Company.
- 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).
- Charge the radio before initial use.

Use the USB Type-C cable to connect the radio with battery attached to the power adapter, power bank, or PC.

You can learn about the charging status through the LED indicators.

LED Indicator	Charging Status
Four LED indicators glow red	The battery is being charged.
Four LED indicators flash red rapidly	The battery fails to be charged.
Four LED indicators glow green	The battery is fully charged.

Basic Operations

Turn On or Off the Radio

Long press the **On-Off** key.

Adjust the Volume

Press the **Volume Up** key to increase the volume, or **Volume Down** key to decrease the volume.

Switch the Channel List

Press the preprogrammed **Channel List Switch** key.



NOTE

You can add, modify, or delete the channel through the Hytera Radio app.

Make a Call

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

- Rotate the **Channel Selector** knob to select a channel, and then press and hold the **Side PTT** key.
- If you assigned a channel to the **Front PTT** key, press and hold the **Front PTT** key to initiate a call on the assigned channel.



NOTE

If no channel is assigned to the **Front PTT** key, the **Front PTT** key works in the same way as the **Side PTT** key.

Check the Battery Power

Press the preprogrammed **CH and Battery Voice Notification** key. You can learn about the remaining battery power through the LED indicators and Text To Speech (TTS).

LED Indicator	TTS	Battery Level
Four LED indicators glow green	High battery power	High
• LED indicators 1, 2, and 3 glow green • LED indicators 1 and 2 glow green	Medium battery power	Medium
LED indicator 1 glows green	Low battery power	Low

LED Indicators

You can learn about the radio status through the LED indicators.

LED Indicator		Radio Status
Four LED indicators	Flash green once every 0.2s for three times	The radio is being turned on.
	Flash red once every 0.2s	• The radio is being programmed. • The radio is being written clone data.
LED indicator 1 to indicator 4 in turn	Flashes red	• The radio is transmitting. • The radio is ready to send clone data.
LED indicator 4 to indicator 1 in turn	Flashes green	• The radio is receiving. • The radio is ready to receive clone data.
LED indicator 4	Flashes orange once every 3s	• The radio is scanning. • The radio fails to clone from other radios.
	Flashes orange once every 0.2s for 5s	The radio receives connection request from the Hytera Radio app.
	Flashes red once every 0.2s for 5s	The radio is being searched by the Hytera Radio app.
LED indicator 1	Flashes red once every 0.5s for 1 min	The battery power is low.

Hytera Radio Download

You can program the radio through the Hytera Radio app.

To download and install the Hytera Radio app on your Android phone, scan the QR code.



For details, please visit our website at: <https://www.hytera.com/en/download-center.html> to view or download the relevant documents.