XIAOMI

1. Safety Instructions

The actual product features may not completely match the content of the manual due to technical upgrades and firmware updates. To obtain the latest feature introductions and safety usage guidelines, please download the Xiaomi walkie-talkie APP and refer to the built-in electronic manual.

❗ Warning ❗

Because this walkie-talkie transmission may affect electronic or medical devices, do not use this walkie-talkie in the following scenarios:

• Hospitals, around people with pacemakers, and near other medical devices.
• Gas stations and other explosive places (environments with flammable gas, dust, metal powder, and granular powder).
• On airplanes and near other easily disturbed electronic devices.
• Any other places where there are restrictions or warnings about radio equipment.

Due to the potential to cause device failures or even personal harm, do not perform the following prohibited operations on this walkie-talkie:

• Do not apply voltages beyond the specified range to the walkie-talkie's power supply.
• Do not disassemble or modify this walkie-talkie.
• Do not immerse this walkie-talkie in water.
• Do not hit or throw this walkie-talkie.

If the walkie-talkie has the following anomalies, stop charging or using it immediately, turn off the walkie-talkie's power, and contact the after-sales service department:

• If the host or charger smokes or emits an unusual smell during charging, immediately turn off the walkie-talkie and unplug the power plug to prevent heating, burning, fire, or even explosion.
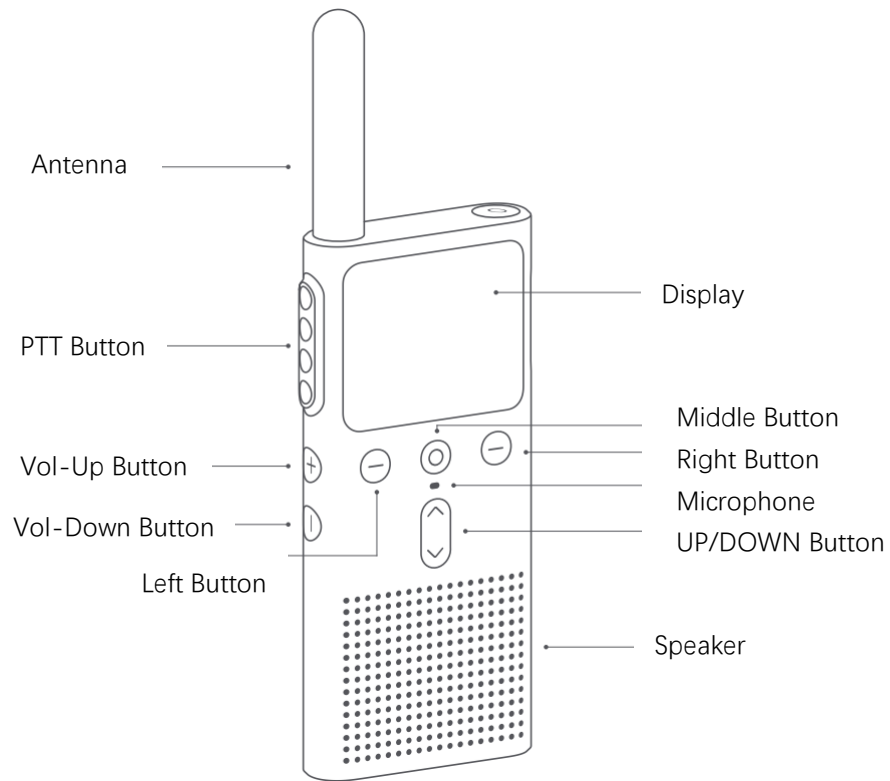
Other precautions:
• Do not place this walkie-talkie where it is directly exposed to sunlight or near a heater.
• Do not operate this walkie-talkie near a TV or radio (which may cause radio interference).
• Do not use this walkie-talkie in crowded places to avoid affecting others or damaging the antenna.
• To avoid hearing damage, do not use high volume for a long time.

Battery:
• Only use batteries approved by the manufacturer. Replacing with the wrong type of battery may make the safety protection ineffective, posing dangers such as explosions and fires.
• Do not place the battery in extremely high temperature environments, such as sunlight, fire, microwave ovens, ovens, etc., as it may cause explosions or leakage of flammable liquids or gases.
• Do not disassemble, hit, squeeze or cut the battery, or it may cause an explosion.
• Do not place the battery in a very low-pressure environment, as it may cause the battery to explode or leak flammable liquids and gases.
• If the battery is severely swollen, do not continue to use it.
• Do not swallow the battery, as it may pose a risk of chemical burns.
• If you believe a battery may have been ingested or placed in any part of the body, seek medical help immediately.
• If the battery compartment is not securely closed, stop using the product and keep it away from children.
• Keep children away from new and used batteries.
• Do not throw the battery into domestic waste for disposal, please comply with national regulations for safely disposing of used batteries.
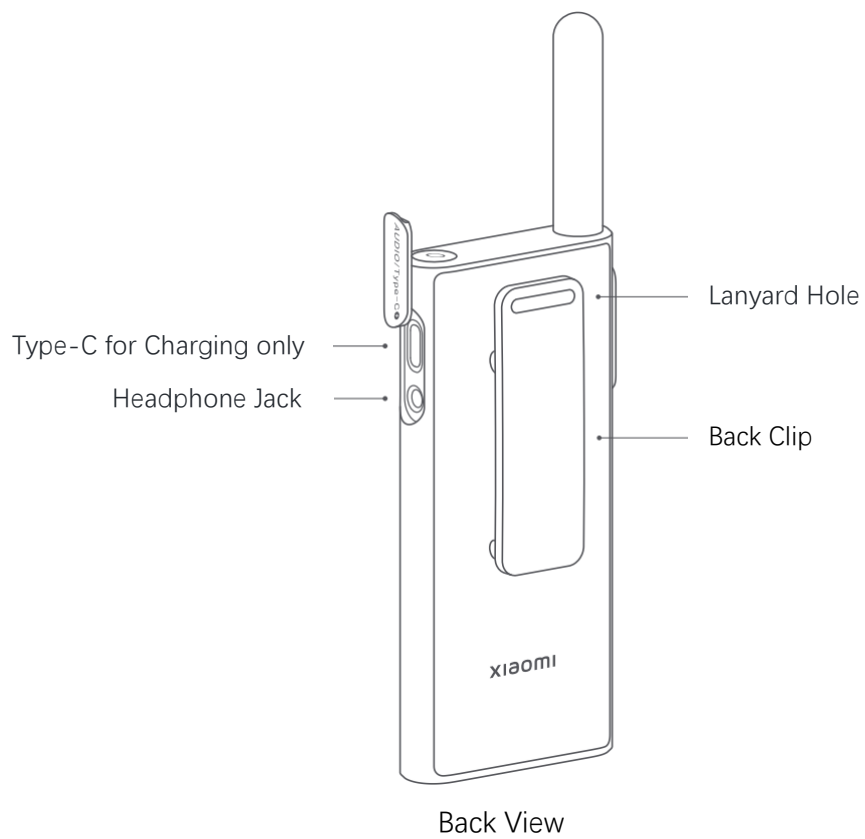
2. Product Introduction

Antenna

Display

PTT Button

Middle Button

Right Button

Vol-Up Button

Microphone

Vol-Down Button

UP/DOWN Button
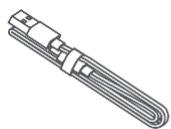
Left Button

Speaker

Front View

Power Button

Top View

Note:
• The antenna cannot be detached. Do not forcibly pull it to prevent device damage.
• The back clip is fixed on the body and cannot be removed.

Type-C for Charging only

Headphone Jack

Lanyard Hole

Back Clip

Back View

Random Parts List

Charging Cable

User Manual

3. Usage Method

Turning On and Off

Long press the power button for 3 seconds, the display shows the boot interface, the walkie-talkie turns on. In standby mode, long press the power button, select shutdown or restart in the pop-up interface.
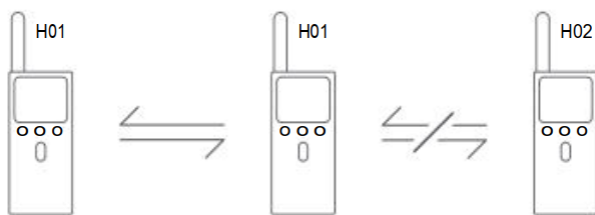
Channel Setting

After turning on, you can switch the current channel on the main interface using the up and down keys, or you can short press the right key to enter the channel interface and select the channel you need to use according to the interface prompts.

> **Note**
> • The preset long-distance channels correspond one-to-one with other Xiaomi brand walkie-talkies. You can talk to each other under the same channel.
> • To use long-distance channels and custom channels, you need to comply with the "Radio Regulation of the People's Republic of China" and pass the amateur radio operation certificate from the corresponding radio management agency, and handle related procedures before you can use it normally.

Talking

After turning on, set the walkie-talkie to the same channel, and you can start talking.

Bring the walkie-talkie about 3-5cm in front of you, press and hold the talk button while starting to speak, you can send voice messages in real time.

Connecting Headphones

1. **Wired Headphones**
   The walkie-talkie is compatible with mainstream 3.5mm jack headphones on the market, but you still need to press the talk button on the device to send voice while calling.
   Note: When talking, please speak towards the microphone of the headphone.
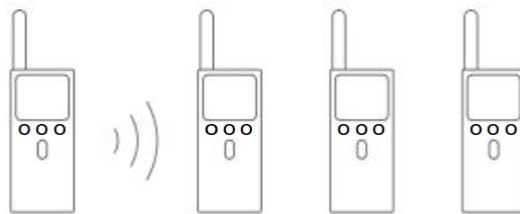2. **Bluetooth™ Headphones**
   On the walkie-talkie, select Menu > Connect Bluetooth Device > Bluetooth (On) > Device Connection, and connect the Bluetooth headphones as prompted.
   Note:
   • After connecting the Bluetooth headphones, you need to press the talk button on the walkie-talkie to transmit.
   • When talking, please speak towards the microphone of the headphone.
   • The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by [Xiaomi Inc.] is under license. Other trademarks and trade names are those of their respective owners.

Bulk Configuration

Using one Xiaomi Walkie-talkie 2S to initiate the configuration, and the rest of the Xiaomi Walkie-talkie 2S to receive the configuration, you can quickly synchronize the channel information of multiple walkie-talkies.

Initiate Configuration

- First, hold the volume up button,
- Then hold the talk button for 3 seconds,
- Until you enter the configuration initiation interface.

Receive Configuration

- First, hold the volume down button,
- Then hold the talk button for 3 seconds,
- Until you enter the configuration reception interface.

Note: Please do not use multiple walkie-talkies to initiate the configuration simultaneously during a single bulk configuration process to avoid confusion.

Charging

The walkie-talkie needs to be charged with a Type-C charging cable. After the walkie-talkie starts charging, the battery icon in the status bar changes to the charging state (the charging state is displayed on the display screen when charging is off).

Note: Please use a 5V power adapter certified by CCC for charging. It is recommended that the current output capability of the power adapter is 2A or above, otherwise the charging time will be extended. The adapter needs to be purchased separately.

Walkie-talkie Locking

In standby mode, the walkie-talkie automatically locks after a period of inactivity; you can also short press the power button to manually lock. In the locked state, short press the power button to unlock.

Note: In the locked state, the side buttons of the walkie-talkie can still be used normally; pressing the front button has no effect.

Connecting to Mi Home APP

This product is integrated with Mi Home and can be controlled through the Mi Home APP.

Scan the QR code, download and install the Mi Home APP, users who have installed the Mi Home APP will directly enter the device connection page. Or search for "Mi Home" in the app store, download and install the Mi Home APP.

Open the Mi Home APP homepage, click "+" in the upper right corner of the page, and add the device according to the prompts in the APP.

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Xiaomi Walkie-talkie APP

Due to the upgrades and updates of the Mi Home APP, the actual operation may slightly differ from the above description, please operate according to the guide within the current Mi Home APP.

For more features such as location sharing, please download and install the Xiaomi Walkie-talkie APP.

Compass Map

After connecting to the Xiaomi Walkie-talkie APP, the Xiaomi Walkie-talkie 2S can use the compass map feature.

Using the compass map feature, within the effective communication range, you can share location information with Xiaomi Walkie-talkie 2S using the same frequency.

More Functions

Function	Description
FM Radio	Search and listen to FM broadcasts.
VOX	Once activated, you can converse without holding down the talk button.
Channel Scan	Search for occupied channels within a certain frequency range.
Dual Frequency Mode	The walkie-talkie can quickly switch between two different frequency points. When there is a signal on one of the channels, the walkie-talkie will play this signal until it ends.

Note: Detailed function introductions can be found in the "FAQ" section of the Xiaomi Walkie-talkie APP.

CTCSS/DCS (detailed list can be seen in the Mi Home APP and Xiaomi Walkie-talkie APP)
A total of 258 groups, including 50 groups of CTCSS and 104x2 groups (N phase and I phase) DCS.

Pre-set channel list
This walkie-talkie pre-sets 20 long-distance channels. The factory frequencies corresponding to each channel are as shown in the following table.

Channel H01~H20:

H01	430.1375	H11	435.1375
H02	430.4375	H12	435.4375
H03	431.1375	H13	436.1375
H04	431.4375	H14	436.4375
H05	432.1375	H15	437.1375
H06	432.4375	H16	437.4375
H07	433.1375	H17	438.1375
H08	433.4375	H18	438.4375
H09	434.1375	H19	439.1375
H10	434.4375	H20	439.4375

4. Specifications

Product model: XMDJJ04FY

Product dimensions: 170 x 55 x 22.7mm (Including antenna length of 50mm, back clip thickness 7.7mm)

Battery type: Lithium-ion polymer battery

Battery capacity: 2190mAh (8.3Wh)

Wireless connection: Dual-mode Bluetooth 5.0

Segment: Amateur U segment

Frequency range: 430.000MHz-440.000MHz

Modulation mode: 16K0F3E/8K50F3E

Product net weight: 139.5g

Working temperature: -20°C~45°C

Charging temperature: 0°C~45°C

Interface type: Type-C

Rated input: 5V=2A

Battery nominal voltage: 3.8V

Transmitting power: 4W

Screen size: 1.77 inches

Resolution: 128 x 160

Headphone jack: 3.5mm port

Receiving sensitivity: -122dBm (12dB SINAD)

Protection level: IP54

Implementation standard: Q/XAFY0001-2020