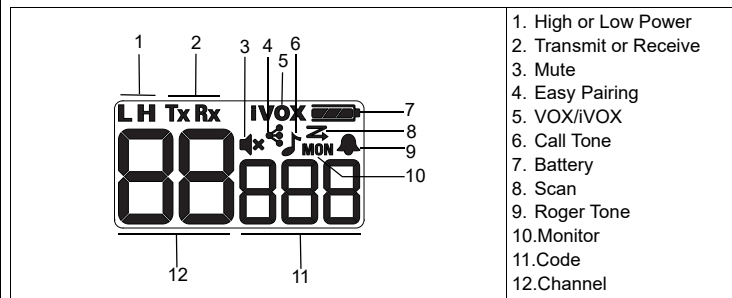
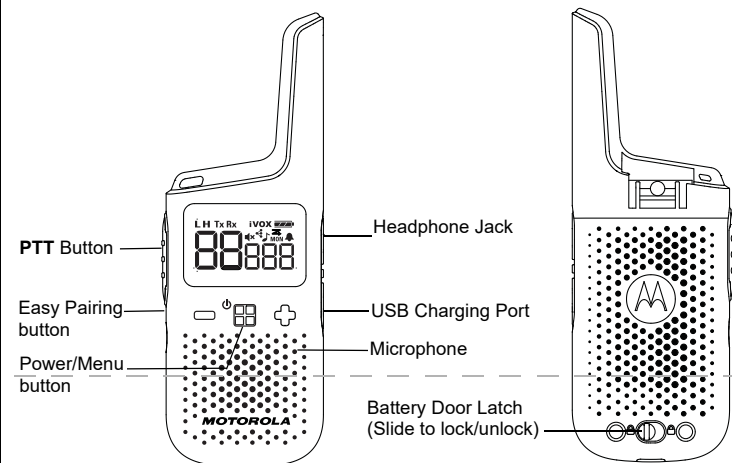


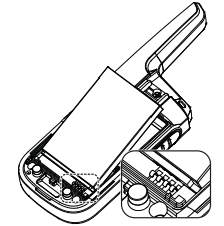
## 1. Getting to Know Your Radio



Buttons	Descriptions
Menu/Power	<ul style="list-style-type: none"> <li>Press to enter Menu and scroll through the menu screen.</li> <li>Press and hold for two seconds to turn on or off the radio.</li> </ul>
+ and -	<ul style="list-style-type: none"> <li>Press to adjust the volume level.</li> <li>Press to change the settings or trigger action in the menu screen.</li> </ul>
PTT	<ul style="list-style-type: none"> <li>Press and hold to talk, release to stop transmission.</li> <li>Press to exit menu screen and return to home screen.</li> </ul>
EZ-Pairing	Copy channel and code settings from radio A to radio B. 1. Radio B—Hold the button until you hear a beep. The radio is ready to be paired. Multiple radios can be paired simultaneously. 2. Radio A—Hold the button until you hear a double beep. The radio broadcasts channel and code settings for other radios to pair.

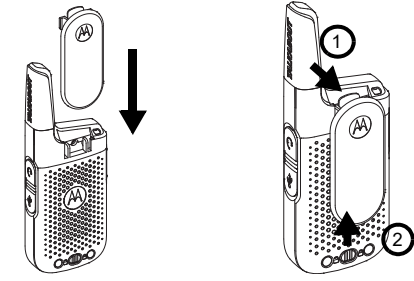
## 2. Setting up Your Radio

### Installing and Charging the Battery



1. Observe the polarity before installing the battery.
  2. Charge the battery using the desktop charger or USB. Charging is completed when the battery icon on the radio stops blinking. Charging takes up to 8 hours.
- Note: Connect the USB charger to a nearby and easily accessible wall power outlet.

### Inserting and Removing Belt Clip



### Turning your Radio On and Off

To turn the radio on or off, hold the Power/Menu button until the display turns on or off.

### Channel and Codes

- Set your radios with the same channel and code setting to enable communication with other radios.
- The H/L (High/Low) icon is part of the Channel Number. Ensure all radios in your group show the same H/L icon.
- The channel setting controls the radio frequency. To avoid jamming, select a channel that is not used by others in your area. See table in Section 3, "Scan" for more information on selecting unused channel.
- The code setting on the transmitting and receiving radios need to match, otherwise the receiving radio blocks the received signal. This feature helps you to mute unwanted voices from other radio users transmitting on your channel.
- When code is set to zero, radio does not block any signal and everything that is picked up on the channel is sent to the speaker. Motorola Solutions recommends setting your code to zero when using T37 with radios that do not support the code feature. See Section 3, "Navigating the Menu Pages" for detailed instructions on how to change settings.
- Channel and code settings can be copied from one radio to multiple radios simultaneously with a shortcut feature called Easy-Pairing. See table in Section 1, "EZ-Pairing" for instruction on how to copy channel and code settings.

### Transmission Power

- In some countries different powers are allowed for different channels. The H/L icon indicates if the current channel is a High or Low power channel. Motorola Solutions recommends you to use high power channels for more reliable communications.

### Scan

Radio scans for voice activity by cycling through the channels. When signals are detected, the signal is sent to the speaker. This feature allows you to find which channel is being used by other groups and have heavy traffic. This helps you to avoid the busy channels when deciding which channel to use for your group.

### Monitor

You can hear everything including noise on your current radio channel. This feature allows you to monitor a channel for weak signals.

### Weatherproof

This radio is weatherproof to IP54 standards. The radio is resistant to occasional splash of water only when the battery and connector covers are sealed. Do not expose the radio to water for extended period of time. Do not submerge the radio in water.

### Battery Information

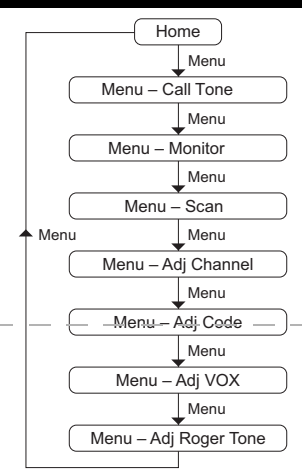
The rated battery life is measured under industrial standard 5-5-90 duty cycle under lab conditions. (5% of the time transmitting, 5% receiving with speaker on, 90% waiting for incoming call.)

### Battery Capacity Maintenance

The T37 radio comes equipped with a rechargeable Li-Ion battery. This battery should be fully charged before initial use to ensure optimum capacity and performance. Battery life is determined by several factors. Among the more critical are the regular overcharge of batteries and the average depth of discharge with each cycle. Typically, the greater the overcharge and the deeper the average discharge, the fewer cycles a battery will last. For example, a battery which is overcharged and discharged 100% several times a day, lasts fewer cycles than a battery that receives less of an overcharge and is discharged to 50% per day. Further, a battery which receives minimal overcharging and averages only 25% discharge, lasts even longer. Turn off the radio while charging.

- Select low power channels only when your radios are not far from each other and you want to maximize the battery life.

## 3. Navigating the Menu Pages



Use the Menu button to scroll through the menu screen. Press PTT to exit any screen and return to home screen.

Menu Screen	Use the + or - button to perform the following actions:
Call Tone	Start or stop Call Tone transmission.
Monitor MON	Start or stop monitoring the air-wave. You can hear signals transmitted on the channel setting of your radio. If there is no signal, you can hear static. Press + or - button to monitor and release to stop. After a few seconds of monitoring, you hear a beep sound. After the beep sound, radio continues to monitor even if you release the button. To stop monitoring, press + or - again.
Scan Z	Start or stop scanning the air-wave. Radio scans all the channels one after another. When a signal is detected, you hear the signal on the speaker and the radio displays the channel of the detected signal.
Adjust VOX VOX/iVOX	To change the Voice Operated Transmission (VOX) setting, select OFF or L1 to L3. L3 being the most sensitive, use it in quiet environments.
Adjust Roger Tone	Enable or disable the roger tone. Roger tone is a beep tone that you hear when PTT is released.
Adjust Channel (Channel number blinks)	Change the radio channel setting.

### Push-to-Talk Time-out Timer

To avoid air-wave traffic congestion, transmission ends after one minute even if the PTT button is still pressed. To reset the timer, release the PTT button briefly.

### Channel and Frequencies

Channel	Frequency (MHz)	Power (W)	Channel	Frequency (MHz)	Power (W)
L01	409.75000	0.5	H01	430.1375	1.0
L02	409.76250	0.5	H02	430.4375	1.0
L03	409.77500	0.5	H03	431.1375	1.0
L04	409.78750	0.5	H04	431.4375	1.0
L05	409.80000	0.5	H05	432.1375	1.0
L06	409.81250	0.5	H06	432.4375	1.0
L07	409.82500	0.5	H07	433.1375	1.0
L08	409.83750	0.5	H08	433.4375	1.0
L09	409.85000	0.5	H09	434.1375	1.0
L10	409.86250	0.5	H10	434.4375	1.0
L11	409.87500	0.5	H11	435.13750	1.0
L12	409.88750	0.5	H12	435.43750	1.0
L13	409.90000	0.5	H13	436.13750	1.0
L14	409.91250	0.5	H14	436.43750	1.0
L15	409.92500	0.5	H15	437.13750	1.0
L16	409.93750	0.5	H16	437.43750	1.0
L17	409.95000	0.5	H17	438.13750	1.0
L18	409.96250	0.5	H18	438.43750	1.0
L19	409.97500	0.5	H19	439.13750	1.0
L20	409.98750	0.5	H20	439.43750	1.0

## 4. Using Your Radio

### Talking/Transmitting

1. Press and hold the PTT button, then start talking into the microphone.
2. Release the PTT button to stop transmission.

Note: Do not press the PTT button when others are talking. When more than one radio transmits on the same channel, the air-wave is jammed and all transmissions are lost.

### Listening/Receiving

- The radio speaker receives signal automatically if radio is set to the same channel and code as the transmitting radio.
- Ensure the speaker volume is set to an appropriate level.

### Adjusting Speaker Volume

1. Press + or - from the home screen.

### Using Headsets

- When a headset is connected to the radio, radio speaker is disabled. You need to wear headset to monitor and receive messages.
- If your headset has PTT button, you can use the button to make a transmission with the microphone on the headset.
- You can still use the PTT button on the radio to make a transmission with the microphone on the radio.

### CMM

Part Name	Hazardous Substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr+6)	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Housing	0	0	0	0	0	0
Display PCBA	0	0	0	0	0	0
PCBA	X	0	0	0	0	0
Cable	0	0	0	0	0	0
Battery	X	0	0	0	0	0
PSU	X	0	0	0	0	0
Charger Tray	X	0	0	0	0	0

This table is prepared according to SJ/T 11364.

O: Indicates that the content of such hazardous substance in all homogeneous materials of such component is within the limits specified in GB/T 26572.

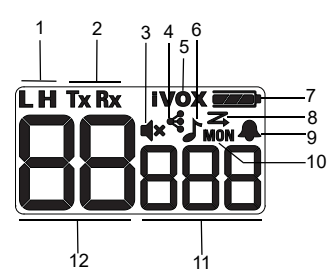
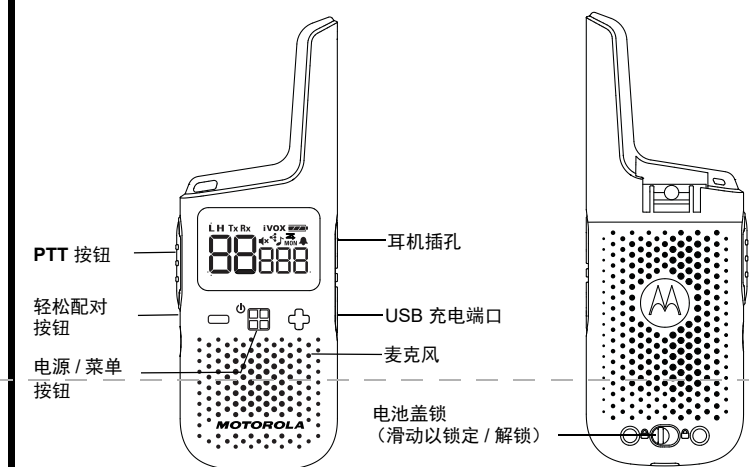
X: Indicates that the content of such hazardous substance in at least one homogeneous material of such component exceeds the limits specified in GB/T 26572.

### CMII

无线电发射设备型号核准代码会在设备标签上注明



## 1. 了解您的对讲机

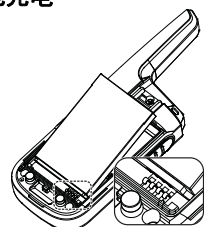


1. 高或低功率
2. 发射或接收
3. 静音
4. 轻松配对
5. VOX/iVOX
6. 呼叫提示音
7. 电池
8. 扫描
9. Roger 提示音
10. 监听
11. 代码
12. 信道

按钮	说明
菜单/电源	<ul style="list-style-type: none"> <li>按下可进入菜单并滚动浏览菜单屏幕。</li> <li>按住两秒可打开或关闭对讲机。</li> </ul>
⊕ 和 ⊖	<ul style="list-style-type: none"> <li>按下可调节音量。</li> <li>按下可更改菜单屏幕中的设置或触发操作。</li> </ul>
PTT	<ul style="list-style-type: none"> <li>按住说话，松开停止传输。</li> <li>按下可退出菜单屏幕并返回主屏幕。</li> </ul>
轻松配对	<p>将信道和代码设置从对讲机 A 复制到对讲机 B。</p> <ol style="list-style-type: none"> <li>1. 对讲机 B - 按住按钮，直至听到一声蜂鸣声。对讲机准备就绪，可以开始配对。可以同时配对多台对讲机。</li> <li>2. 对讲机 A - 按住按钮，直至听到一声双音蜂鸣声。对讲机向要配对的其他对讲机广播信道和代码设置。</li> </ol>

## 2. 设置对讲机

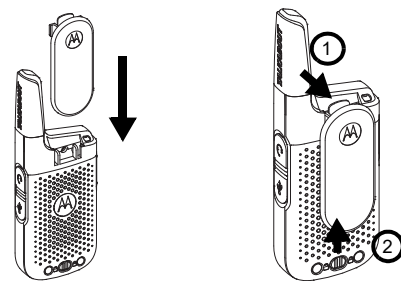
## 安装电池和为电池充电



1. 安装电池前，请观察极性。
2. 使用桌面充电器或 USB 为电池充电。当对讲机上的电池图标停止闪烁时，即表示充电完成。充电时间最长 8 小时。

注意：请将 USB 充电器连接到附近插拔方便的电源插座上。

## 插入和取出皮带夹



## 打开和关闭对讲机

要打开或关闭对讲机，请按电源/菜单按钮，直至显示屏打开或关闭。

## 信道和代码

- 使用相同的信道和代码设置对讲机，以便与其他对讲机通信。
- H/L (高/低) 图标是信道编号的一部分。确保您在组的所有对讲机显示相同的 H/L 图标。
- 信道设置控制对讲机频率。为避免干扰，请选择您在区域中其他人未使用的信道。请参见第 3 节的“扫描”中的表格，了解有关如何选择未使用信道的详细信息。
- 发射对讲机和接收对讲机上的代码设置需要匹配，否则接收对讲机会阻止接收到的信号。此功能有助于将其他对讲机用户在您所在信道上传输的不需要的语音静音。
- 当代码设置为零时，对讲机不会阻止任何信号，信道上接收到的任何内容都会发送到扬声器。当 T37 与不支持代码功能的对讲机配合使用时，Motorola Solutions 建议将代码设置为零。有关如何更改设置的详细说明，请参见第 3 节“菜单页导航”。
- 使用名为“轻松配对”的快捷方式功能，可以将信道和代码设置从一台对讲机同时复制到多台对讲机。有关如何复制信道和代码设置的说明，请参见第 1 节“轻松配对”中的表格。

## 传输功率

- 在一些国家/地区，不同的信道可以使用不同的功率。H/L 图标指示当前信道是高功率信道还是低功率信道。Motorola Solutions 建议使用高功率信道进行更可靠的通信。对讲机相隔距离不远且希望最大限度延长电池寿命时，才选择低功率信道。

## 扫描

对讲机循环扫描各信道上有无语音活动。检测到信号后，该信号会发送到扬声器。此功能允许您找到其他组正在使用和流量很大的信道。在您决定为通话组使用哪个信道时，此功能有助于避开繁忙信道。

## 监听

您可以听到当前对讲机信道上的所有声音，包括噪音。此功能允许您监听信道上的微弱信号。

## 防水等级

这款对讲机的防水等级达到 IP54 标准。仅当电池盖和接口护盖密封时，对讲机才能抵御偶尔的溅水。请勿让对讲机长时间接触水。请勿将对讲机浸没在水中。

## 电池信息

额定电池寿命是在实验室条件下，按照工业标准 5-5-90 占空比测量得出。(5% 的时间发射，5% 的时间接收且扬声器打开，90% 的时间等待呼入呼叫。)

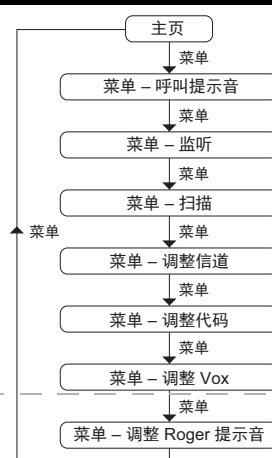
## 电池容量维护

T37 对讲机配有可充电锂电池。在初次使用之前，应将电池充满电以确保最佳容量和性能。电池寿命周期由多个因素决定。其中比较关键的因素有：电池的过度充电频率和每个周期内电池的平均放电程度。通常情况下，过度充电次数越多、平均放电程度越高，电池寿命周期就越短。例如，在一天内若干次过度充电且放电达到 100% 的电池，其寿命周期小于过度充电次数更少且放电为 50% 的电池。而很少过度充电且平均放电为 25% 的电池，其寿命周期更长。充电期间请关闭对讲机。

## 通话按键超时计时器

为避免电波流量拥塞，传输会在一分钟结束后，即使 PTT 按钮仍处于按住状态。要重置计时器，请短暂松开 PTT 按钮。

## 3. 菜单页导航



使用菜单按钮可滚动浏览菜单屏幕。按 PTT 可退出任何屏幕并返回主屏幕。

菜单屏幕	使用 ⊕ 或 ⊖ 按钮可执行以下操作：
呼叫提示音 🎵	开始或停止呼叫提示音传输。
监听 MON	开始或停止监听电波。您可以听到在对讲机信道设置上传输的信号。如果没有信号，则什么也听不到。 按 ⊕ 或 ⊖ 按钮进行监听，松开按钮停止监听。监听几秒钟后，您将听到一声蜂鸣声。蜂鸣声过后，即使您松开按钮，对讲机仍将继续监听。再次按 ⊕ 或 ⊖ 按钮可停止监听。
扫描 Z	开始或停止扫描电波。对讲机逐一扫描所有信道。检测到信号后，您会通过扬声器听到该信号，且对讲机会显示所检测到信号的信道。
调整 VOX VOX/iVOX	要更改声控传输 (VOX) 设置，请选择“关闭”或 L1 至 L3。 L3 最灵敏，请在安静环境中使用。
调整 Roger 提示音 🔔	启用或禁用 Roger 提示音。Roger 提示音是在松开 PTT 时您听到的蜂鸣声。
调整信道 (信道编号闪烁)	更改对讲机信道设置。
调整代码 (代码编号闪烁)	更改对讲机代码设置。

## 信道和频率

信道	频率 (MHz)	功率 (W)	信道	频率 (MHz)	功率 (W)
L01	409.75000	0.5	H01	430.1375	1.0
L02	409.76250	0.5	H02	430.4375	1.0
L03	409.77500	0.5	H03	431.1375	1.0
L04	409.78750	0.5	H04	431.4375	1.0
L05	409.80000	0.5	H05	432.1375	1.0
L06	409.81250	0.5	H06	432.4375	1.0
L07	409.82500	0.5	H07	433.1375	1.0
L08	409.83750	0.5	H08	433.4375	1.0
L09	409.85000	0.5	H09	434.1375	1.0
L10	409.86250	0.5	H10	434.4375	1.0
L11	409.87500	0.5	H11	435.13750	1.0
L12	409.88750	0.5	H12	435.43750	1.0
L13	409.90000	0.5	H13	436.13750	1.0
L14	409.91250	0.5	H14	436.43750	1.0
L15	409.92500	0.5	H15	437.13750	1.0
L16	409.93750	0.5	H16	437.43750	1.0
L17	409.95000	0.5	H17	438.13750	1.0
L18	409.96250	0.5	H18	438.43750	1.0
L19	409.97500	0.5	H19	439.13750	1.0
L20	409.98750	0.5	H20	439.43750	1.0

## 4. 使用对讲机

## 说话/传输

1. 按住 PTT 按钮，然后对着麦克风开始说话。
2. 松开 PTT 按钮以停止传输。

注意：他人在说话时，请勿按下 PTT 按钮。当同一信道上有多台对讲机发射信号时，电波会受干扰，所有传输都会丢失。

## 监听/接收

- 如果对讲机设置为与发射对讲机相同的信道和代码，对讲机扬声器会自动接收信号。
- 请确保将扬声器音量设置为合适的级别。

## 调节扬声器音量

1. 在主屏幕上，按 ⊕ 或 ⊖。

## 使用耳机

- 当有耳机连接到对讲机时，对讲机扬声器会被禁用。您需要戴上耳机来监听和接收消息。
- 如果耳机上有 PTT 按钮，您可以使用该按钮通过耳机上的麦克风进行传输。
- 您仍可以使用对讲机上的 PTT 按钮，通过对讲机上的麦克风进行传输。

## CMM

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr <sup>+6</sup> )	多溴联苯 (PBB)	多溴联苯醚 (PBDE)
外壳	0	0	0	0	0	0
显示屏PCBA	0	0	0	0	0	0
PCBA	X	0	0	0	0	0
电缆	0	0	0	0	0	0
电池	X	0	0	0	0	0
PSU	X	0	0	0	0	0
充电器托盘	X	0	0	0	0	0

此表根据 SJ/T 11364 编制。

0: 表示此类组件的所有均质材料中的此类有害物质的含量在 GB/T 26572 规定的限制范围内。

X: 表示此类组件至少一种均质材料中的此类有害物质的含量超过 GB/T 26572 中规定的限制范围。

## CMIIT

无线电发射设备型号核准代码会在设备标签上注明



<https://learning.motorolasolutions.com>

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MN006032A01-AC