

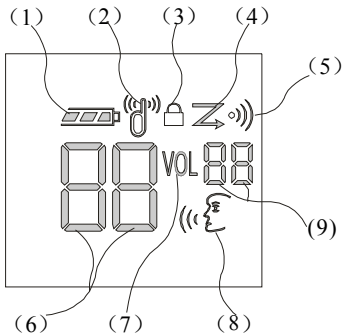
**EASYCOM** Walkie talkie

Operating instructions

ET-80

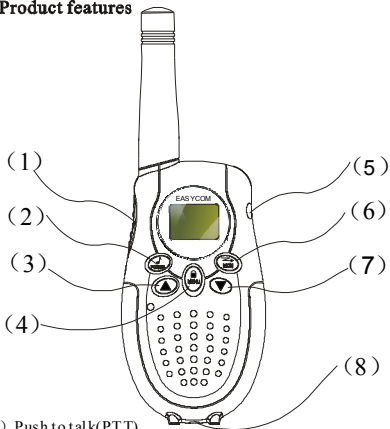
*PMR446*






## LCD assignment



- (1) Battery voltage indicator;
- (2) Transmitting and receiving indicator;
- (3) Lock key indicator;
- (4) Scan channel indicator;
- (5) Tx confirmation tone On/off indicator;
- (6) Channel No. , Volume No.;
- (7) Volume indicator;
- (8) VOX ON/OFF indicator;
- (9) CTCSS code Number.


## Product features




- (1) Push to talk(PTT).
- (2) —power and call key;
- (3) —increase key;
- (4) — menu key;
- (5) ear/mic jack.
- (6) —monitor/channel scan key;
- (7) —decrease key;
- (8) changer jack

## Turning the radio on and off




- a. Turn the radio on.

Press and hold the '' Key until turn on the radio and a beep tone released, the display briefly shows all feature icons on the LCD, then the display scroll through the available channel and Interference Eliminator Code




- b. Turn the radio off.

With the radio on, press and hold the '' Key until turn off the radio and a beep tone released, the display turn off also.

## Setting the channel

- a. With radio on, press '' key one time, the current channel flash.
- b. Press '' or '' to set the channel.
- c. Press 'PTT' to confirm the setting.


## Setting Interference Eliminator Code(CTCSS)



- a. Press '' two times until the CTCSS code starts to flash.
- b. Press '' or '' to select the code(CTCSS).
- c. Press 'PTT' to save the setting.

## Setting call tone

The radio can transmit 5 types call tone to other radio, so user can alert others that he want to talk.




To set a call tone

- a. With the radio on, press '' 3 times, the current call tone setting flash and 'CR' display.


- b. Press '' or '' to change and can heard the changed call tone.
- c. Press 'Menu' or 'PTT' to save the new call tone.


### Setting the sensitivity level of VOX

Adjusting the radio's VOX sensitivity level help minimize the possibility unintended noise trigger a transmission, and help the radio pick up soft voice.


- a. Press '' 4 times until VOX icon display.
- b. Press '' or '' to select sensitivity level.  
3=high(For quiet environment) 2=medium( For most environment)  
1= low(For noise environment) 0=OFF

### Lock the keypad.

To avoid accidentally change user's setting, press and hold '' key until Lock-key icon display on LCD, the time, user can turn the radio on or off, receive, transmit, send a call tone, and monitor the channel, all other function are locked.


To unlock the radio, press and hold '' key until Lock-key icon is no longer displayed.

### Monitor a channel.


With the radio on, press and hold the '' key, then the radio can monitor current channel, release the key stop to monitor.

### Scanning Channels

Use scanning to monitor channels and CTCSS codes for transmission or to find someone who has accidentally changed channels.

To start scanning, briefly press and release '' , the scan indicator icon

display. when radio detects a channel activity, it stops scanning and User can hear the transmission ,to respond to the transmission, press 'PTT' within 5 seconds.

If want stop scanning, press ' 'key again or 'PTT'key.


### To transmitting a talk confirmation tone

The radio can transmit a unique tone when user finished transmission.

a.To turn talk confirmation tone on:

turn the radio on normaly,the confirmation tone is in 'on' mode in default,and confirmation tone icon display.


b.To turn talk confirmation tone off:

press and hold '

### Using audio Accessory

a.Turn the radio off; plug the accessory into the jack.


b.Turn the radio on, lower volume before placing the accessory in the head or in ear.

c.Press '

d.To transmitting, press 'PTT', and speak into the accessory microphone.

e.To receive, release 'PTT'.

### Adjusting the volume

As the radio is on standby mode,press '

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## BATTERY

Your radio can use 3 pieces AA 1.2V more than 650mAH Ni-CD or Ni-MH rechargeable battery

When battery voltage indicator show remaining one scale, the battery is empty, you should change the battery or need charge the battery.

**Warning:** If you use Alkaline battery, you will not charge the battery. You must move the battery of without power.

## Frequency:

<b>Channel</b>	<b>Frequency</b>
CH1	446.00625MHz
CH2	446.01875MHz
CH3	446.03125MHz
CH4	446.04375MHz
CH5	446.05625MHz
CH6	446.06875MHz
CH7	446.06875MHz
CH8	446.06875MHz

## Accessory

<b>Item</b>	<b>Accessory</b>
1	3*AA Ni-MH battery(optional)
2	Adaptor for charge (optional)
3	EAR-Microphone Accessory
4	Belt clip
5	User manual

To be safe:

- a. Never open your radio 's case.
- b. Never change or replace anything in your radio except the batteries.

Care and safety:

To clean the radio, use a soft cloth dampened with water. Do not use cleaners or solvents because they can harm the body of the unit and leak inside, causing permanent damage.

use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water.

If the unit gets wet, turn it off and remove the batteries immediately. Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the battery compartment cover off overnight to ensure completely drying. Do not use the radio until the unit is completely dry.

General specification			
item	Description	unit	limit
1	Channel number	CH	8
2	Freq. Stability	ppm	2.5
3	Working voltage	V	3.6-4.5V
4	Low battery indicator	V	3.2+/- 0.2
Receiver			
5	Sensitivity at 12dB Srad	dBm	$\leq 119$
6	Max. Audio output power	mW	250
7	Audio distortion	%	5
8	Spurious response Atten.	dB	50
9	Adjacent channel rejection	dB	45
10	Image rejection	dB	40
16	Current drain at max AFoutput	mA	160
	at stand-by	mA	$\leq 33$
	at power saving	mA	$\leq 0.9$
Transmitter			
17	RF power output	mW	$\leq 500$
25	Current drain at 500mW	mA	$< 550\text{mA}$
24	Mic. Sensitivity	mV	$< 15$
18	Max. Dev. With CTCSS	KHz	2.5
21	Modulation distortion	%	5
22	Spurious/Harmonics Emission	dB	46