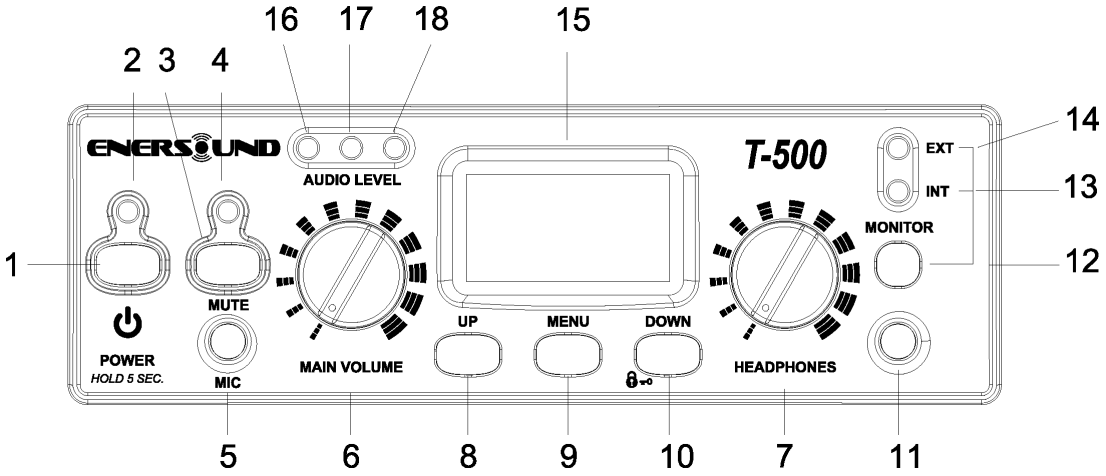
T-500 USER MANUAL

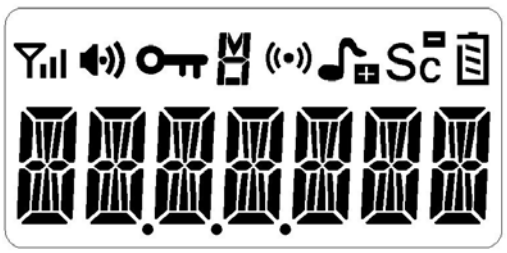
1. INTRODUCTION

1.1 Front panel



(1) POWER button
(2) POWER indicator light (red light)
(3) MUTE button
(4) MUTE indicator light (red light)
(5) MIC input jack (ϕ3.5mm)
(6) Main Volume control
(7) Headphones output gain control
(8) UP button
(9) MENU button
(10) DOWN AND KEY LOCK button
(11) Headphones output jack (ϕ3.5mm)
(12) Internal and external monitor switch
(13) Internal monitor indicator (red light)
(14) External monitor indicator (green light)
(15) LCD screen
(16) Input signal strength indicator: yellow light
(17) Input signal strength indicator: green light
(18) Input signal strength indicator: red light

1.2 LCD screen




Showing working channel (CH.01) or operating country mode


RF signal strength indicator.


Show Rx receiving signal --- N/A


Appears when keypad is locked

M Middle TX power --- N/A

H High TX Power

L Low TX Power

Appears when wide or narrow channel spacing

Appears when Test Tone function is on

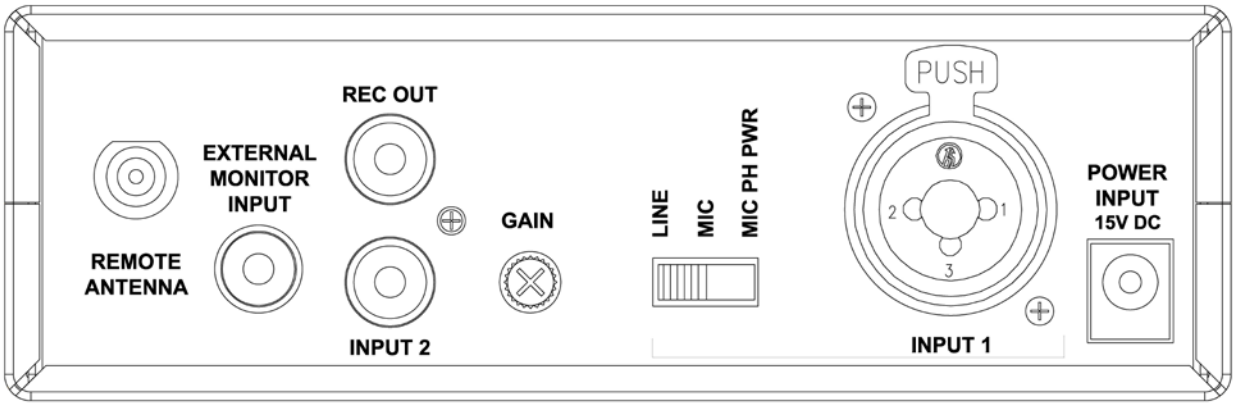
Sc Appears when the channel selected is in the scanning list --- N/A

N/A

N/A

Battery level, showing the battery capacity (voltage) --- N/A

1.3 Rear panel



Specifications:
Dimensions(W*H*D)：140mm*45 mm*116 mm；
Weight: 1450g；

2. FUNCTION DESCRIPTION

2.1 POWER ON/OFF

Pressing and holding [POWER] button for 2 seconds to turn on the radio, it will go to previous channel or initial channel [CH 01] (see Fig 1), pressing it for 2 seconds again will turn off the radio.

Note: When the transmitter is turned on, the display will show full display during the start up.

2.2 CHANNEL SETTING

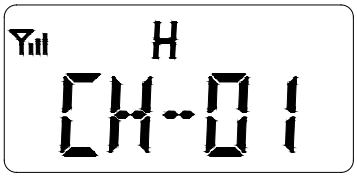


Fig 1

Press the [UP] or [Down] button to choose the operating channel from channel 1 to 17.
The TX power would be off during the switching interval.

2.3 Frequency SETTING

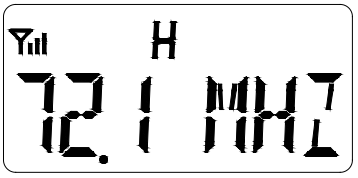


Fig 2

In "frequency display" mode, the transmitter will show the frequencies instead of channel numbers (see Fig 2). Press [UP] or [Down] button to choose the operating frequency with default setting.

Please note that if going in steps of 0.1Mhz there are only 17 frequencies available because some frequencies are restricted:
Allowed frequencies are: 72.1, 72.2, 72.3, 72.4, 72.5, 72.6, 72.7, 72.8, 72.9, 74.7, 75.3, 75.4, 75.5, 75.6, 75.7, 75.8, 75.9 Mhz.

2.4 Channel / Frequency Lock

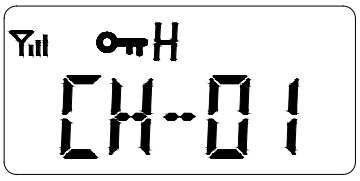


Fig 3

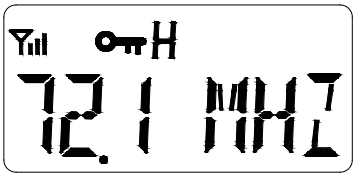


Fig 4

By pressing and holding the UP or DOWN button for 5 seconds, the display will show " " icon (see Fig 3 & 4), the transmitter will be locked and the channel or frequency cannot be changed until the unit is unlocked by pressing and holding the [UP] or [DOWN] button for 5 seconds again. The lock option will remain even if the unit is turned off and on again or is unplugged from the power source.

3. Menu Options:

Pressed and held the [MENU] button for 5 seconds, then the transmitter will enter into program mode, there are five items Test Tone, Tx Power, Display, Modulation, Exit in setting menu.
After 10 seconds of inactivity the transmitter automatically will exit the program mode.

3.1 Test Tone

Enter into program mode first option will blink "TONE".

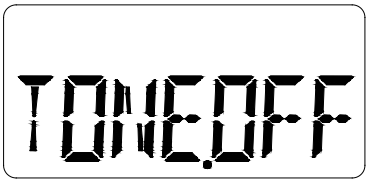


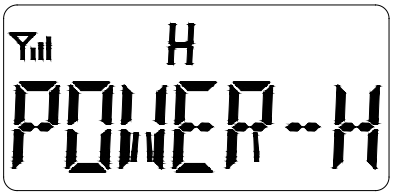
Fig 5 Fig 6

•Press the [UP] or [DOWN] button to select the [TONE.OFF] or [TONE. ON](see Fig 5 & 6).

•Press [MENU] button to save the selected value and to go to the next menu option.

3. 2 Tx Power

Enter into program mode second option will blink [POWER]



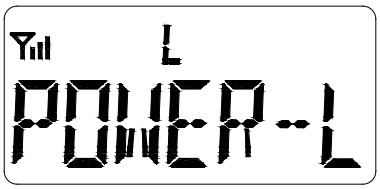


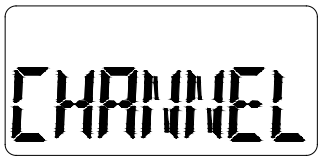
Fig 7 Fig 8

•Press the [UP] or [DOWN] button to select the [H] or [L] (see Fig 7 & 8).

•Press [MENU] button to save the selected value and to go to the next menu option.

3.3 Display Mode

Enter into program mode third option, the LCD will blink [DISPLAY].



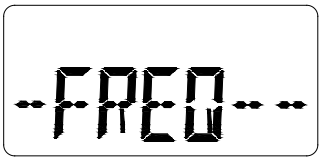


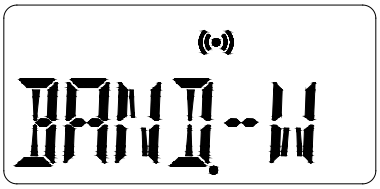
Fig 9 Fig 10

•Press the [UP] or [DOWN] button can select [CHANNEL] or [FREQ] (see Fig 9 & 10).

•Press [MENU] button to save the selected value and to go to the next menu option.

3. 4 F Deviation

Enter into program mode fourth option will blink “BAND-W”



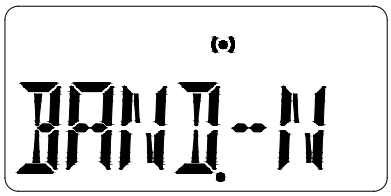


Fig 11 Fig 12

•Press the[UP] or [DOWN] button to select the Band [W] or [N] (see Fig 11 & 12).

•Press [MENU] button to save the setting and to go to the next menu option.

3. 5 Exit

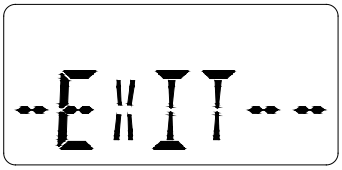


Fig 13

Enter into program mode fifth option will blink [EXIT]

•Press [MENU] button to exit the menu option.

4. **RESET**

Press and hold down [UP] + [DOWN] buttons, then Power On the transmitter, it will go back to the initial channel [CH 01].

NOTE! This function is very useful if the transmitter is malfunctioning or if you want cancel all made settings. Reset shall restore the transmitter to default settings.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference, and (2) this device must accept any interference received, Including interference that may cause undesired operation.

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne
doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour
fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste,
ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

The device is compliance with RF field strength limits, users can obtain Canadian information on RF exposure and compliance