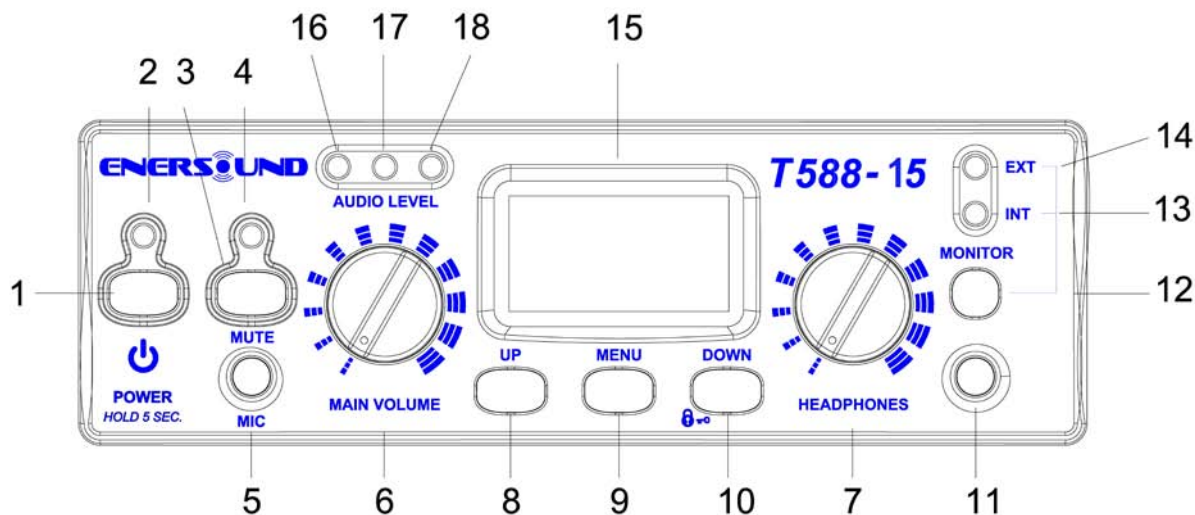


# T588-15 USER MANUAL

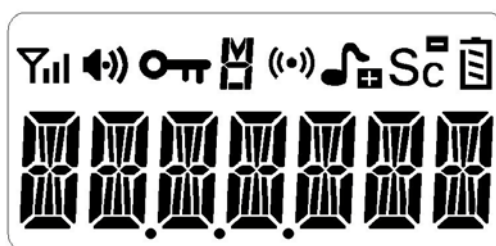
## 1. INTRODUCTION

### 1.1 Front panel



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

### 1.2 LCD screen



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



RF signal strength indicator.



--- N/A



Appears when keypad is locked



Mono operating indicator



--- N/A



--- N/A



Stereo operating indicator



Appears when Test Tone function is on



--- N/A



--- N/A

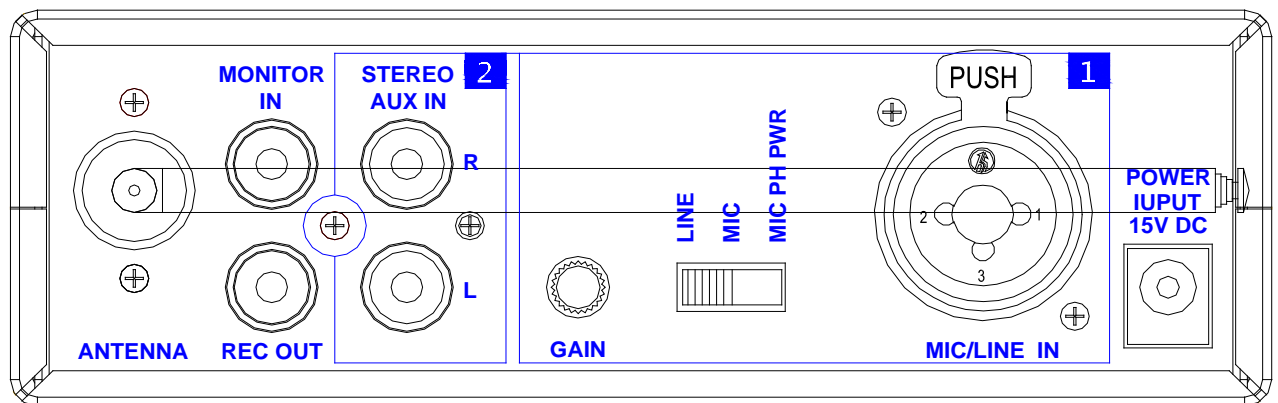


--- N/A



--- N/A

### 1.3 Rear pane **NEW REAR PANEL PROPOSED SILKSCREEN**



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 3 seconds to turn on the radio, the LCD will indicate the default band [USA] or [CAN] one second, then go to the default operating frequency [88.1MHZ] (see Fig 1) or last operating frequency, pressing it for 3 seconds again will turn off the radio.

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

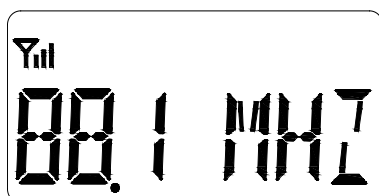



Fig 1

**2.2 Frequency SETTING:** The device built-in the USA & CAN operating frequency & power level (see frequency list in Fig. 8), press the [UP] or [DOWN] button to choose the preset operating frequency.

### 2.3 Choose the USA or CAN Band

- (a) Hold press the [Monitor] & [Power] button 3 second to turn on the radio, the LCD indicate the previous operating band (USA or CAN) flashing,
- (b) Press the [MENU] button to the band select mode, the LCD stop flashing
- (c) Press the [UP] or [DOWN] button to choose the USA or CAN band (the power level has preset in radio by program software)
- (d) Press the [MENU] button to store the setting & go to the default operating frequency for a while.

### 2.4 Frequency Lock:

Pressing and holding the [DOWN] button for 5 seconds, the display will show “  ” icon (see Fig 2), the transmitter will be locked out the operating frequency, it will go back to 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.

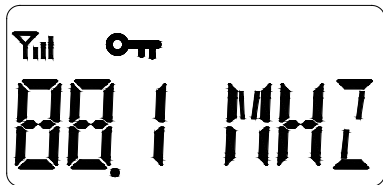


Fig 2

### 3. Menu Options:

Pressed and held the [MENU] button for 6 seconds, then the transmitter will enter into program mode, there are "Stereo/Mono", Test Tone, Exit, three function in setting menu.

After 10 seconds of inactivity the transmitter automatically will exit the program mode.

#### 3.1 Stereo/ Mono

Enter into program mode second option will blink "Stereo",

Press the [UP] or [DOWN] button to select the [Mono] or [Stereo].

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

The LCD display of Mono & Stereo (see Fig 3 & Fig 4).

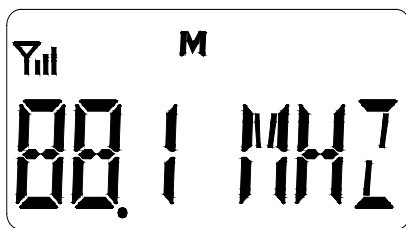


Fig. 3

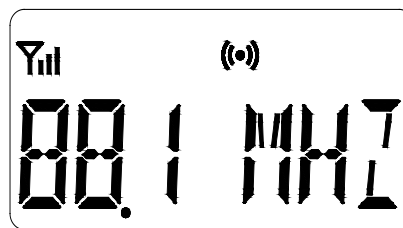


Fig. 4

#### 3.2 Exit

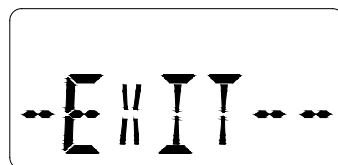


Fig 7

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 program channel, the default frequency is [88.1MHz].

**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.

## Telescopic antenna length adjustment.

In a manner to achieve good performances (more coverage distance) with your FM transmitter, it is mandatory to adjust the length of the telescopic antenna to it's associated frequency.

**Procedures:** **1)** Choose a free frequency (see Frequency selection page 5). **2)** Take note of the associated length (ex: 88.5MHz = 35 inches). **3)** With the help of a measuring tape or ruler; extend the telescopic antenna in a manner to obtain the desired length (from base to tip of antenna).

Frequency MHz	Rod length Inches	Frequency MHz	Rod length Inches	Frequency MHz	Rod length Inches	Frequency MHz	Rod length Inches
88.1	35	93.3	32	98.5	29 1/2	103.7	27 1/2
88.3	35	93.5	32	98.7	29 1/2	103.9	27 1/2
88.5	35	93.7	32	98.9	29 1/2	104.1	27 1/2
88.7	35	93.9	32	99.1	29 1/2	104.3	27 1/2
88.9	35	94.1	31 1/2	99.3	29 1/2	104.5	27
89.1	35	94.3	31 1/2	99.5	29	104.7	27
89.3	35	94.5	31 1/2	99.7	29	104.9	27
89.5	35	94.7	31 1/2	99.9	29	105.1	27
89.7	35	94.9	31	100.1	29	105.3	27
89.9	35	95.1	31	100.3	29	105.5	27
90.1	35	95.3	31	100.5	29	105.7	27
90.3	35	95.5	31	100.7	28 1/2	105.9	27
90.5	35	95.7	31	100.9	28 1/2	106.1	26 1/2
90.7	35	95.9	31	101.1	28 1/2	106.3	26 1/2
90.9	34 1/2	96.1	30 1/2	101.3	28 1/2	106.5	26 1/2
91.1	34 1/2	96.3	30 1/2	101.5	28 1/2	106.7	26 1/2
91.3	34	96.5	30 1/2	101.7	28	106.9	26 1/2
91.5	34	96.7	30 1/2	101.9	28	107.1	26 1/2
91.7	33 1/2	96.9	30 1/2	102.1	28	107.3	26
91.9	33	97.1	30	102.3	28	107.5	26
92.1	33	97.3	30	102.5	28	<b>107.7</b>	26
92.3	33	97.5	30	102.7	28	<b>107.9</b>	26
92.5	32 1/2	97.7	30	102.9	28		
92.7	32 1/2	97.9	30	103.1	28		
92.9	32	98.1	30	103.3	27 1/2		
93.1	32	98.3	30	103.5	27 1/2		

Fig. 8

**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: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**IMPORTANT NOTE:**

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**ISED Warning**

This device complies with Innovation, Science, and Economic Development 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'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil n' 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.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance.

Le présent appareil est conforme Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir les informations correspondantes.