External DC Power Supply Connection
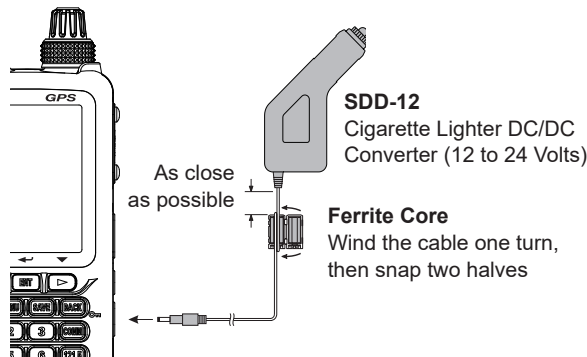
You may insert the cable plug of the optional **SDD-12** *Cigarette Lighter DC/DC Converter into the* **EXT DC** *jack located on the right side of the transceiver. In this case, the "* ▱ *" icon will appear in the top right corner of the LCD display.*

When making DC connections via the **SDD-12**, be absolutely certain to observe the proper voltage level and polarity guidelines.

❍ The **SDD-12** can be connected to 12 to 24 Volt DC power sources.

SDD-12
Cigarette Lighter DC/DC Converter (12 to 24 Volts)

As close as possible

**Ferrite Core**
Wind the cable one turn, then snap two halves

❍ For noise reduction from exogenous noise, wind one turn of the **SDD-12** cable around the ferrite core, and snap its two halves together, per the illustration above. Attach the ferrite core as close as possible to the **SDD-12** body, as shown.

⚠ *Do not connect any accessory unapproved by YAESU to supply DC power; otherwise the FTA-850L may be damaged.*

Antenna Installation

❒ To attach the supplied antenna to the **FTA-850L**, grasp the base of the antenna firmly, and exert a moderate "pinching" pressure on the base as you press the antenna onto the radio's antenna connector. While exerting this pressure, rotate the antenna clockwise 1/4 turn to lock the antenna in place.
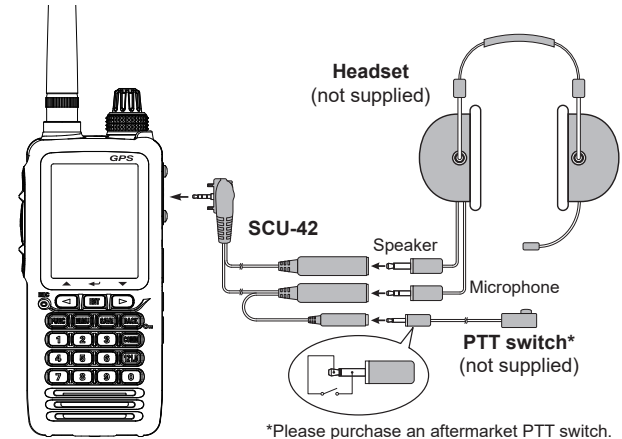

16
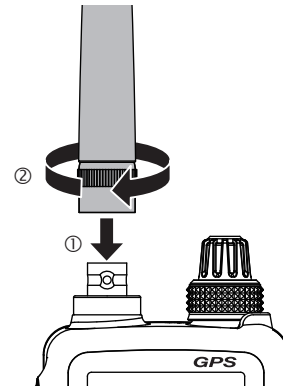
Belt Clip Installation

You may mount the clip to the rear of the **FTA-850L** using the supplied screws.
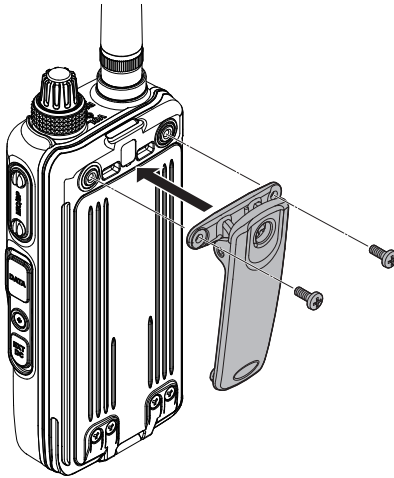
Headset Connection

You may use an optional headset through the supplied **SCU-42** Headset Adapter Cable.

*Please purchase an aftermarket PTT switch.

1. Remove the cover and two screws of the **MIC/SP** jack located on the right side of the transceiver.
2. Insert the plug of the **SCU-42** to the **MIC/SP** jack.
3. Fix the plug with two screws attached to the **SCU-42**.
    ❒ Either of the plug directions are acceptable as long as the both screws fit the screw holes.
4. Insert the plugs of the headset to the sockets of the **SCU-42**.

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Precautions

❍ The **FTA-850L** are capable of two-way communi-
cation on channels used for critical aviation safety
communications. Therefore, it is important that this
radio be kept away from children or other unauthor-
ized users at all times.

❍ Do not dispose of the Lithium-ion battery pack in
a fire. Do not carry a Lithium-ion battery pack in
your pocket, where keys or coins could short the
terminals. This could create a serious fire/burn
danger, and possibly cause damage to the Lithium-
ion pack.

❍ The **FTA-850L** are designed to have the waterproof
capability equivalent to IPX5. Do not allow the
radio to become submerged, and do not subject it
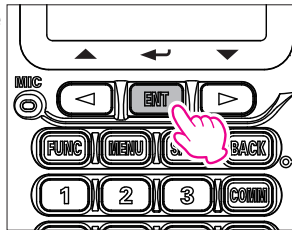to water spray under pressure.

BASIC OPERATION

Reception (COM Band)

Turning the radio on and off

❒ ***To turn the radio on***, press and hold the **POWER** switch. "**WARNING**" will be displayed.
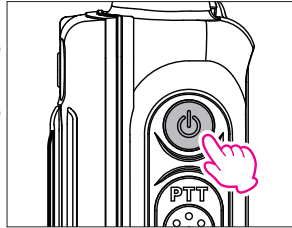
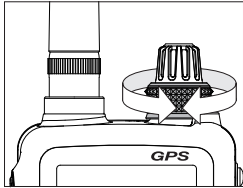❒ If you agree with the warning message, press the [**ENT**] key.

❒ A channel frequency will appear on the display. If not, press the [**COMM**] key.
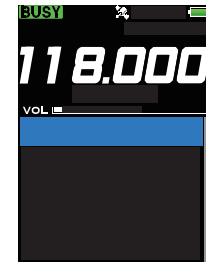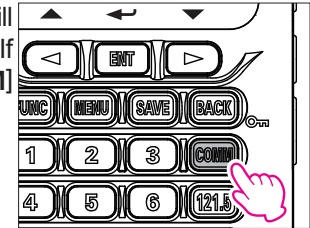
❒ The "BUSY" icon appears on the display when the audio signal is received on the current frequency.

❒ ***To turn the radio off***, press and hold the **POWER** switch.

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Adjusting the frequency

❒ You may turn the **DIAL** selector (outer) knob on the top panel to choose the desired operating frequency. The channel frequency will appear on the LCD.

❒ Directly entering frequencies from the keypad is the easiest method if you know the frequency on which you wish to operate. Just enter the five digits of the frequency to move to that frequency.

For example, to set 134.35 MHz,
press [**1**] ➔ [**3**] ➔ [**4**] ➔ [**3**] ➔ [**5**].
To set 118.275 MHz, you do not need to press the final "5" in the frequency as below:
[**1**] ➔ [**1**] ➔ [**8**] ➔ [**2**] ➔ [**7**].

❒ You may recall the operating frequency that you have used by pressing the [**ENT**] key.
A list of frequencies you have used will appear below the VOL meter on the display.

Select the desired frequency by pressing the [◄] or [►] key, then press the [**ENT**] key.

20
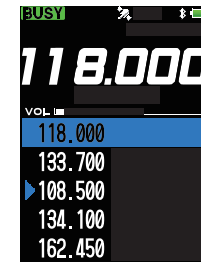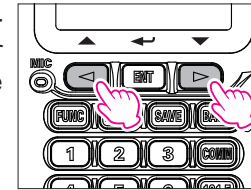
Adjusting the volume

❒ Rotate the **VOL** (inner) knob to set the volume level. If no signal is present, press and hold the **SQL** switch; background noise will now be heard, and you may use this noise to set the **VOL** knob for the desired audio level. Press and hold the **SQL** switch to silence the noise and resume normal (quiet) monitoring.
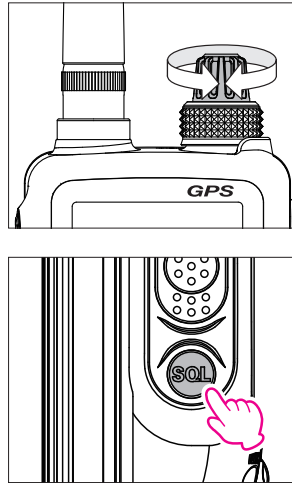
Adjusting the squelch

❒ Press the **SQL** switch, then rotate the **DIAL** selector knob to set the squelch threshold (0 to 15) so that the receiver is just silenced. A higher number indicates that a higher signal level is required in order to open the squelch.
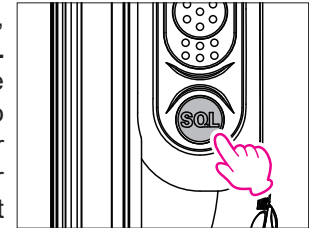
❒ Your new setting will be saved each time you perform either of the operations above.

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Monitor Switch

When listening to a very weak signal from an aircraft or ground station, you may observe the signal disappearing periodically as the incoming signal strength becomes too weak to override the squelch threshold setting.

To disable the squelch temporarily, press and hold the **SQL** switch for 2 seconds. The squelch will remain open and you should have a better chance of hearing weak signals.

To return to normal operation, press the **SQL** momentarily.

Accessing the 121.5 MHz Emergency Frequency

The **FTA-850L** can quickly access the 121.500 MHz emergency frequency. This function can be activated even when the keypad lock function (described on Page 30) is in use.

❒ To access the emergency frequency, press and hold the [**121.5**] key.
After four beeps, the transceiver enters the emergency mode and the frequency is automatically tuned to 121.500 MHz.
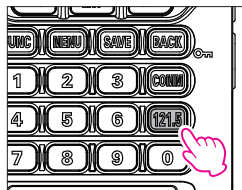
❒ To exit the emergency mode, press the [**COMM**] key. The message confirming the cancelation of the emergency mode will appear. Press the [◄] or [►] key to select "**YES**", then press the [**ENT**] key.

22
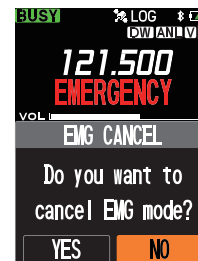
Transmission (COM Band)

❒ To transmit, press and hold the **PTT** switch. Speak into the microphone area of the front panel grille in a normal voice level.
The "TX" icon, which indicates that the **FTA-850L** are in the transmit mode, appears on the display.
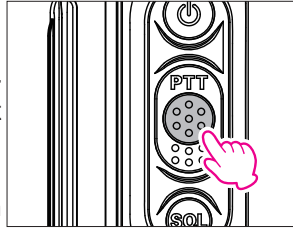
❒ To return to the receive mode, release the **PTT** switch.

───── **Operating Advice: Use of Internal Microphone** ─────

Your **FTA-850L** are sealed against water ingress, which includes waterproof seals around the microphone and speaker enclosure. This requires that you focus your speech in the direction of the microphone's location, so as to ensure sufficient voice input to the radio. Refer to the illustration and observe the location of the internal microphone.

If you find it difficult to utilize the **FTA-850L** conveniently and safely while speaking directly into the microphone, we recommend the use of the **SSM-20A** Speaker/Microphone (option), or an aftermarket aviation headset with boom microphone.

23
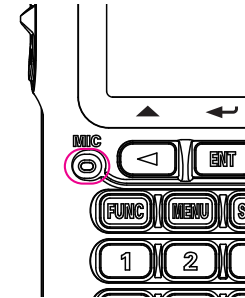
Operation Bands

When the **FTA-850L** are turned on for the first time, it enters the COMM mode and displays the COM band screen. The COMM mode is the basic operation mode of the **FTA-850L** that allows you to tune through either of the NAV and COM bands using the **DIAL** knob or the keypad.

❍ **NAV band (108.000 - 117.975 MHz):**
Band for navigation utilizing data signals emitted by VOR (VHF omnidirectional range) stations and ILS (instrument landing system) of airports.

❍ **COM band (118.000 - 136.975 MHz):**
Band for communication utilizing audio signals.

When the **FTA-850L** receive a data signal associated with VOR or ILS, the display will automatically switch to the NAV band screen which shows a CDI (course deviation indicator) based on the received signal, and "**NAV**", which indicates that the **FTA-850L** are on the NAV band, appears on the display.

When receiving a VOR signal

Operation Modes

The **FTA-850L** operate in either of the modes below. You can switch the modes via the MENU screen displayed by pressing the [**MENU**] key on the front panel.
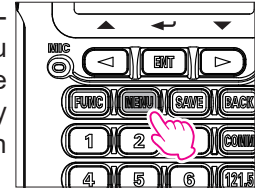
When turning on the **FTA-850L**, the last mode you have used before turning off will automatically be entered.

❍ **COMM**
The basic operating mode for communication. Navigation through the NAV band is also performed on this mode.

○ **MEMORY**

This mode provides you with the ability to store and recall as many as 200 channels in the radio's main memory bank.

○ **WEATHER** (*USA/Canada Only*)

The receive mode for the VHF weather channel broadcasts. 10 weather channels are pre-programmed at the factory.

○ **COMPASS**

The compass with your traveling course up, COG (course over ground), SOG (speed over ground), altitude, and the date will be displayed according to the signals received by the built-in GPS unit are displayed.

○ **NAVI**

Navigation to the waypoint (destination) memorized or manually input is carried out in this mode.

○ **TIMER**

You may use the **FTA-850L** as a countdown timer or a stopwatch through this menu.

○ **SETUP**

This mode allows certain aspects of your radio's configuration to be customized for your personal operating conditions.

Resetting the Radio

To clear all memories and other settings to factory defaults:

1. Press the [**MENU**] key to display the MENU screen.

2. Select "**SETUP**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

3. Select "**CONFIGURATION**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
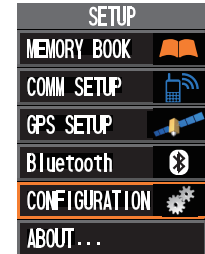
4. Select "**RESET**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

25
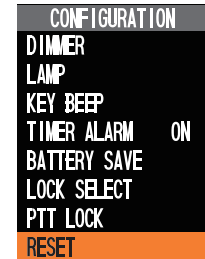
5. Select "**FACTORY**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

```
CONFIGURATION
    RESET
   FUNCTION
    MEMORY
  COMM & GPS
 CONFIGURATION
    FACTORY
```

6. Select "**OK?**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

```
CONFIGURATION
    RESET

   FUNCTION

   OK    CANCEL
```

The initialization will start and then "**COMPLETED!**" will be displayed after the radio returns to factory default.

ADVANCED OPERATION

Bluetooth® Operation

The FTA-850L has built-in Bluetooth® functionality. Hands-free operation is possible using the optional Bluetooth® headset (SSM-BT10) or a commercially available Bluetooth® headset.

> **i** The operation of all commercially available Bluetooth® headsets cannot be guaranteed.

Pairing the Bluetooth® Headset

When using the Bluetooth® Headset for the first time, the Bluetooth Headset and the FTA-850L must be paired.

This step is only necessary when first connecting the headset.

1. To start the Bluetooth® headset in pairing mode.
   SSM-BT10: Press and hold the **Multi Function Button** for 3 seconds, until the SSM-BT10 LED blinks red/blue alternately.
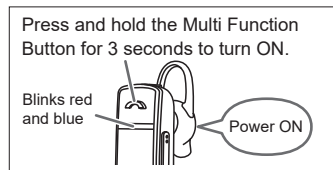
   ```
   Press and hold the Multi Function
   Button for 3 seconds to turn ON.

   Blinks red
   and blue            Power ON
   ```

2. Press the [**MENU**] key to display the MENU screen.

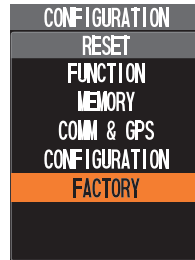3. Select "**SETUP**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

4. Select "**Bluetooth**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

5. Select "**Bluetooth**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

27
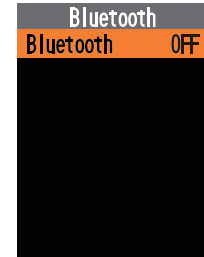
6. Select "**ON**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

Bluetooth
Bluetooth ON/OFF
✓ OFF
ON

7. Select "**NEW**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
    The search starts, and the model name of the found **Bluetooth**® device is displayed in the list.
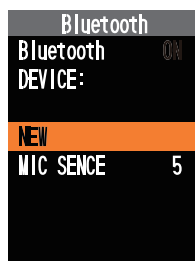
Bluetooth
Bluetooth   ON
DEVICE:

NEW
MIC SENCE   5

8. Select the **Bluetooth**® headset to be connected on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

Bluetooth
NEW
SSM-BT10

Searching

9. Press the [**ENT**] key.
    The paring starts.

Bluetooth
DEVICE
CONNECT
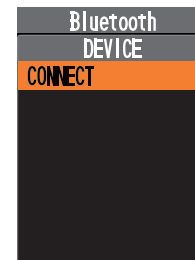
- When the connection is complete will display "**Connected**".
- The LED of **SSM-BT10** blinks blue. The pairing is completed.
- If the PIN CODE input screen is displayed, enter the PIN code of the **Bluetooth**® headset and then press the [**ENT**] key.

Bluetooth
DEVICE

PAIRING

Connected

10. Press the [**BACK**] key sometimes to return to the normal operation.
    While connected to a **Bluetooth**® headset, the "⏸️" icon lights up on the **FTA-850L** screen, and the received audio and operation beep will be heard from the **Bluetooth**® headset.

● **Disable the Bluetooth**® **function**
    To cancel the **Bluetooth**® operation, just repeat the above procedures, selecting "**OFF**" in step 6 above.

Connecting to a registered (paired) Bluetooth® headset

1. Perform step 6 above to on the **Bluetooth**® function.
2. Select "**DEVICE:**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
   The device list will display.

```
Bluetooth
Bluetooth      ON
DEVICE:
SSM-BT10
NEW
MIC SENCE      5
```

3. Select the **Bluetooth**® headset to be connected on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

```
Bluetooth
DEVICE
√ SSM-BT10
  MXP56-1
```

4. Select "**CONNECT**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
   When the connection is complete will display "**Connected**".

```
Bluetooth
DEVICE
CONNECT
DELETE
```

● **Remove a registered (paired) Bluetooth® headset from the list**

1. In step 4 above, select "**DELETE**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
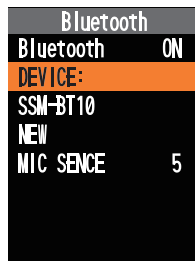   The confirmation screen will display.
2. Select "**OK**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key to be deleted from the device list.

Transmit operation by pressing the button on the Bluetooth® headset (when the VOX function is OFF)

When the **VOX** function is **OFF**, pressing the "**Call button**"* on the **Bluetooth**® headset once will engage the **FTA-850L** in transmit, and then a call can be made using the **Bluetooth**® headset.
Press the "**Call button**"* again to return the **FTA-850L** to receive.

*The button name may differ depending on your **Bluetooth**® headset.

SSM-BT10: When the **Multi-Function** button is pressed, a beep will sound and the **FTA-850L** will continuously transmit.
Press the **Multi-Function** button again, a beep will sound and the **FTA-850L** will return to receive mode.

Press briefly to transmit

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Reception of Weather Channel Broadcasts

(for USA/ Canada only)
The **FTA-850L** can receive VHF weather channel broadcasts, which may assist your flight planning. The **FTA-850L** include a special bank capable of storing 10 weather channels, which simplifies access when you are in an unfamiliar location.

❒ To receive weather channels, press the [**MENU**] key, select "**WEATHER**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
The last channel you have tuned will be received.

❒ You can also select a weather channel from the pre-programmed list with the **DIAL** selector knob. To confirm the weather channel frequency selection, press the [**ENT**] key.

❒ To exit the WX mode, press the [**MENU**] key, select the mode other than "**WEATHER**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

Lock Function

This function prevents accidental changes to the frequency setting and the keypad controls.

Setting the lockout configuration
You may choose the controls to be locked.
1. Press the [**MENU**] key to display the MENU screen.
2. Select "**SETUP**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
3. Select "**CONFIGURATION**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
4. Select "**LOCK SE-LECT**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
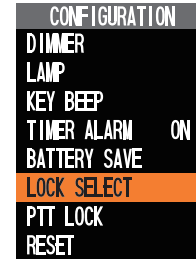
5. Select one of the following lock configuration by pressing the [◄] or [►] key, and then press the [**ENT**] key.
KEY LOCK / DIAL LOCK / ALL LOCK
The setting will be determined and the display will return to the CONFIGURATION menu.

● **Activating the lock feature**

❒ Press and hold the [**BACK**] key.
According to the setting of the lockout configuration, either of "**KEY LOCK**", "**DIAL LOCK**", or "**ALL LOCK**" will appear on the screen for 2 seconds and then the display will return to the previous screen.

❒ While the **FTA-850L** are locked, the controls with the **DIAL** selector knob and/or the keys except the **PTT** switch, the **POWER** switch, and the [**121.5**] key are disabled.
If the **DIAL** selector knob is rotated or any of the keys is pressed, either of "**DIAL LOCK**", "**KEY LOCK**", or "**ALL LOCK**" will appear on the screen for 2 seconds and then the display will return to the previous screen.

❒ To turn the lock feature off, press and hold the [**BACK**] key again.
"**UNLOCK**" will appear on the screen for 2 seconds and then the display will return to the previous screen.

Changing the Channel Steps

The synthesizer of the **FTA-850L** provides the option of utilizing channel steps of 8.33/25 kHz per step.
The **FTA-850L** are set up with default channel steps of 25 kHz (NAV and COM bands). If you need to change the channel step increments, select "**8.33kHz**" on the item "**FREQUENCY STEP**" of the "**COMM SETUP**" menu in the SETUP mode.

Notes:
❍ The 8.33 kHz steps are available in the COM Band only.
❍ When you set the channel step to 8.33 kHz, the channel display differs from actual operating frequency; see the chart below. However, the operator (pilot, tower, control, etc.) will call out the frequency according to what the display indicates.

Operating Frequency	Display	
	8.33 kHz Step	25 kHz Step
1xx.0000 MHz	1xx.005	1xx.000
1xx.0083 MHz	1xx.010	
1xx.0166 MHz	1xx.015	
1xx.0250 MHz	1xx.030	1xx.025
1xx.0333 MHz	1xx.035	
1xx.0416 MHz	1xx.040	
1xx.0500 MHz	1xx.055	1xx.050
1xx.0583 MHz	1xx.060	
1xx.0666 MHz	1xx.065	
1xx.0750 MHz	1xx.080	1xx.075
1xx.0833 MHz	1xx.085	
1xx.0916 MHz	1xx.090	

❍ The adjacent channel selectivity will be slightly degraded while receiving using 8.33 kHz channel steps.

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MEMORY OPERATION

The **FTA-850L** provide 200 user-programmable memories which can hold sets of information about channels such as its channel frequency, position information, channel tag (name) up to 15 characters, and flag (marking for search refinement).

The stored channels can be assigned to ALL, FLAG or GP1-GP8, which can be named with up to 10 characters.

The **FTA-850L**'s memory system allows you to store, label, and recall channel frequencies you may use frequently.

Recalling the Memories

1. Press the [**MENU**] key to display the MENU screen.

2. Select "**MEMORY**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.

3. Select a group that the desired channel belongs to, by pressing the [◄] or [►] key.
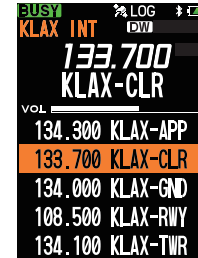
The frequency and tag name of the channel listed first indicates that the **FTA-850L** are in the MR (memory recall) mode, and the group name selected in step 3 will appear on the upper field of the display.

❍ The memory channels belong to either of the following groups.

ALL ...Group including all the memory channels.

FLAG ...Group of memory channels you have set the item "**FLAG**" when storing.

GROUP1 to GROUP8...Groups of memory channels that you can set "GROUP1" to "GROUP8" when storing.

○ The list of memory channels will also appear below the VOL meter on the display. You may move to the list by pressing the [**ENT**] key, then select and tune to one of the channels in the list by pressing the [◄] or [►] key followed by the [**ENT**] key.

❒ To exit the MR mode, press the [**COMM**] key.

Instant Storage

❒ Select a desired frequency in the COMM mode, then press the [**SAVE**] key.
The frequency will be stored and a tag name automatically assigned will appear on the display.
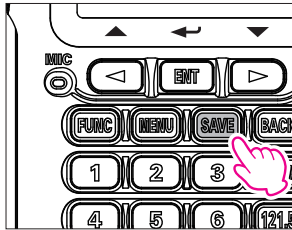
❒ If you want to customize the information to be stored, press and hold the [**SAVE**] key. The MEMORY BOOK form appears on the display, with the channel name (tag), frequency, flag, and position information (if exists) already filled.

Press the [◄] or [►] key to select the item, then press the [**ENT**] key.

Input letters and/or numerics with the keypad or the **DIAL** selector knob, or select a setting with the [◄] or [►] key, then press the [**ENT**] key. After all the inputs or changes have been done, select "**PRESS [SAVE] KEY**" at the bottom of the display with the [◄] or [►] key, then press the [**ENT**] key to store them into the memory.

❒ Press the [**BACK**] key to cancel the changes or inputs.

Note:
You cannot store weather channels to the memory by pressing the [**SAVE**] key during the WX mode.

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Maintenance of the Memory

Adding new addresses, editing the stored information, and deleting the stored addresses are allowed through the SETUP mode.

Adding entries
1. Press the [**MENU**] key to display the MENU screen.
2. Select "**SETUP**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
3. Select "**MEMORY BOOK**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
4. Select "**ADD**" by pressing the [◄] or [►] key, and then press the [**ENT**] key.
5. Select the item, input letters and/or numerics, select a setting, and store the changes in the same way as the instant storage described previously.

Notes:
❍ You cannot skip the input of "**Name**" (channel tag).
❍ You must input either of "**Freq.**" (channel frequency) or "**LAT**" and "**LON**" (position information of the channel).

Editing the information
1. Press the [**MENU**] key to display the MENU screen.
2. Select "**SETUP**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
3. Select "**MEMORY BOOK**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
4. Select "**EDIT**" by pressing the [◄] or [►] key, and then press the [**ENT**] key.

5. Press the [◄] or [►] key to select the group including the entry you want to edit, then press the [**ENT**] key.
6. Press the [◄] or [►] key to select the entry you want to edit, then press the [**ENT**] key.
7. Select the item, input letters and/or numerics, select a setting, and then store the changes in the same way as the instant storage described previously.

Deleting the memory
1. Press the [**MENU**] key to display the MENU screen.
2. Select "**SETUP**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
3. Select "**MEMORY BOOK**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
4. Select "**DELETE**" by pressing the [◄] or [►] key, and then press the [**ENT**] key.
5. Press the [◄] or [►] key to select the group including the entry you want to delete, then press the [**ENT**] key.

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6. Press the [◄] or [►] key to select the entry you want to delete, and then press the [**ENT**] key.
7. Select "**OK?**" on the screen by pressing the [◄] or [►] key, and then press the [**ENT**] key.
    The display will return to the previous screen after the deletion of the entry from the memory.

SPECIFICATIONS

General

Frequency Range*:*	TX: 118.000 to 136.9916 MHz
	RX: 108.000 to 136.9916 MHz (NAV and COM bands)
	161.650 to 163.275 MHz (Weather Channels; USA/Canada only)
	329.150 to 335.000 MHz (Glide slope)
Channel Spacing*:*	25 kHz/8.33 kHz
Emission Type*:*	TX: AM
	RX: AM & FM (FM: for receiving the Weather Channels)
Supply Voltage*:*	6.0 to 9.5 VDC
Current Consumption *(approx.):*	300 µA (power off),
	125 mA (battery saver on, saver ratio 50%)
	160 mA (squelch on),
	300 mA (receive),
	1.1 A (transmit 1.8 W Carrier)
Temperature Range*:*	+14 ºF to + 140 ºF (–10 ºC to +60 ºC)
Case Size *(W x H x D):*	2.4 x 5.2 x 1.3 inches (60 x 133 x 33 mm) with SBR-39LI
Weight *(approx.):*	13.9 oz (395 g) with SBR-39LI, antenna and belt clip

Receiver

Circuit Type*:*	Double-conversion superheterodyne
IFs*:*	47.25 MHz (VHF) / 46.35 MHz (UHF) & 450 kHz
Sensitivity*:*	Better than 0.8 µV (for 6 dB S/N with 1 kHz, 30 % modulation)
Selectivity*:*	>8 kHz/–6 dB
Adjacent CH. Selectivity*:*	<25 kHz/–60 dB
AF Output *(@7.4 V):*	0.8 W @ 16 Ohms, 10 % THD

Transmitter

Power Output (@ 7.4 V):	*6.0 W (PEP), 1.8 W (Carrier Power)*
Frequency Stability:	*Better than ±1 ppm (+14 ºF to + 140 ºF [–10 ºC to +60 ºC])*
Modulation System:	*Low Level Amplitude Modulation*
Spurious Emission:	*>70 dB below carrier*
Int. Microphone Type:	*Condenser*
Ext. Mic. Impedance:	*150 Ohms*

GPS Unit

Receiver Channels	*66 Channels*
Sensitivity	*Less than –147 dBm*
Time to First Fix	*1 minute typical (@ Cold Start)*
	5 seconds typical (@ Hot Start)
Geodetic Datum	*WGS84*

Bluetooth

Version:	*Version 4.2*
Class:	*Class 2*
Output Power:	*2 dBm*

Specifications are subject to change without notice or obligation.

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Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée quivalente (p.i.r.e.) ne dépassepas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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.

Part 15.21: Changes or modifications to this device not expressly approved by YAESU MUSEN could void the user's authorization to operate this device.

EU Declaration of Conformity

We, Yaesu Musen Co. Ltd of Tokyo, Japan, hereby declare that this radio equipment FTA-850 is in full compliance with EU Radio Equipment Directive 2014/53/EU. The full text of the Declaration of Conformity for this product is available to view at http://www.yaesu.com/jp/red

ATTENTION – Conditions of usage

This transceiver operates on frequencies that are regulated. Use of the Transmitter in the EU countries shown in the accompanying table is not permitted without authorization. Users should consult their local spectrum management authority for licensing conditions applicable to this equipment.

AT	BE	BG	CY	CZ	DE
DK	ES	EE	FI	FR	UK
EL	HR	HU	IE	IT	LT
LU	LV	MT	NL	PL	PT
RO	SK	SI	SE	CH	IS
LI	NO	–	–	–	–

Disposal of Electronic and Electrical Equipment

Products with the symbol (crossed-out wheeled bin) cannot be disposed of as household waste.
Electronic and Electrical Equipment should be recycled at a facility capable of handling these items and their waste by products.
Please contact a local equipment supplier representative or service center for information about the waste collection system in your country.

YAESU