

**IMPORTANT:** Pack carefully in original package if possible. We are not responsible for damage incurred in returning items for repair. A letter stating your exact street address, daytime phone number, and the problem you are experiencing should be included. You must also enclose a copy of the original receipt as proof of date of purchase.



**USER'S MANUAL**

[www.pyleaudio.com](http://www.pyleaudio.com)

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Brooklyn, NY 11204  
1-800-444-5671  
Monday Through Thursday. 9AM to 5PM  
Friday 9AM to 1PM Eastern.

**PBTSD86**  
**Bluetooth Wireless Audio Streaming**  
**Clock Radio W/ FM Receiver & Alarm Clock**



### Compliance with FCC Regulations

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.

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.

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

### Important Safety Instructions

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

1. **Water and Moisture**  
The unit should not be used near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a set basement.
2. **Ventilation**  
The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.
3. **Heat & Flame**  
The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.  
No naked flame sources, such as lighted candles, should be placed on the apparatus.
4. **Power Source**  
The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.  
Where the AC/DC Adaptor is used as the disconnect device, the disconnect device shall remain readily operable.
5. **Power Cord Protection**  
Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. It is always best to have a clear area from where the cord exits the unit to where it is plugged into an AC outlet.
6. **Cleaning**  
The unit should be cleaned only as recommended. See the section "Care and Maintenance" of this manual for cleaning instructions.
7. **Object and Liquid Entry**  
Care should be taken so that objects do not fall and liquids are not spilled into any openings or vents located on the product. It shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
8. **Attachments**  
Do not use attachments not recommended by the product manufacturer.
9. **Lightning and Power Surge Protection**  
Unplug the unit from the wall outlet and disconnect the periods of time. This will prevent damage to the product due to lightning and power-line surges.
10. **Overloading**  
Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire of electric shock.
11. **Damage Requiring Service**  
This unit should be serviced by qualified service personnel when:
  - A. The power supply cord or plug has been damaged.
  - B. Objects have fallen into or liquid has been spilled into the enclosure.
  - C. The unit has been exposed to rain.
  - D. The unit has been dropped or the enclosure damaged.
  - E. The unit exhibits a marked change in performance or does not operate normally.
12. **Periods of Nonuse**  
If the unit is to be left unused for an extended period of time, such as a month or longer, the power cord should be unplugged from the unit to prevent damage or corrosion.
13. **Servicing**  
The user should not attempt to service the unit beyond those methods described in the user's operating instructions. Service methods not covered in the operating instructions should be referred to qualified service personnel.

## Features

Thank you for purchasing the Bluetooth Speaker System with Alarm Clock Radio. The model incorporates following features:

- Playback iPad /iPhone/iPod Touch music through Bluetooth technology
- Clock with 12/24 hours display format selection
- Alarm timer function
- Alarm wake up to Buzzer, FM radio with Snooze function
- Sleep timer function
- FM radio receiver
- With 20 FM radio preset stations
- LCD display with dimmer function
- Audio line-in for connecting other digital audio player
- Preset EQ and Bass boost function
- Luxury Mood light

iPad, iPhone and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

iPad, iPhone and iPod models are not included.

## Installation

### Clock / Memory battery back-up

For the unit has been worked for a very long period, where the backup battery voltage may discharge to a low level which cannot backup the clock and radio preset station data. In this case you need to replace it with the fresh one.

- (1) A backup battery compartment located at rear of the main unit.
- (2) Open the battery compartment lid.
- (3) Follow the polarity diagram shown inside the compartment and install 2 x AAA (UM-4) type batteries (not included).
- (4) Close the battery compartment lid.

### Remote Control

The remote control operates on one CR2025 Lithium battery (included).

To activate the remote control, remove the insulation tab attached in the battery compartment.

### Warnings:

- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel- cadmium) batteries.
- Only batteries of the same or equivalent type as recommend are to be used.
- If the unit is not to be used for an extended period of time, remove the battery.
- Do not dispose of batteries in fire, battery may explode or leak.
- Danger of explosion if battery is incorrectly replaced.

### AC-DC Adaptor connection

The unit is powered by an external AC-DC Power Adaptor (included) with output DC12V / 2000mA.

- (1) Insert the adaptor's DC output plug into the DC IN jack at the back of the unit.
- (2) Plug the adaptor into an ac main outlet.

## Care and Maintenance

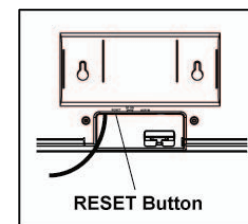
- Do not subject the unit to excessive force, shock, dust or extreme temperature.
- Do not tamper the internal components of the unit.
- Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
- Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
- Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.

### Resetting the Unit

If the unit experiences a power surge or electric shock, it is possible that the internal micro-controller may lock up and the unit will not respond to any commands from the panel controls.

In this event, use a straightened paper clip, toothpick or similar objects to press the RESET button located at rear of the unit (see the below figure). The reset operation clears the system memory and all of your previous settings will be erased.

**CAUTION: DO NOT USE SHARP, POINTED OBJECT TO PRESS THE RESET BUTTON. IT MAY DAMAGE THE RESET SWITCH INSIDE THE UNIT.**



## Technical Data

Power Adaptor: Input AC 100V - 240V ~50/60Hz  
Output DC 12V / 2000mA

Power Supply for the unit: DC 12V / 2000mA

Battery backup for clock/memory: DC 3V --- 2 x "AAA"(UM-4) type battery (not included)

Remote Control battery: DC 3V --- 1 x CR2025 Lithium battery (included)

THE SPECIFICATION AND EXTERNAL APPEARANCE OF THE SET ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.



If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive).



### Wake to Buzzer

- \* When the alarm time is reached, the alarm source indicator blinks and the buzzer alarm will sound for three minutes.
- \* It goes into auto-Snooze mode if no button has been pressed. The buzzer turns off for the snooze time (around 10 minutes) then comes on again.
- \* You may activate the snooze function after the alarm sounds by pressing the SNOOZE button. The buzzer stops for the snooze time (around 10 minutes) then comes again.
- \* The snooze operation (including auto-snooze and manual snooze) can be repeated 3 times.
- \* To cancel the snooze before it expires, press the ALARM button.
- \* To stop the alarm immediately after the buzzer sounds, you can also press the ALARM button. It resets itself for the following day.

### Wake to Radio

- \* When the alarm time is reached, the selected alarm source Radio will automatically turn on. It starts softly and gradually becomes louder. The alarm source indicator blinks.
- \* It plays for 30 minutes then shuts off and resets itself for the following day.
- \* During the activation of the alarm source, you may press the SNOOZE button to activate the snooze function. The alarm stops for the snooze time (around 10 minutes) then turns on again.
- \* The snooze operation can be repeated 3 times.
- \* To cancel the snooze before it expires, press the ALARM button.
- \* To stop the alarm immediately after the alarm sounds, you can also press the ALARM button. It resets itself for the following day.

## Sleep Timer Function

### Sleep to timer

This feature allows you to fall asleep to the radio or Bluetooth music to 120 Minutes. The unit shuts off automatically when the time expires.

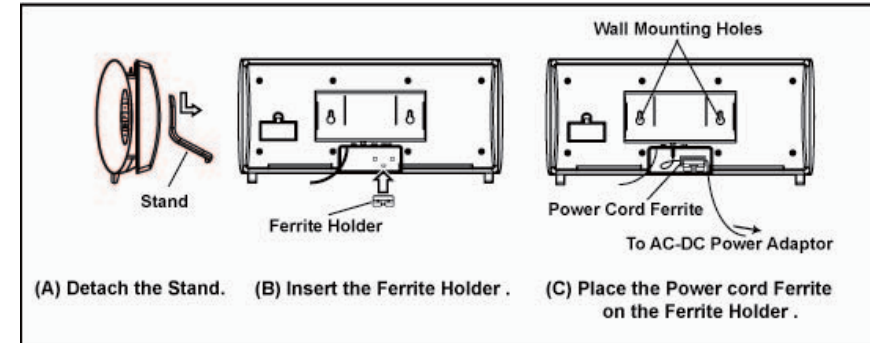
1. Press the STANDBY button to turn the unit on.
2. Either tune to the desired radio station in radio mode or playback Bluetooth music from iPad/iPhone.
3. To select the sleep timer to turn the unit off after 15, 30, 45, 60, 90 or 120 minutes, press the SLEEP button from the remote control repeatedly. The display shows the sleep time and the sleep indicator **Z<sup>z</sup>**. The unit plays for the selected length of time then automatically turns off.
4. To turn the unit off before the sleep timer counts down to zero, press the STANDBY button at any time.

#### Notes:

- \* To check the remaining sleep time, press the SLEEP button once from the remote control.
- \* If you are falling asleep to Bluetooth music from an iPad/iPhone, the sleep timer will shut off the power to this system but it will not turn off the Bluetooth device.
- \* If you are falling asleep to music from an external device connected to the AUX-IN input, the sleep timer will shut off the power to this system but it will not turn off the external device.

### Wall Mounting option

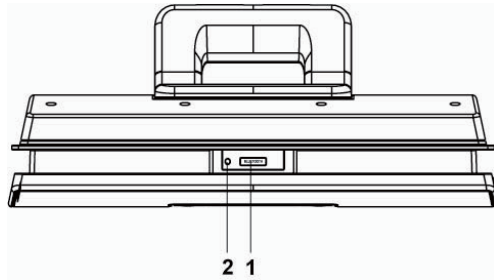
- (1) On the wall, two mounting screws (with same spacing as the main unit mounting holes) should be ready for the mounting.
- (2) Detach the Stand from the main unit.
- (3) Insert the Ferrite holder on the rear of the unit.
- (4) Place the power cord ferrite on the Ferrite holder.
- (5) Hang the unit on the wall



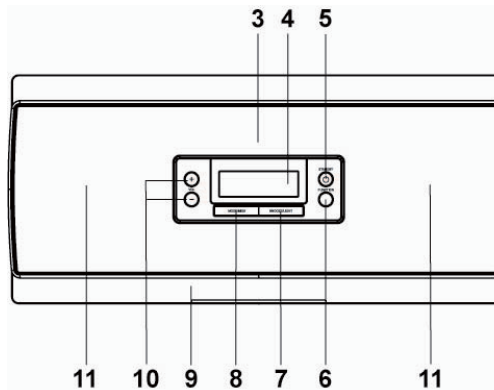
## Description of Parts

### Main Unit

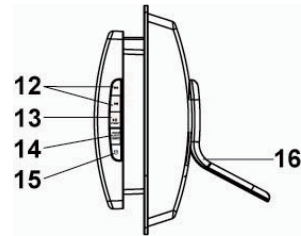
Top View



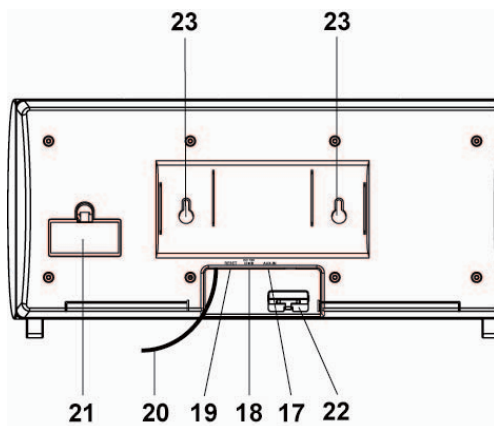
Front View



Side View



Rear View



## Clock Setting

When the unit is OFF (at standby mode):

### Set 12/24 Hour format

1. Press the MODE button until the display digits blink then entered the 12/24 hour format setting mode.
2. Press the TUN +/- ►► / ◄◄ button to select 12 or 24 hour display format.

### Set Clock

3. Press the MODE button again and the clock digits blink.
4. Press the VOL +/- button to set hour.
5. Press the TUN +/- ►► / ◄◄ button to set minute.

### Exit setting mode

6. To save all settings and exit the setting mode, press the MODE button or wait for a few seconds.

## Alarm Operation

The unit incorporates alarm function which wakes you up from Buzzer (Beep) or FM Radio.

### To select wake up alarm source

1. Turn the unit off.
2. Press and hold the ALARM ☹ button until the alarm source indicator ► BUZ / RAD blinks on display.
3. Press the TUN +/- ►► / ◄◄ button to select alarm source Buzzer or FM radio.  
To select wake to buzzer, the ► BUZ indicator blinks.  
To select wake to radio, the ► RAD indicator blinks.

### To set alarm time

4. Press the ALARM ☹ button again and the alarm digits blink.
5. Press the VOL +/- button to set alarm hour.
6. Press the TUN +/- ►► / ◄◄ button to set alarm minute.

Note: Press and hold the ►► / ◄◄ or VOL +/- button for fast advance / reverse value.

### Set maximum alarm volume level (apply for alarm source RADIO only)

7. Press the ALARM ☹ button again, maximum alarm volume level indicator "V (level digits)" blinks.
8. Press the VOL +/- button to select maximum alarm volume level, where you can select the level between 10 and 30 (inclusive).

### Save settings

9. To save settings and exit the setting mode, press the ALARM ☹ button or wait for few seconds.

### Enable daily alarm

10. Press the ALARM ☹ button to toggle between alarm enable and disable.  
To activate the daily alarm, the alarm source indicator ► BUZ / RAD should appear on the display.

Note:

- When "Wake to Radio" is selected, make sure the radio station which you want to wake to is tuned.

## Auxiliary Input

This unit provides an auxiliary audio signal input for connecting external audio devices.

1. Remove the Ferrite holder at rear of the unit.
2. Connect an audio cable with 3.5mm stereo plug to the AUX-IN Jack located at the back of the unit.
3. Connect the other end of the cable to a Line Out Jack or Headphone Jack of your external audio device.
4. Turn on the external audio device.
5. To select auxiliary audio input, press the FUNCTION button until the "AUX" indicator displays.
6. The volume level can now be controlled through the main unit. Operate all other functions on the auxiliary device as usual.

Note:

-If you're connected the Line Out Jack of your external device then you only need to adjust the volume control of this unit. If you're connected the Headphone Jack of your external device, then you may need to adjust both the volume control of your external device and the volume control of this unit to find the most desirable volume setting.

-Press the STANDBY button turning off the unit when you finish listening. Don't forget to switch off the power of your external device as well.

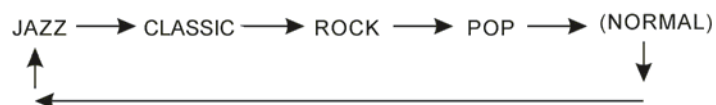
## Presets EQ, Bass/Treble and Bass Boost

### (A) Preset EQ

The unit provides 4 preset EQ settings for your selection.

In either radio, AUX (auxiliary) or Bluetooth mode:

- To select the preset EQ, press the EQ button from the remote control.
- Each press of the EQ button will scroll through following selection.



### (B) Bass / Treble

Press and hold the EQ button, the "BASS" indicator will display. Press the TUN +/- ►► / ◀◀ button for increase or decrease bass level. Press EQ button again, "TRE" indicator displays. Press the TUN +/- ►► / ◀◀ button for increase or decrease treble level.

### (C) Bass Boost function

If necessary, you may select the bass boost effect by pressing the DBBS button from the remote control.

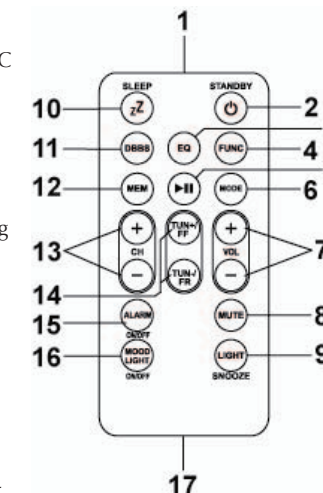
- Whilst the bass boost is on and the "BASS" indicator displays.
- Each press of the DBBS button will toggle between ON and OFF of the bass boost effect. Select your favour.

Note: Either one of the above mentioned modes [(A), (B) or (C)] can be activated at a time.

1. BLUETOOTH button ----- Press to pair iPad/iPhone (Bluetooth connection).
2. Bluetooth LED indicator
3. Remote Control Infrared Sensor
4. LCD display
5. STANDBY button ----- Turn the unit on and off.
6. FUNCTION button ----- Select FM radio stereo / mono, Bluetooth or AUX (Auxiliary) mode.
7. SNOOZE / LIGHT button ----- Activate the snooze function; Select display Dim / Bright.
8. MODE / MEM button -----  
At standby mode: Select different setting mode (12/24 hours display format, clock).  
In FM radio mode: Save preset radio station.
9. Mood Light Bar
10. VOL +/- button ----- Adjust volume level up and down; Set clock / alarm hour.
11. Speakers
12. ►► / ◀◀ button -----  
At standby mode: Set clock / alarm minute.  
In radio mode: Tune the radio frequency up / down.  
In Bluetooth mode: Skip tracks Forward / Backward.
13. ►|| / PRESET button -----  
In radio mode: Enter preset radio channel mode.  
In Bluetooth mode: Play / Pause iPod (iPad/iPhone) music.
14. MOOD LIGHT ON/OFF button ----- Turn the mood light on/off.
15. Alarm button ----- Enter alarm setting mode; Turn the alarm on/off.
16. Stand
17. AUX-IN jack ----- Auxiliary audio signal input.
18. DC-IN jack ----- For the connection of external DC power supply.
19. RESET button ----- For resetting the unit.
20. FM antenna wire
21. Clock/Memory backup battery compartment
22. Ferrite holder ----- For wall mounting, hold the ferrite (close to the DC-in plug) of the power adaptor.
23. Mounting holes ----- For desk top stand or wall mounting

## Remote Control

1. Infrared Transmitter
2. STANDBY button ----- Turn the unit on and off.
3. EQ button ----- Select preset EQ effect.
4. FUNC (function) button ----- Select FM stereo/mono radio, Bluetooth or AUX (Auxiliary) mode.
5. ►|| button ----- Play / Pause iPod (iPad/iPhone) music.
6. MODE button ----- Select different setting mode (12/24 hours display format, clock).
7. VOL +/- button ----- Adjust volume level up and down; Set clock / alarm hour.
8. MUTE button ----- Mute the volume.
9. SNOOZE / LIGHT button ----- Activate the snooze function; Select display Dim / Bright.
10. SLEEP button ----- Select the time duration of the sleep timer.
11. DBBS button ----- Select bass boost effect.
12. MEM button ----- Save preset radio station.
13. CH +/- button ----- Select preset radio channel (station).
14. TUN+ / FF and TUN - / FR button -----  
At standby mode: Set clock / alarm minute.  
In radio mode: Tune the radio frequency up / down.  
In Bluetooth mode: Skip tracks Forward / Backward.
15. ALARM ON/OFF button ----- Enter alarm setting mode; Turn the alarm on / off.
16. MOOD LIGHT ON/OFF button ----- Turn the mood light on/off.
17. Battery Compartment



## Bluetooth Operation

The unit playback iPad/iPhone/iPod Touch music through Bluetooth operation.

### Note:

The unit is designed mainly for Bluetooth pairing Apple device, like iPad, iPhone and iPod Touch.

You may try other brand of smart phone/ mobile device which has Bluetooth function. Although some of the earlier mobile phone models which have Bluetooth function, it may not compatible with this unit.

Before you did the Bluetooth pairing/connection, following information will help:

(A) Whilst the unit is searching for Bluetooth device (e.g. iPhone), the Bluetooth LED indicator will blink fast.

Whilst the unit paired with a Bluetooth device (e.g. iPhone), the Bluetooth LED indicator will blink slowly.

(B) The Bluetooth device name of this model: **NTX**


For the mobile phone/device with Bluetooth version V2.1 and above:

----- No PIN is required for Bluetooth connection to this model.




For the mobile phone/device with Bluetooth version V2.0 and below:

----- The PIN is "0000" for Bluetooth connection to this model

### Bluetooth pairing/connection

1. Press the STANDBY  button to turn on the unit.
2. Press the FUNCTION button to select Bluetooth mode. The "bt" indicator displays.
3. The unit will search neighbouring Bluetooth device and the Bluetooth LED indicator will blink fast.
4. From the iPad/iPhone/iPod Touch, turn on its Bluetooth function and it will also search for the neighbouring Bluetooth device.
5. From the Bluetooth device list of your iPad/iPhone/iPod Touch, tap on Bluetooth device name "NTX" of this model for the connection (PIN is not required). In case it prompts for the PIN, please enter "0000".
6. Once the Apple device is paired with the unit, the Bluetooth LED indicator will blink slowly.

### Playback iPad/iPhone/iPod Touch music

7. Playback your iPad/iPhone/iPod Touch music.
8. You may adjust both the volume control of your Apple device and the volume control of this unit to find the most desirable volume setting.
9. From the remote control you may press:
  - (a) the  button to Play / Pause iPad/iPhone/iPod Touch music.
  - (b) the FF / FR button (or  /  button on the main unit) to skip tracks forward / backward.
  - (c) the MUTE button to mute the volume.

### Note:







- (A) Auto-pairing/connection : With your mobile device is paired, in the case of (i) pressing the FUNCTION button a round trip back to the Bluetooth mode or (ii) turn the unit off and on again, the unit will auto-pair with the previously connected mobile device.
- (B) Manual pairing/connection : In the case you would like to pair/connect other mobile device, in Bluetooth mode, press the BLUETOOTH button to wait for Bluetooth device pairing then implement steps 3 to 9 above.

## Radio Tuner Operation

### FM Antenna

Fully extend the FM antenna wire for the best FM radio reception.

### Radio Tuning

1. Press the STANDBY  button to turn on the unit.
2. Press the FUNCTION button to select FM radio Stereo or Mono receiving mode, where the stereo indicator "  FM" and mono indicator "FM " display respectively.
3. To manually tune to a desired station, repeatedly press the TUN +/-  /  button.
4. To automatically search for stations with strong signals, press and hold the TUN +/-  /  button until the frequency digits on display begins to scan then release the button. The tuner will stop on the first strong signal it finds.


### Notes:

- Manual tune to select weaker stations that might be skipped during automatic tuning.
- If the automatic tuning does not stop on the exact frequency of the station, for example, it stops on 88.9 MHz instead of 88.8 MHz, use the manual tuning method to "fine tune" to the exact frequency of the desired station.






### Radio Preset Stations

The unit allows you to store up to 20 FM stations for easy recall at any time.

### Auto-preset

1. Press the STANDBY  button to turn on the unit.
2. Press the FUNCTION button to select FM radio mode.
3. Press and hold the MEM button for auto-preset. The tuner will automatically scan for stronger stations from low frequency to high frequency and then store them in the preset channels.




### Manual preset

1. Press the STANDBY  button to turn on the unit.
2. Press the FUNCTION button to select FM radio mode.
3. Tune to the radio station you want to store in memory by pressing the TUN +/-  /  button.
4. Press the MEM button. The preset channel number appears on display and blinks.
5. To select desired preset station number, press the  /  button from the main unit or the CH +/- button from the remote control.
6. To confirm preset location, press the MEM button.
7. Repeat steps 3 to 6 to store other stations, if apply.

### Notes:

- There is a few seconds delay when programming, after this delay time, the unit will automatically switch back to normal tuner mode.
- You can overwrite a preset station by overwriting and storing the new frequency in its place.

### Recalling Preset Station

1. Press the STANDBY  button to turn on the unit.
2. Press the FUNCTION button to select FM radio receiving mode.
3. To select desired preset station, press the PRESET button then the  /  button from the main unit or press the CH +/- button from the remote control.