

ENVIRONMENTAL PROTECTION



Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging.

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.

	WARNING Risk of electric shock Do not open!	
Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.		



This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.



This symbol indicates the presence of important operating and maintenance instructions for the device.

Safety, Environmental and Setup Instructions

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- Do not open the device. **RISK OF ELECTRIC SHOCK!** Refer opening and servicing to qualified personnel.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
- Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!!
Return the batteries to your dealer or to collection points in your community.
- Keep batteries away from children. Children might swallow batteries.
- Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION: Danger of explosion if battery is incorrectly replaced
Replace only with the same or equivalent type



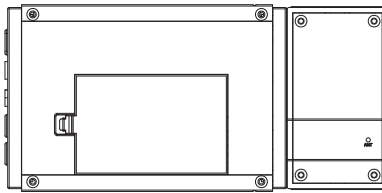
Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recycling - no matter whether or not the batteries contain harmful substances *).

Return batteries free of charge to public collection points in your community or to shops selling batteries of the respective kind.

Only return fully discharged batteries.

*) marked Cd = cadmium, Hg = mercury, Pb = lead

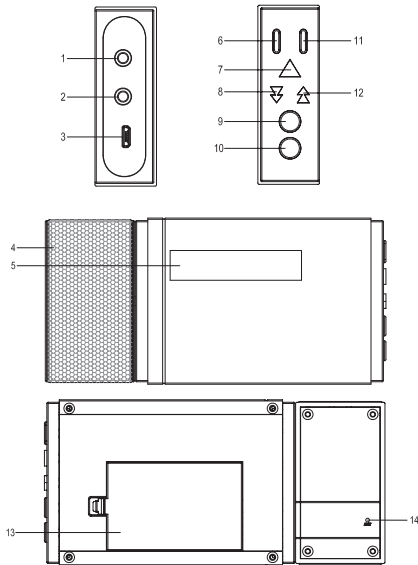
POWER SOURCES



This appliance has an rechargeable battery. Use the USB cable to connect appliance to your USB device or computer to charge the appliance battery. Make sure that the connecting cable is fully inserted into the appliance.

LOCATION OF CONTROL

- 1.) PHONE JACK
- 2.) SPEAKER JACK
- 3.) CHARGE INLET
- 4.) SPEAKER BOX
- 5.) LCD DISPLAY
- 6.) MODE
- 7.) PLAY
- 8.) SKIP-
- 9.) VOLUME+
- 10.) VOLUME-
- 11.) PRESET
- 12.) SKIP+
- 13.) BATTERY COMPARTMENT
- 14.) ANTENNA



FM OPERATION

1. Press and hold the "▶" button 2 seconds to switch on the unit.
2. Press and hold the "MODE" button 2 seconds to switch FM mode or DAB mode.
3. Press and hold the "▶" button 2 seconds to switch off the unit in all modes.
4. Press the "⏪" or "⏩" button to adjust volume level.

Notes: As the ear phone wires are used for antenna, please connect ear phone plug to unit before DAB or FM operation.

AUTOMATIC TUNING

1. Press and hold the "MODE" button 2 seconds to select FM mode.
2. Press and hold the "◀◀" or "▶▶" button 2 seconds to start automatic tuning process.
3. When a station is tuned in the tuning process, it will stop automatically and you can listen to your desired station.
4. Press the "▶" button to stop playing temporarily and press again to resume playing

MANUAL TUNING

It is for selecting stations, which cannot be tuned automatically.(manual selection)

To tune a channel manually:

1. Press and hold the "MODE" button 2 seconds to select FM mode.
2. Press the "◀◀" or "▶▶" button to select station.
3. Each time the "◀◀" or "▶▶" button is pressed momentarily (0.5 second or less), the frequency changes by a fixed step: 0.05MHz.

MEMORY PRESET

Up to 20 stations can be presetted

1. Press and hold the "PRESET" button 2 seconds to start the preset process.
2. Display will show "Preset 1 empty".
3. Press the "◀◀" or "▶▶" button to determine the preset station number.
4. Press and hold the "PRESET" button 2 seconds to preset your desired station.
5. Once all the stations were preset, press and hold the "PRESET" button to enter preset mode.
6. Press the "◀◀" or "▶▶" button to select your preset station.
7. Press the "PRESET" button to confirm and listen to your desired station.

AUTO SCAN

This product equipped auto station scan & saving function.

1. Press and hold the "MODE" button to select FM mode.
2. Press "MODE" button again to enter FM menu.
3. Press the "◀◀" or "▶▶" button to select "STATION SCAN".
4. Press the "▶" button, unit will auto scan and save all available radio station.
5. Press and hold "PRESET" button to enter preset mode.
6. Press the "◀◀" or "▶▶" button to select your preset station.
7. Press the "PRESET" button to confirm and listen to your desired station.

FM OPERATION

FM INFO

In FM mode, press the "PRESET" button to show FM information. Each press the LCD will show below information:

1. Radio text.
2. Information (station type).
3. Signal strength.
4. Time/Date.

FM MENU

In FM mode, press the "MODE" button to enter FM menu, press the "◀◀" or "▶▶" button to select FM menu as follows:

1. Lock key
2. Audio setting
3. Station scan
4. EQ
5. Factory reset
6. SW version

---Lock key

1. In FM menu, press the "◀◀" or "▶▶" button to select "Lock key".
2. Press the "▶" button to confirm. All keys will locked.
3. Press "MODE" button and then press "▶" button to unlock.

---Audio setting

1. In FM menu, press the "◀◀" or "▶▶" button to select "Audio setting".
2. Press the "▶" button to confirm.
3. Press the "◀◀" or "▶▶" button to select "Stereo or mono" or "Mono only".
4. Press the "▶" button to confirm.

---Station scan

Please refer to AUTO SCAN.

---EQ

1. In FM menu, press the "◀◀" or "▶▶" button to select "EQ".
2. Press the "▶" button to confirm.
3. Press the "◀◀" or "▶▶" button to select EQ features as follows.
 - 1) EQ off
 - 2) Bass boost
 - 3) Jazz
 - 4) Live
 - 5) Vocal
 - 6) Acoustic
4. Press the "▶" button to confirm.

FM OPERATION

---Factory reset

1. In FM menu, press the "◀◀" or "▶▶" button to select "Factory reset".
2. Press the "▶" button to confirm. Display will show "Press 'SEL' to confirm reset".
3. Press the "PRESET" button to start reset. Display will show "Do not power off".
4. All setting will be cancelled and restore to factories setting.

---SW version

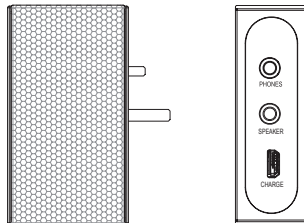
1. In FM menu, press the "◀◀" or "▶▶" button to select "SW version".
2. Press the "▶" button to confirm. Software version information will show on display.

EAR PHONE

Connects the 3.5mm headphones. Use the volume control to adjust the sound level of the PHONES jack.

SPEAKER

Plug the speaker to connect speaker jack(make sure plastic fitting in sert correctly to phone jack).



DAB OPERATION

AUTOMATIC TUNING

1. Press and hold the "MODE" button 2 seconds to select DAB mode.
2. The unit will start automatic tuning process and saving (not save in memory preset).
3. Press the "◀◀" or "▶▶" button to select your desired station and press the "▶" button to confirm.
You can listen to your desired DAB station.
4. Press the "▶" button to stop playing temporarily and press again to resume playing

MANUAL TUNE

It is for selecting stations, which cannot be tuned automatically.(manual selection)

To tune a channel manually:

1. Press and hold the "MODE" button 2 seconds to select DAB mode.
2. Press the "MODE" button to enter DAB menu.
3. Press the "◀◀" or "▶▶" button to select "Manual tune".
4. Press the "▶" button to confirm.
5. Press the "◀◀" or "▶▶" button to select DAB frequency range.
6. Press the "▶" button to confirm.
7. Press the "▶" button to select "Station scan", and then press "▶" button to confirm.
8. Press the "◀◀" or "▶▶" button to select "Local scan" or "Full scan".
9. Press the "▶" button to start scan.
10. When a station is tuned in the tuning process, it will stop automatically and you can listen to your desired station.

MEMORY PRESET

Up to 20 stations can be presetted

1. Press and hold the "PRESET" button 2 seconds to start the preset process.
2. Display will show "Preset 1 empty".
3. Press the "◀◀" or "▶▶" button to determine the preset station number.
4. Press and hold the "PRESET" button 2 seconds to preset your desired station.
5. Once all the stations were preset, press and hold the "PRESET" button to enter preset mode.
6. Press the "◀◀" or "▶▶" button to select your preset station.
7. Press the "PRESET" button to confirm and listen to your desired station.

AUTO SCAN

This product equipped auto station scan & saving function.

1. Press and hold the "MODE" button to select DAB mode.
2. Press "MODE" button again to enter DAB menu.
3. Press the "◀◀" or "▶▶" button to select "STATION SCAN".
4. Press the "▶" button, unit will auto scan and save all available radio station.
5. Press and hold "PRESET" button to enter preset mode.
6. Press the "◀◀" or "▶▶" button to select your preset station.
7. Press the "PRESET" button to confirm and listen to your desired station.

DAB OPERATION

DAB INFO

In DAB mode, press the "PRESET" button to show DAB information. Each press the LCD will show below information:

1. DLS (Scrolling text).
2. PTY (Programme Type).
3. Group Name(DAB station name)
4. Time/Date
5. DAB Frequency
6. Transfer Rate
7. Signal strength.
8. Signal error rate.

DAB MENU

In DAB mode, press the "MODE" button to enter DAB menu, press the "◀◀" or "▶▶" button to select DAB menu as follows:

1. Lock key
2. Station scan
3. Manual tune
4. EQ
5. Station Order
6. Factory reset
7. SW version

---Lock key

1. In DAB menu, press the "◀◀" or "▶▶" button to select "Lock key".
2. Press the "▶" button to confirm. All keys will locked.
3. Press "MODE" button and then press "▶" button to unlock.

---Station scan

Please refer to DAB operation: AUTO SCAN.

---Manual tune

Please refer to DAB operation: MANUAL TUNE.

---EQ

1. In DAB menu, press the "◀◀" or "▶▶" button to select "EQ".
2. Press the "▶" button to confirm.
3. Press the "◀◀" or "▶▶" button to select EQ features as follows.
 - 1) EQ off
 - 2) Bass boost
 - 3) Jazz
 - 4) Live
 - 5) Vocal
 - 6) Acoustic
4. Press the "▶" button to confirm.

DAB OPERATION**--Station order**

1. In DAB menu, press the "◀◀" or "▶▶" button to select "Station order".
2. Press the "▶" button to confirm.
3. Press the "◀◀" or "▶▶" button to select below station order method:
 - 1) Multiplex
 - 2) Alphanumeric
 - 3) Active
4. Press the "▶" button to confirm.

--Factory reset

5. In DAB menu, press the "◀◀" or "▶▶" button to select "Factory reset".
6. Press the "▶" button to confirm. Display will show "Press 'SEL' to confirm reset".
7. Press the "PRESET" button to start reset. Display will show "Do not power off".
8. All setting will be cancelled and restore to factories setting.

--SW version

3. In FM menu, press the "◀◀" or "▶▶" button to select "SW version".
4. Press the "▶" button to confirm. Software version information will show on display.

RATING: FM 87.5-108MHZ, DAB+ BAND III, 174.928-239.200MHz, POWER SOURCE & POWER CONSUMPTION

BATTERY POWER

Insert 3.7V rechargeable Lithium-ion battery into the battery compartment. Be sure that the battery are inserted correctly to avoid damage to the appliance. Routinely check the battery's charge status. Carefully monitor battery that are approaching the end of their estimated life. Please consider replacing the battery with a new one when the battery charge time increase or battery run time decrease significantly.

SPECIFICATION:
FM : 87.5-108 MHz
DAB+ BAND III, 174.928-239.200MHz
POWER INPUT:DC 5V ≍ 1000mA Li-ion battery
RECHARGEABLE BATTERY: DC 3.7V ≍ 1000mAh
SPEAKER IMPEDANCE: 4 ohm
POWER CONSUMPTION: 5W