

Operating Instructions for Digital Display FM Receiver

(Model: HRD-727)

Thank you for purchasing portable mini digital display FM receiver of our company: HRD-727. This is a small and exquisite DSP FM radio with the retro MP3 player appearance which can be easily carried. This product adopts DSP digital processing technology chip and it can receive frequency modulation signals stably. The 1.1-inch LCD display and the intuitive operation buttons bring great convenience to users.

The radio has the following function features:

- *It has two station storage modes, including the automatic station search and storage mode/ the manually and automatically station search mode.

- * It has 30 memory and storage stations

- *It has the power-off memory function;

- *Digital display function: It can display the frequency adjustment points, volume levels and station access address number.

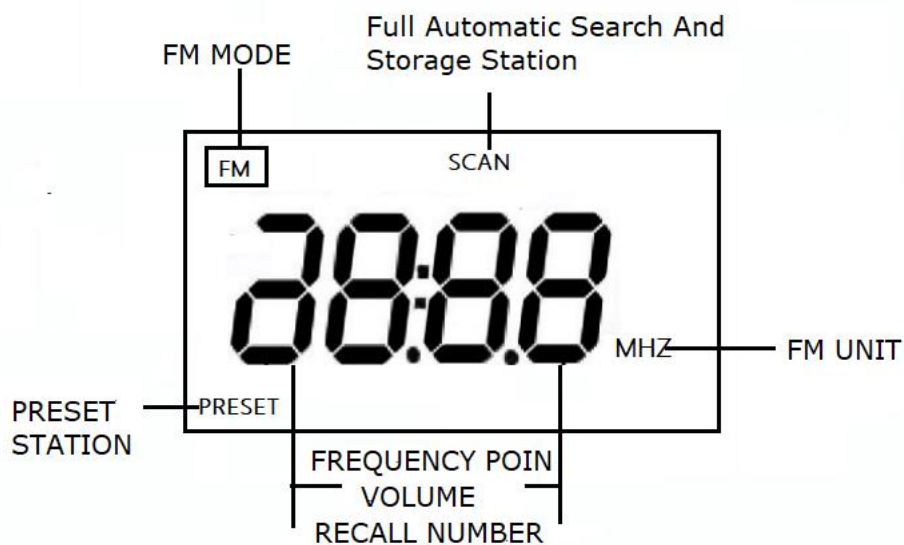
Please read this manual before your usage and keep it properly for future reference.

Standard accessories during delivery: Packaging boxes X1; instruction book X 1; hanging rope X 1; earplug X 1;

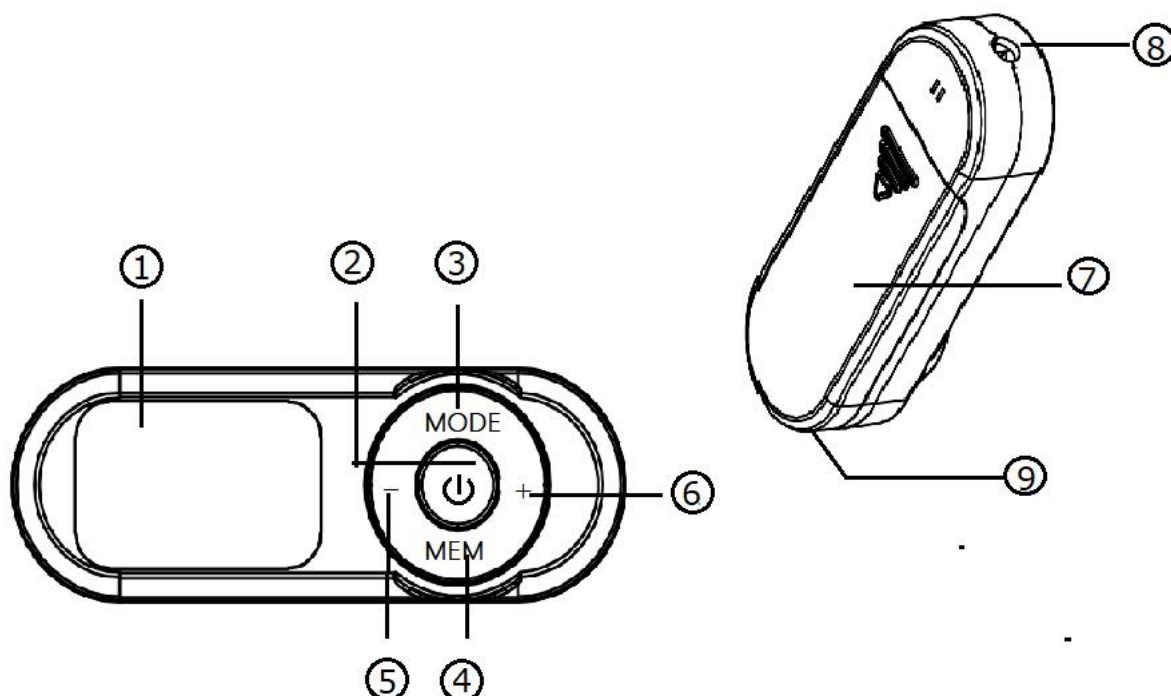
1. Product outline:




2. Description of LCD display screen symbols:



3. External view and key functions:




① LCD display

②  power on/power off



③ MODE: Automatic station search and storage/manual station selection; conversion of two tone tuning modes




④ MEM: Manually save/access the station

⑤ —: volume-, select the station-, access the station-

- ⑥ + : volume+, select the station+, access the station+
- ⑦ Battery cover
- ⑧  : 3.5MM Ear plug
- ⑨ Hanging rope

4. Function operation specification:

4.1: Press the battery cover indication: , push away the battery cover and install the two AAA batteries (2X1.5V AAA) to the radio correctly; cover the battery cover; before you use it, please insert the 3.5-mm headset to the radio headset hole “  ” (headset is the receiving antenna and microphone of the radio).

4.2: “  ” power button:
Press the power button “  ” shortly and the radio will be open; LCD will display “On” (meaning “power on”); When the machine is on, press the power button “  ” slightly and the radio will be off.

4.3: MODE: Automatic station search and storage/manual station selection, conversion of two tone tuning modes

4.3.1: Operations for full station automatic search and storage functions:

Press the MODE button for one section and the radio will enter its automatic station search and storage function:

During the full station automatic search and storage process, “FM” character will be displayed on the top left corner of the LCD and the “PRESET” (meaning “preset the station”) character will be displayed on the bottom. SCAN will flash and the frequency will be searched from the lowest frequency of 87.5MHz to 108MHz automatically. During the full station automatic search and storage process, if you press any button, all full station automatic search and storage operations will be stopped. All together 30 stations can be stored.

After the full station automatic search and storage of the above round is completed, the radio will display and broadcast the first station with signals.

4.3.2: Conversion of the manual station selection and the tone tuning mode:

Each time you slightly press MODE button, conversion of two states of “FM” character flashing and “FM” Always-On will be displayed on the top left corner of the LCD.

* When “FM” character flashes, manual + and - buttons means frequency increase and frequency reduction.

Manual station selection has two modes: manual station selection and automatic station search mode;

Manual station selection: each time you slightly press + and- button, the radio increases and decreased according to the default stepping value of 0.1MHZ.

During the automatic station search, if you press + and - button, the radio will search for stations with signals quickly; after that, it will stop searching and broadcast frequency points searched.

Users can use both of the above methods to find the station that they need quickly.

* During “FM” Always-On, you can mutually operate + and - button to increase or decrease the volume.

Radio tone tuning level: 00-15; 16 levels can be adjusted; users can adjust the volume levels of the radio according to their actual demands.

Slightly press + and - button to increase or decrease the volume step by step. Long press the + and - button and you will adjust the volume quickly.

Users can adjust the volume by using both of the above methods.

4.4: + and - button: increase or decrease stations selected; volume increase or decrease; station access number increase or decrease

* Station-tuning mode: +, - button: increase or decrease FM frequency points;

* Tone tuning mode: +, - button: increase or decrease volume;

*Station access mode: +, - button: increase or decrease station access address number

4.5: MEM Manually save/access the station

*Manually save the station: Long press MEM button and the LCD will display P01...P30 (which refers to the station address number) and the “PRESET” character will flash; press + and - buttons to select the station storage address numbers. After the station address number is selected, press MEM button again to confirm that and complete the manual station storage steps.

(Note: If you did not press MEM button to confirm that within three seconds, it will default as you have given up storing the station)

*Manually access the station: after the stations are saved, please slightly press the MEM button and the LCD will display PRESET P01...P30. Press + and - button to select the station that you need.

5. Matters needing attention:

When receiving the radio, if the radio volume becomes unstable and the display screen turns dark and there is a faint battery symbol flashing above the MHz character, it means that the battery power is already insufficient and the battery shall be changed timely.

*Hint:

- 1) Don't mix old and new batteries;
- 2) When you do not use radio for a long time, please remove the battery in time to avoid battery leakage liquid from corroding and damaging the radio.
- 3) If the battery leaks, please use a soft cloth to clean the electrolyte in the battery compartment before you install the battery.

6. Main technical parameters:

Technical indicators	
Frequency receiving range	Receiving sensitivity
FM: 87.5-108MHz	5dB
Product dimension: 80x28x20mm	
Battery: Two AAA batteries (2X1.5AAA)	
Minimum operating voltage: 2.2V	
Maximum power output: 2.4MW	
Maximum current: 26MA	
Stereo separation: $\geq 32\text{DB}$	
Distortion degree: $\leq 1\%$	
External ear plugs: $\Phi 3.5\text{MM}/32\Omega \times 2$	

FCC Statement:

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.

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