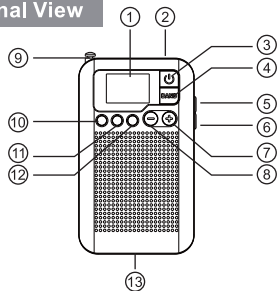




AM/FM 2 BAND DIGITAL RADIO

External View



- | | |
|---------------------------------------------------------------|------------------------------------|
| 1. Display screen | 8. Volume "-" /Time adjustment "-" |
| 2. Earphone jack | 9. Rod antenna |
| 3. Power ON/OFF / Sleep shutdown button | 10. Channel storage |
| 4. Band switch button / Power ON/ OFF lock button | 11. Stored channel "-" |
| 5. Upward tuning button | 12. Stored channel "+" |
| 6. Downward tuning button | 13. Battery box |
| 7. Volume "+" /Time adjustment "+" 9KHz/10KHz step conversion | |

Basic operation

1. Long press the power ON/OFF button(3) around 2 second, it will boot after the screen shows ON and the band frequency which will be shown in the screen is the one that you turn off last time.
2. When the power is on, press Volum "+" button (7) or Volume "-" button(8), adjust the volume to one appropriated location.
3. When the power is on, press band switch button(4) and choose to receive FM, AM band shows, In the shutdown state, long press the stepper conveision key(7) to convert AM band 9KHz/10KHz step.
4. When the power is on, long press the upward tuning button(5) or downward tuning button(6) to search the channels towards high or low frequency automatically, short press the upward tuning button(5) or downward(6) to search the channels towards high or low frequency, each time you press the button, the frequency will change once until the channel is found.
5. The channels which were found by automatic or manual search, press channel storage button(10), the stored channel will twinkle in the display screen: under this status, press the stored channel "+" (12) or stored channel "-" (11) to srlect store address, when the store address is selected, - press channel storage button(10) again to confirm store address, then this radio frequency will be stored in that address you selected.
6. When the power is on, press the band switch button(4) to select band, prss the stored channel "+" (12) or stored channel "-" (11) to select the channels which have been stored and then the radio will begin to receive this channel.

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Sleep time change rule is as follows: 90-80-70-60-50-40-30-20-10-(eliminate sleep function)

Clock time setting

The machine adopts 24 hour time format, after installing the batteries, the clock will run from 12:00 PM.

1. In shutdown state, if the timing boot indication "☞" is shown in the screen, press Time set button (10) to cancel.
 2. Long press the time mode button once, the hour number will flash, in this state, press Time adjustment button "+" (7) or Time adjustment button "-" (8) to set hour time, each time you press the button, will increase or decrease by 1 hour, if pressing the button without release, will adjust automatically by 1 hour, it will stop until you release as reaching the expected time.
 3. Press the minute mode button twice, the minute number will flash, in this state, press Time adjustment button "+" (7) or Time adjustment button "-" (8) to set minute time, each time you press the button, will increase or decrease by 1 minute, if pressing the button without release, will adjust automatically by 1 minute, it will stop until you release as reaching the expected time.
 4. If you want to revise the time, please reset it at the beginning.
- Caution:**
1. When set the hour time, it must be in the state during the hour number is flashing, otherwise it is invalid.
 2. When set the minute time, it must be in the state during the minute number is flashing, otherwise it is invalid.

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Antenna operation

1. Listening to AM radio from using the internal magnetic antenna, you can achieve the best reception by rotating the machine direction.
2. When listening to FM radio, please pull out of the rod antenna, you can achieve the best reception by changing the antenna length and direction.

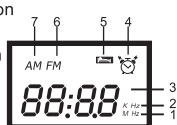
Technical specification

1. Frequency range
FM: 87-108 MHz
AM: 522-1710 KHz (9KHz stepping)
520-1710 KHz (10KHz stepping)
2. S/N Sensitivity
FM: better than 10µv
AM: better than 3mV/m
3. Single signal selection performance: better 10dB
4. SNR: >40 dB
5. Power supply: DC 3V / 2 x AAA batteries
6. Max current consumption: less than 250mA
7. Internal speaker: φ40mm 8Ω 0.5W
8. Dimension: 105x60x15mm
9. Weight: 55.2g(No battery)

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LCD screen display

1. Frequency unit indication for FM
2. Frequency unit indication for AM
3. Frequency or time indication
4. Timing boot indication
5. Sleep shut down indication
6. FM band indication
7. AM band indication



Battery Install

1. This product uses 2xAAA battery. when listening, please install the batteries into battery box strictly per the positive and negative direction which was marked in the housing.
 2. If distortion happens or volume becomes lower during listening, should replace the batteries in time. **Suggestion:** when using digital display unit, please choose high quality and energy battery or alkaline battery.
- Caution:**
1. Don't mix to use the old and new batteries or different types of batteries.
 2. In order to prevent the risk of electrolyte leakage or burst, do not attempt to recharge, heat or decompose the batteries.
 3. If not use the radio in a long time, please take out the batteries, so as to avoid battery leakage and corrode the components inside.
 4. If electrolyte leakage happens, must use soft cloth to wipe it dry and then replace new batteries.

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7. In order not to affect others' rest, please listen to the radio by using earphone, insert the earphone into the earphone jack(2), (the internal speaker will be disconnected automatically), then can listen to the radio with the earphone.
 8. When you don't want to listen, please shutdown the radio by long pressing the power ON/OFF button(3), then the time info will be shown in the screen.
- NOTE:** Long press POWER ON/OFF button to boot, no more than 3 seconds, or it will turn into sleep shutdown state.

Sleep shutdown

- This machine is equipped with automatic shutdown function for sleep timing, it will shutdown in the setting time automatically before you fall sleep so as not to waste the power source in a long time.**
1. When the power is off, press the Sleep shutdown button (3) without release, the radio will be turned on, after 3 seconds, the screen will show the sleep timing indication "☞" and sleep time "90", it means the radio is in the sleep shutdown status, and will be powered off automatically after 90mins.
 2. In the time display state of sleep shutdown, pressing Sleep shutdown button (3) can adjust the shutdown time of sleep.
 3. Adjust your sleep time, then you can listen to the favorite radio program, the radio will be shutted down automatically when reaching the shutdown time of sleep.
 4. If you want to shutdown ahead of the setting time, please press the sleep shutdown button to turn off the radio.

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Timing boot time settings

1. in shutdown state, short press time set button(10), the screen shows timing boot indication "☞" and timing boot time, it means the radio is in the timing boot state.
2. In timing shutdown state, long press time mode button(10) once, timing boot indication "☞" and "hour" number will flash in the screen, in this state, press time adjustment "+" button(7) or time adjustment-button(8) to set the hour time for timing boot.
3. In timing shutdown state, long press time mode button(10) twice, timing boot indication "☞" and "minute" number will flash in the screen, in this state, press time adjustment "+" button(7) or time adjustment-button(8) to set the minute time for timing boot.
4. When reach the timing boot time, radio will automatically boot and receive the band frequency before shutted down last time.
5. If want to shut down in advance, press the power key to turn it off.
6. If want to cancel the timing boot function, in shutdown state, press the time setting button to cancel timing boot indication in the screen.

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Lock settings

1. To avoid wrong operations, this machine is equipped with button lock function.
2. Long press the power on/off lock button (4), after 2 seconds the screen will show the lock symbol "☞", it means the radio is locked, other buttons will be without functions.
3. If want to cancel the lock function, long press that lock button (4) and cancel the lock symbol in the screen, then the function of other buttons will be recovered.

RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE



Before using this radio, read this guide which contains important operating instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulations.

This radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. RF energy, which when used improperly, can cause biological damage. All Reteless radios are designed, manufactured, and tested to ensure they meet government-established RF exposure levels. In addition, manufacturers also recommend specific operating instructions to users of the radios. These instructions are important because they inform users about RF energy exposure and provide simple procedures on how to control it. Please refer to the following websites for more information on what RF energy exposure is and how to control your exposure to assure compliance with established RF exposure limits: <http://www.who.int/en/>

Local Government Regulations

When radios are used as a consequence of employment, the Local Government Regulations requires users to be fully aware of and able to control their exposure to meet occupational requirements. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your Reteless radio has a RF Exposure Product Label. Also, your Reteless user manual, or separate safety booklet includes information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

Radio License (if appropriate)

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Governments keep the radios in classification, business radios operate on radio frequencies that are regulated by the local radio management departments (FCC, ISED, OFCOM, ANFR, BFTK, Bundesnetzagentur...). To transmit on these frequencies, you are required to have a license issued by them. The detailed classification and the use of your radios, please contact the local government radio management departments. Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Unauthorized modification and adjustment

Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority granted by the local government radio management departments to operate this radio and should not be made. To comply with the corresponding requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management departments equipment authorization for this radio could violate the rules.

FCC Requirements:

•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.

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•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.

CE Requirements:

•(Simple EU declaration of conformity) Henan Eshow Electronic Commerce Co., Ltd declares that the radio equipment type is in compliance with the essential requirements and other relevant provisions of RED

Directive 2014/53/EU and the ROHS Directive 2011/65/EU and the WEEE Directive 2012/19/EU; the full text of the EU declaration of conformity is available at the following internet address: www.retekess.com.

Disposal

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.

IC Requirements:

Licence-exempt radio apparatus. This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (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'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Information

•DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the

manufacturer or an antenna specifically authorized by the manufacturer for use with this radio, and the antenna gain shall not exceed the specified gain by the manufacturer

- DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.
- During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so.
- The device complies with RF specifications when the device used at 5mm from your body. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.
- DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.

Avoid Choking Hazard



Small Parts. Not for children under 3 years.

Protect your hearing:

- Use the lowest volume necessary to do your job.
- Turn up the volume only if you are in noisy surroundings.
- Turn down the volume before adding headset or earpiece.
- Limit the amount of time you use headsets or earpieces at high volume.



- When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear
- Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.



Note:Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the your hearing. The louder the radio's volume, the less time is from loud noise is sometime undetectable at first and can have a cumulative effect.

Avoid Burns

Antennas

•Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with the skin when the radio is in use, a minor burn can result.

Batteries (if appropriate)

•When the conductive material such as jewelry, keys or chains touch exposed terminals of the batteries, may complete an electrical circuit (short circuit the battery) and become hot to cause bodily injury such as burns. Exercise care in handling any battery, particularly when placing it inside a pocket, purse or other container with metal objects .

Long transmission

•When the transceiver is used for long transmissions, the radiator and chassis will become hot.

Safety Operation

Forbid

- Do not use charger outdoors or in moist environments, use only in dry locations/conditions.
- Do not disassemble the charger, that may result in risk of electrical shock or fire.



- Do not operate the charger if it has been broken or damaged in any way.
- Do not place a portable radio in the area over an air bag or in the air bag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the air bag inflates.

To reduce risk

- Pull by the plug rather than the cord when disconnecting the charger.
- Unplug the charger from the AC outlet before attempting any maintenance or cleaning.
- Contact Retekeess for assistance regarding repairs and service.
- The adapter shall be installed near the equipment and shall be easily accessible
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- Adapter shall be installed near the equipment and shall be easily accessible.
- The plug considered as disconnect device of adapter.
- The operating temperature of the EUT can't exceed the specified range.

Approved Accessories

•This radio meets the RF exposure guidelines when used with the Retekeess accessories supplied or designated for the product. Use of other accessories may not ensure compliance with the RF exposure guidelines and may violate regulations. •For a list of Retekeess-approved accessories for your radio model, visit the following website: <http://www.Retekess.com>



EU Importer:
Name: Germany Retevis Technology GmbH
Address: Uetzenacker 29,38176 wendeburg

Guarantee

Model Number: _____
 Serial Number: _____
 Purchasing Date: _____
 Dealer: _____ Telephone: _____
 User's Name: _____ Telephone: _____
 Country: _____ Address: _____
 Post Code: _____ Email: _____

Remarks:

1. This guarantee card should be kept by the user, no replament if lost.
2. Most new products carry a two-year manufacturer's warranty from the date of purchase.
3. The user can get warranty and after-sales service as below:
 - Contact the seller where you buy.
 - Products Repaired by Our Local Repair Center
4. For warranty service, you will need to provide a receipt proof of purchase from the actual seller for verification

Exclusions from Warranty Coverage:

1. To any product damaged by accident.
2. In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs.
3. If the serial number has been altered, defaced, or removed.



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