



ORIGINAL INSTRUCTIONS
18V ONE+ Radio

R18R



Important!

It is essential that you read the instructions in this manual before assembling, operating and maintaining the product.

Subject to technical modifications.



Safety

Safety, performance, and dependability have been given top priority in the design of your radio.

INTENDED USE

The product is intended for:

- listening to FM/AM radio, MP3 players, and other audio devices
- charging USB capable devices
- streaming audio from BLUETOOTH® enabled devices

Do not use the product in any way other than those stated for intended use.

GENERAL SAFETY WARNINGS

WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

- Do not use the product near water.
- Clean only with dry cloth. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean the product. Following the rule will reduce the risk of loss of control and deterioration of the enclosure plastic.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not place the product in closed bookcases or racks without proper ventilation. Allow a minimum distance of 5 cm from any foreign object.
- Do not place product near any heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- Only use attachments and accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged in any way, liquid has been spilled or objects have fallen into the product, the product has been exposed to rain or moisture, does not operate normally, or has been dropped.
- When servicing the product, use only manufacturer's replacement parts, accessories and attachments. Follow instructions in the Maintenance section of the manual. Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of shock or injury.

- Know your product. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to the product. Following the rule will reduce the risk of electric shock, fire, or serious injury.
- Do not operate the product in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. The product may create sparks that may ignite the dust or fumes.

ELECTRICAL SAFETY

- A battery operated product with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- Use battery operated product only with specifically designated battery pack. Use of any other batteries may create a risk of fire.
- Use 18 V lithium-ion battery packs.

WARNING

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

PERSONAL SAFETY

- Do not use the product to listen to music or other audio programs while operating machinery. Doing so may cause distractions that could result in serious personal injury.
- The product is capable of producing sound levels that can be dangerous to long-term hearing. Listening to music at high volume for any period of time may cause noise-induced hearing loss. The higher the volume, the less time required before your hearing may be affected.

PRODUCT USE AND CARE

- When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause sparks, burns, or a fire.
- Keep the product dry, clean and free from oil and grease. Always use a clean cloth when cleaning.
- Battery products do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery product or when changing accessories.



Safety

Following the rule will reduce the risk of electric shock, fire, or serious personal injury.

- Do not place battery products or their batteries near fire or heat. This will reduce the risk of explosion and possibly injury.
- Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- Do not charge battery product in a damp or wet location. Following the rule will reduce the risk of electric shock.
- For best results, your battery product should be charged in a location where the temperature is more than 10°C (50°F) but less than 38°C (100°F). To reduce the risk of serious personal injury, do not store outside or in vehicles.
- Risk of uncontrolled situations when used in ambient temperatures below 0°C (32°F) or above 40 °C (104°F).
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following the rule will reduce the risk of serious personal injury.
- To reduce the risk of personal injury and electric shock, the product should not be played with or placed where small children can reach it.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone this product, loan them these instructions also.
- Do not dispose of used battery packs in the household refuse or by burning them. Take them to an appropriate disposal/collection site.

TRANSPORTING LITHIUM BATTERIES

Transport the battery in accordance with local and national provisions and regulations.

Follow all special requirements on packaging and labelling when transporting batteries by a third party. Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, non-conductive caps

or tape. Do not transport batteries that are cracked or leaking. Check with the forwarding company for further advice.

ASSEMBLY

⚠ WARNING

Do not use the product if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled or with damaged or missing parts could result in serious personal injury.

⚠ WARNING

Do not attempt to modify the product or create accessories or attachments not recommended for use with the product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

OPERATION

⚠ WARNING

Do not allow familiarity with the product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING

Always remove the battery pack from the product when you are assembling parts, cleaning, or when not in use. Removing these energy sources will prevent accidental starting that could cause serious personal injury.

⚠ WARNING

The product is not waterproof. Do not submerge in liquid. Failure to heed this warning could result in serious personal injury.

CAUTION

Always refer to the manual for any device recommended for use as an attachment or accessory. Proper use of any device, when attached to the product, is the sole responsibility of the operator. Improper use may damage the device or the product.



WARNING

The product is capable of producing sound levels that can be dangerous to long-term hearing. Listening to music at high volume for any period of time can cause noise-induced hearing loss. The higher the volume, the less time required before your hearing could be affected.

INSTALLING/REMOVING AAA BATTERIES

See page 8.

It is advisable to write down saved channels before replacing the AAA batteries.

There is a 15-second time frame for replacing the AAA batteries. If the batteries are not replaced within 15 seconds, the product will lose all settings previously stored in memory, and they will require reprogramming.

Always use new alkaline batteries for replacement.

1. Remove the battery pack, if installed.
2. Loosen the screw in the battery door. Remove the door and set aside.
3. Install two new AAA batteries according to polarity indicators inside the battery compartment.

NOTE: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.

4. Replace the battery cover and tighten screw to secure.

INSTALLING/REMOVING BATTERY PACK

See page 8 and 9.

To install battery pack:

1. Place the battery pack in the product, aligning the rib on the battery pack with the groove in the battery port.
2. Make sure the latches on the battery pack snap into place and the battery pack is secured to the product before beginning operation.

3. Depress the latches to remove the battery pack.

NOTE: Always remove battery pack from radio when not in use.

FOLD-DOWN FLEXIBLE ANTENNA

To decrease interference or electrical noise, extend the antenna or move the product to a higher elevation. The antenna folds down and out of the way when not in use.

LCD DISPLAY

When a battery pack is installed and the product is in the ON position, the LCD display will show the time, frequency, mode, and settings. When the battery pack is removed and AAA batteries are installed, the LCD display will display the time only.

NOTE: The illustrations of the LCD display shown in the manual are only examples of the frequencies you may see on your radio and are not the exact frequencies that you may choose to listen to.

MENU NAVIGATION BUTTONS

Use the menu navigation buttons to turn the product on and off, control the volume, change frequencies, toggle between modes and set the time.

TURNING THE PRODUCT ON AND OFF

See page 10.

- Press  to turn the product on and off.

NOTE: When the product is on and a battery pack is installed, the battery symbol will be shown in the LCD display. If the battery charge is low, a flashing low battery indicator will be displayed.

MODE SELECTION

See page 10.

- Press  to cycle through available modes.

There are four modes to choose from:

- FM mode
- AM mode
- AUX mode
- BLUETOOTH® mode

NOTE: When turned on, the product will return to the last mode that was used if the battery was not disconnected. In the event power is lost to the product, the display will default to FM mode.

ADJUSTING THE VOLUME

See page 10.

When the product is turned on, the product will return to the last volume setting used.

- To increase the volume, press .
- To decrease the volume, press .

FM/AM TUNING

See page 11.

Use  and  to tune to the desired radio frequency. The



Safety

selected frequency is displayed on the LCD.

To tune frequency manually:

Briefly push either ◀ or ▶ (not press and hold) to tune one frequency step at a time.

1. Press and release ◀ to tune to a lower frequency.
2. Press and release ▶ to tune to a higher frequency.

To tune frequency automatically:

1. Press and hold ◀ or ▶ to tune frequency automatically.
2. Press ◀ or ▶ to stop scanning and select a frequency.
To decrease interference or electrical noise, adjust the position of the antenna or move the product to a higher elevation.

STORING A PRESET IN MEMORY

See page 12.

The memory feature saves up to 20 frequencies as presets in the product's memory. You can save up to 10 frequencies each for FM and AM modes.

Tune to the desired FM or AM frequency.

1. Press and hold **PRESET** until "MEMORY" and the preset position number flash on the screen.
2. Press ◀ and ▶ to choose a preset position number.
NOTE: There are 10 preset positions for FM and 10 for AM. Only one station can be saved in each preset position.
3. Press **PRESET** again to store the frequency.

To tune to presets (fm or am mode):

- Press and release **PRESET** to cycle through each preset position number and its associated frequency.

EQUALIZER FUNCTION

To adjust the bass and/or treble settings:

1. Press and hold **MODE** until "b" (BASS) is displayed. Press again and "t" (TREBLE) is displayed.
2. Press + or - until the desired bass or treble level (-5 to 5) is achieved. Press **MODE** to store your selection.

SETTING THE CLOCK

See page 13.

1. Press and hold **CLK/DPY** until the hour time blinks.

2. Press + or - to select the hour.

NOTE: Time is displayed in 12-hour format only. To select an hour that is afternoon and before midnight, cycle the hours until "PM" appears in the display.

3. Press and release **CLK/DPY** to lock in the hour setting. Minute time blinks.
4. Press + or - to select the desired minute.
5. Press and release **CLK/DPY** again to confirm the time.

USING A PHONE/MP3 PLAYER (NOT INCLUDED) WITH THE PRODUCT

See page 14.

NOTE: The retainer strap may be used to secure the device into position.

1. Press **MODE** until AUX mode is highlighted.
2. Connect auxiliary cable (not included) to the device.

NOTE:

- The phone/MP3 player must be on and in play mode for sound to be heard through the speakers.
 - All phone/MP3 player controls can be used normally while connected to radio.
 - Volume for any device connected through the auxiliary cable can be adjusted using the volume control for that device or by using + or - of the product.
 - Turning the product off will not turn the phone/MP3 player off.
 - The auxiliary cable does not provide charging function.
3. For complete operating instructions for the connected device, always refer to the manual that was included with your device.

USING A BLUETOOTH® ENABLED DEVICE (NOT INCLUDED) WITH THE PRODUCT

See page 15.

1. Press **MODE** until the BLUETOOTH® mode is highlighted.

NOTE:

- When the product is switched to BLUETOOTH® mode, the product will attempt to pair to a BLUETOOTH® enabled device and "bt" will flash in the LCD display.
- The product will automatically attempt to connect to the last device it was paired to. If a connection cannot be established within five seconds, the product will make itself available to other



Safety

BLUETOOTH® enabled devices.

- BLUETOOTH® enabled devices must be within 10m (33 ft.) of the product and set to search/scan in order to pair with the product.
2. Select “RYOBI Radio” from your device's list of available BLUETOOTH® signals to pair the device and the product. No password or PIN is required for connection.
- NOTE:**
- When the device has successfully paired with the radio, “bt” will stop flashing.
 - When a device is paired to the product, information for connecting to the device is saved in the radio's memory.
3. Press ◀ and ▶ to go to the previous or next track when streaming audio from a BLUETOOTH® enabled device.
 4. Press and release **PRESET** to cycle between pausing and playing the audio.

NOTE:

- These controls may not be supported by the BLUETOOTH® device and application.
- All BLUETOOTH® enabled device controls can be used normally while paired to the product.
- Volume for any device paired to the product can be adjusted using the volume control for that device or by pressing **+** or **-** on the product.

5. Press and hold **PRESET** to disconnect the all BLUETOOTH® enabled device.

NOTE: When the device is disconnected, “bt” will begin flashing in the LCD display and the product will begin searching for another device.

USING THE USB DEDICATED CHARGING PORT

See page 16.

The USB dedicated charging port provides charging power of 5 Volts DC at up to 1 Amp for your cell phone, MP3 player, or other USB devices.

CAUTION

Attempting to charge devices rated more than 1 Amp, such as a tablet, could damage the USB dedicated charging port and/or the device.

1. Connect one end of a USB cable (not provided) to your USB device.

2. Connect the other end of the USB cable (not provided) to the USB dedicated charging port to begin charging the device.

NOTE: The USB dedicated charging port provides power only; it does not provide any data communication capabilities.

WARNING

Attempting to charge devices rated more than 1 Amp, such as a tablet, could damage the USB dedicated charging port and/or the device.

MAINTENANCE

- Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and can be damaged by their use. Use dry cloths to remove dirt, dust, oil, grease, etc.

WARNING

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which could result in serious personal injury.

When servicing, use only original manufacturer's replacement parts. Use of any other part could create a hazard or cause product damage.

ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing of as waste. The product, accessories and packaging should be sorted for environmental-friendly recycling.

SYMBOLS



Safety Alert



CE conformity



Regulatory Compliance Mark (RCM). Product meets applicable regulatory requirements.



Safety



Please read the instructions carefully before starting the product.



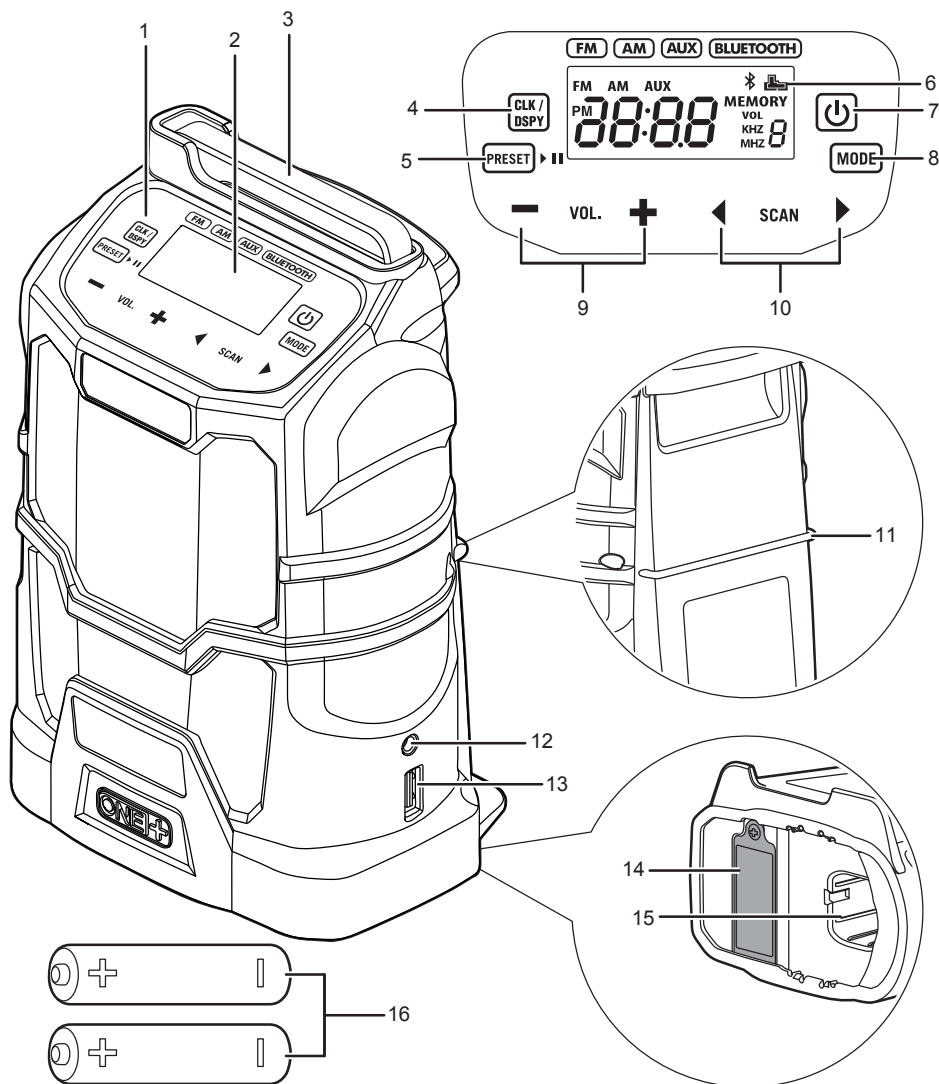
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



Know your product

1. Touch pad controls
2. Digital display
3. Antenna
4. Clock / display button
5. Preset
6. Low battery indicator
7. On / Off button
8. Mode

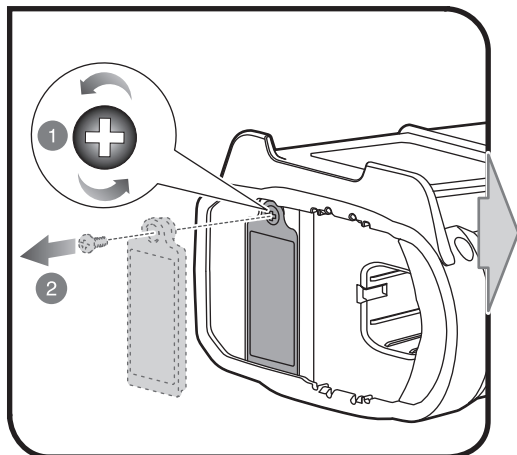
9. Volume buttons
10. Scan button
11. Retainer strap
12. Auxiliary jack
13. USB charging port
14. Battery cover
15. Battery port
16. AAA batteries



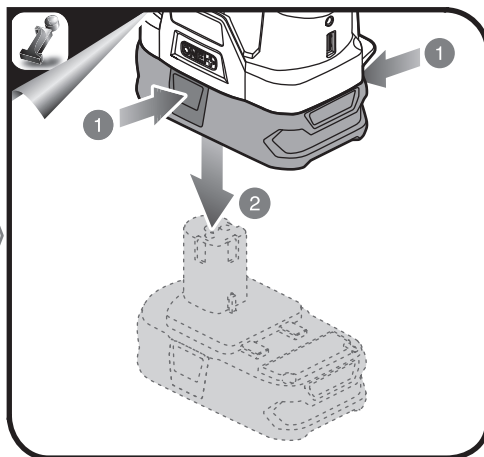
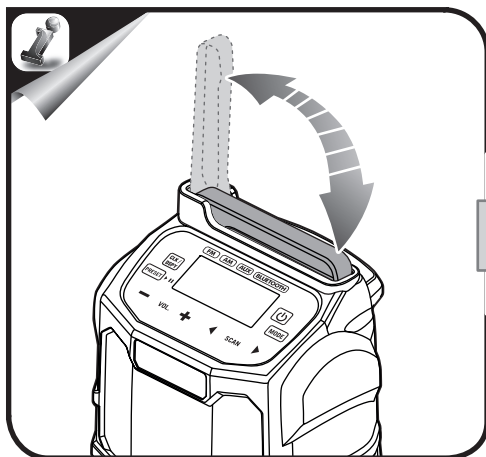
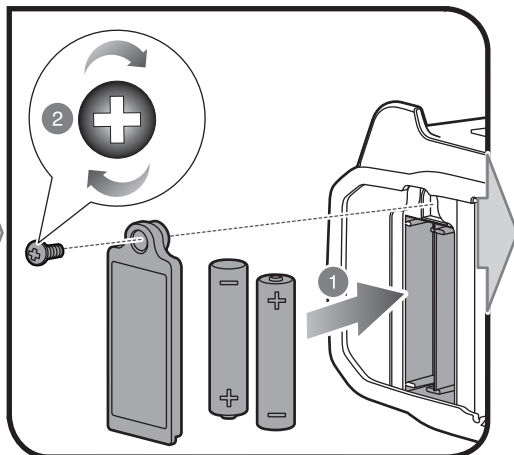


Getting started

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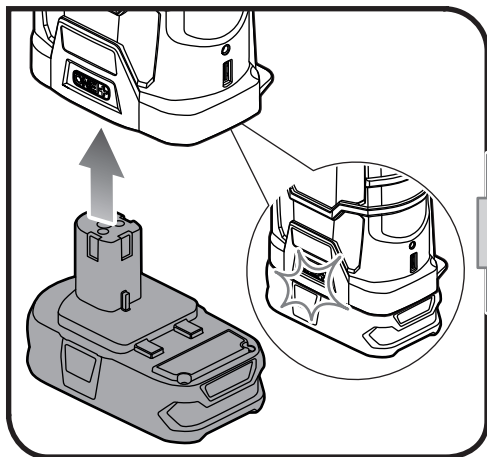
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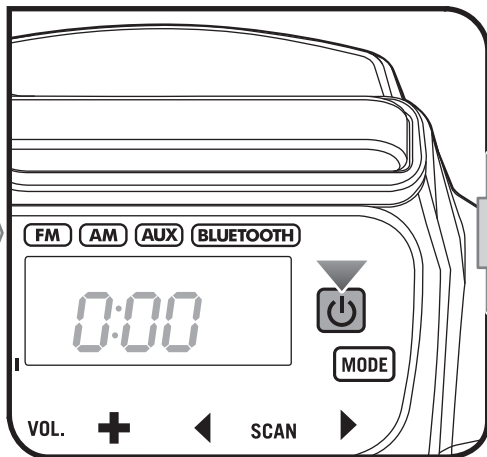


Getting started

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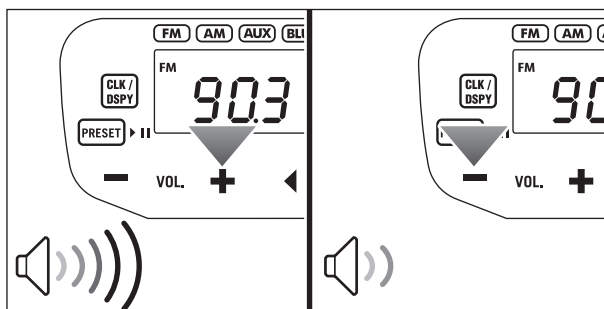
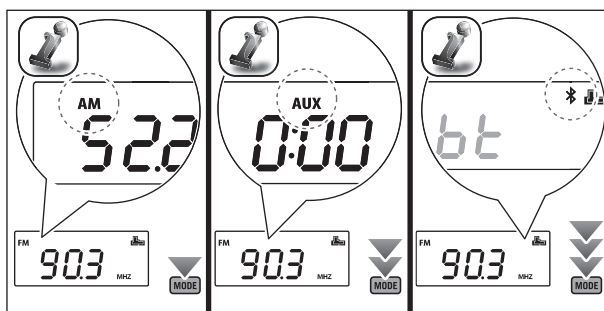
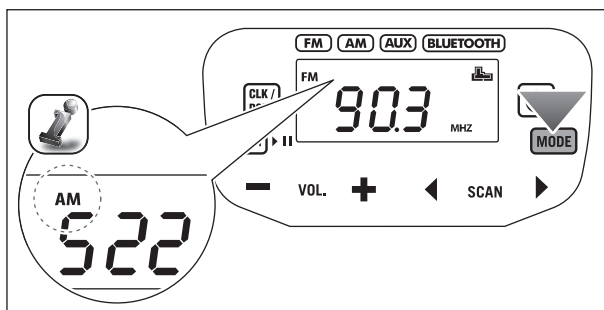
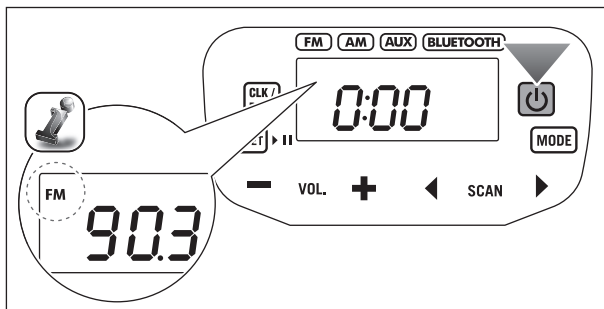
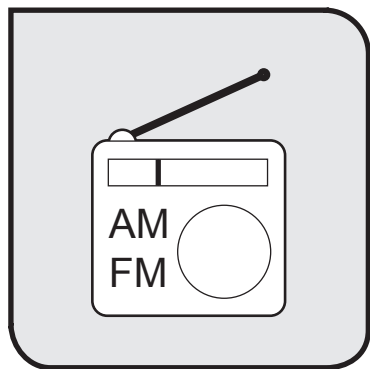


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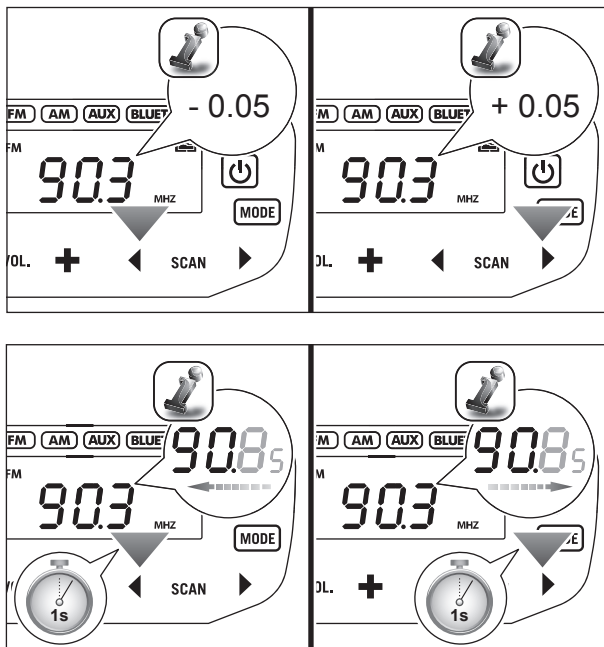


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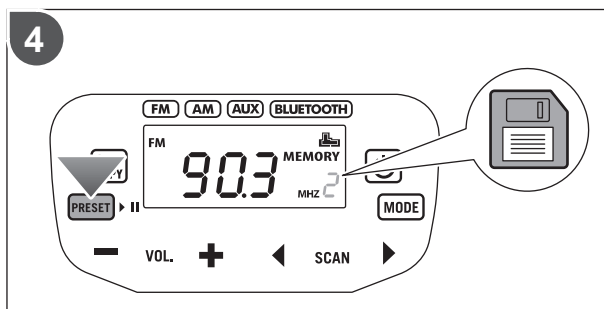
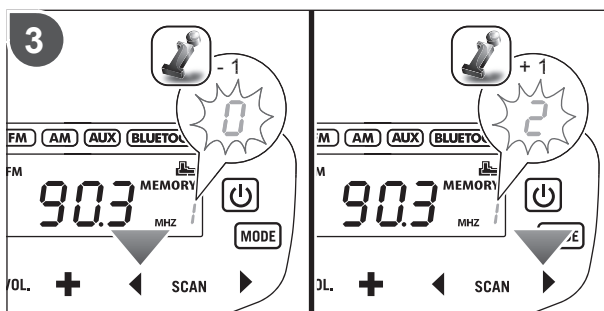
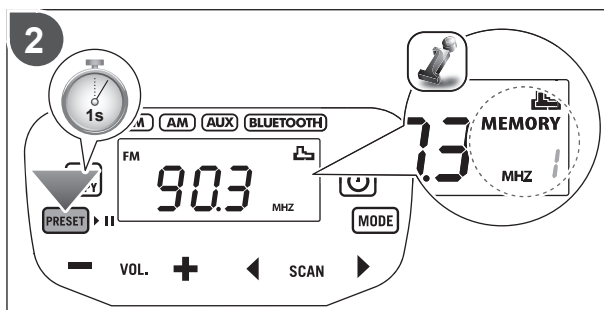
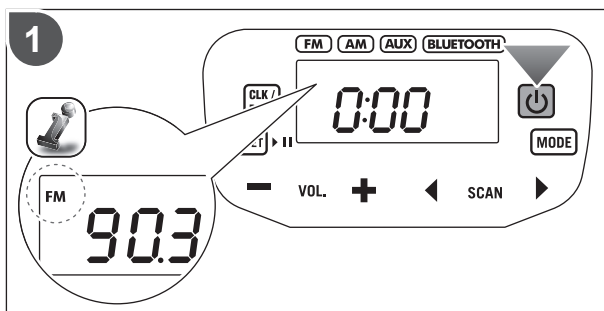
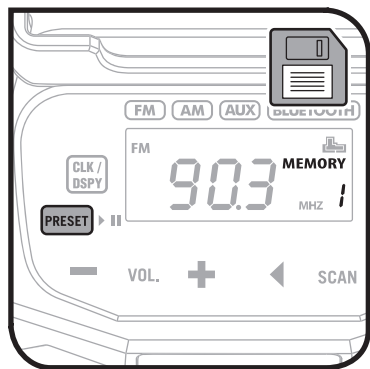


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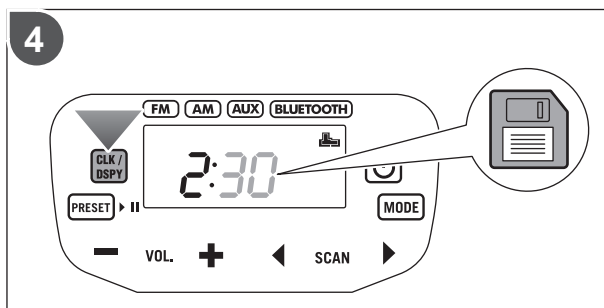
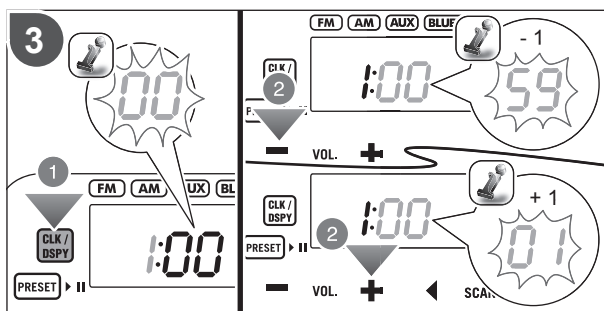
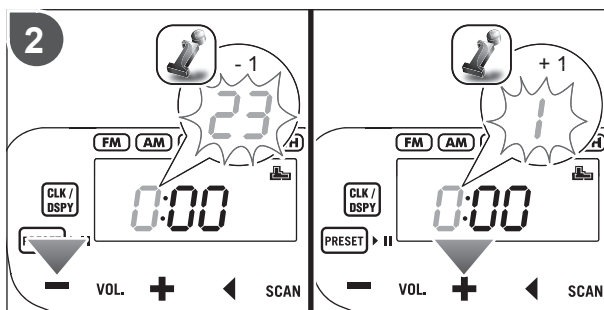
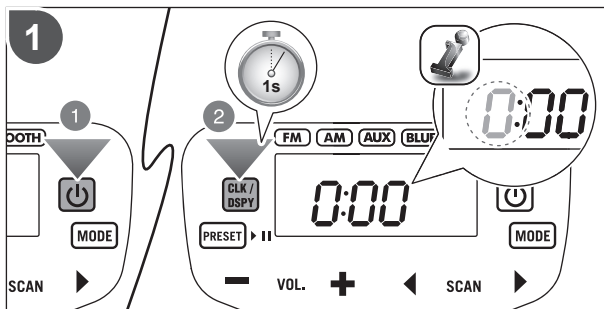
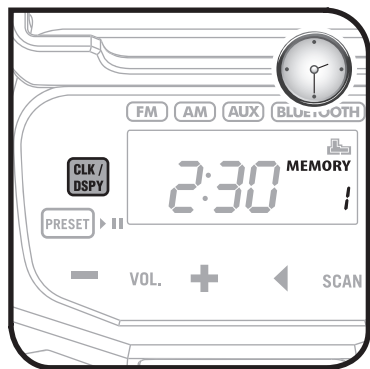


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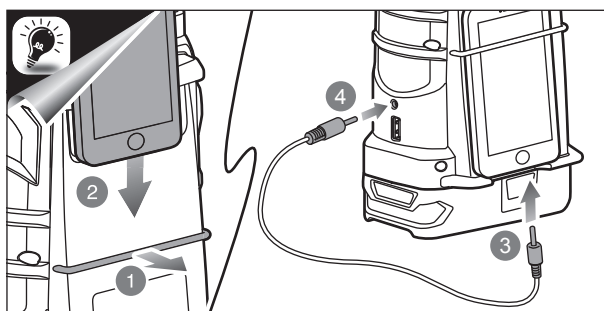
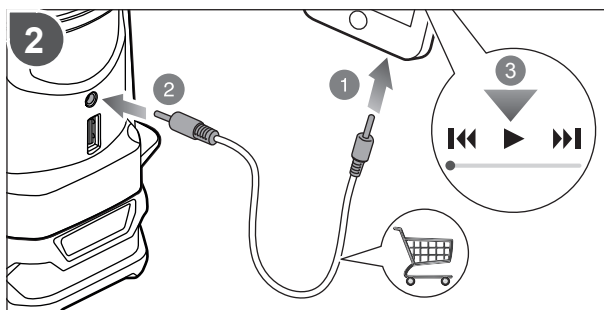
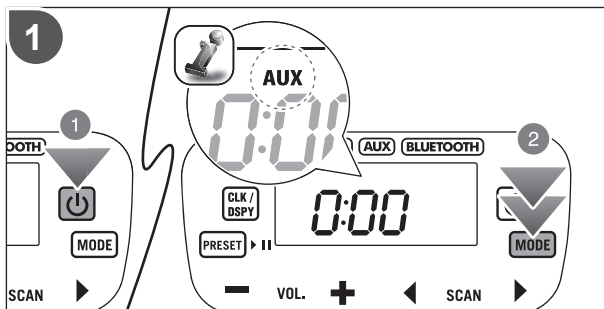


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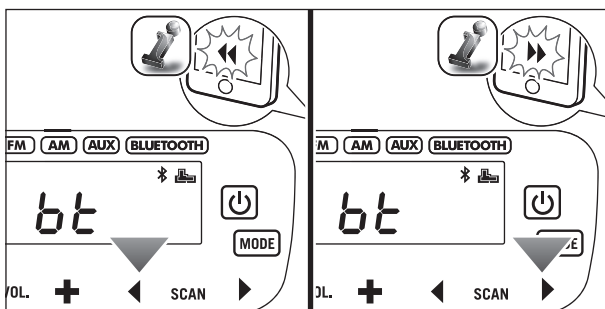
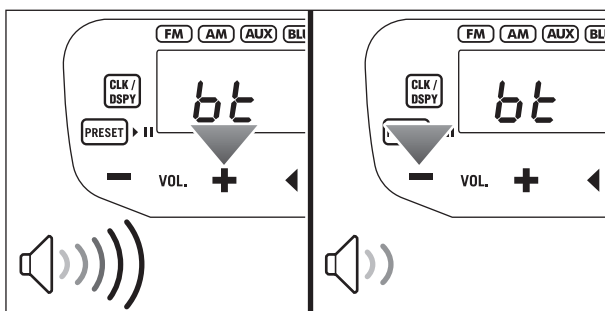
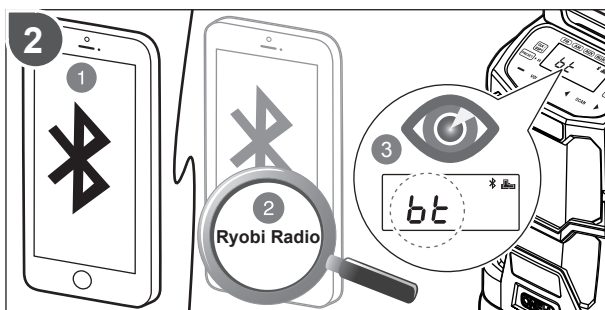
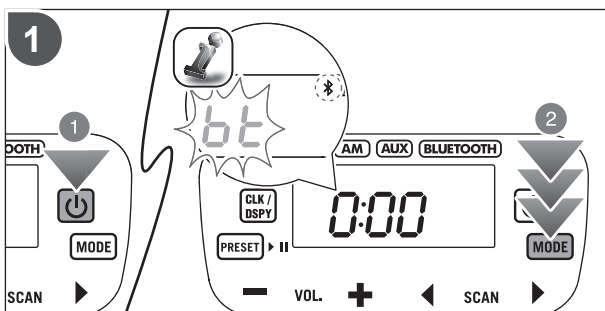
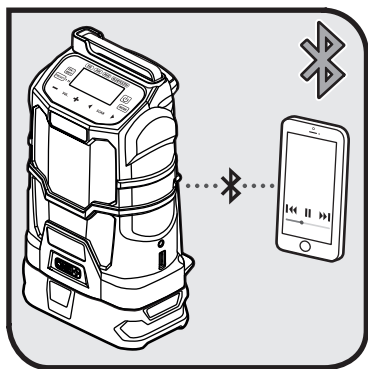


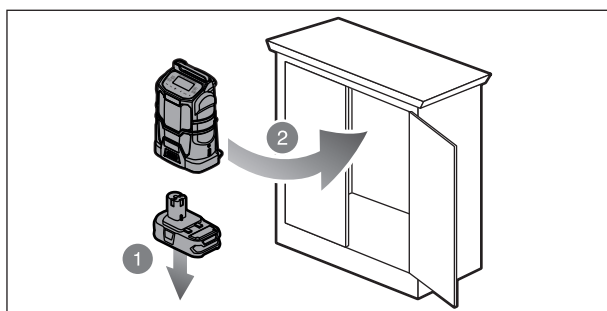
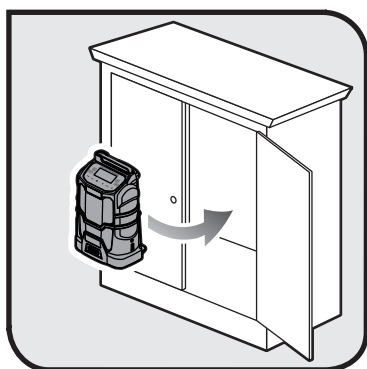
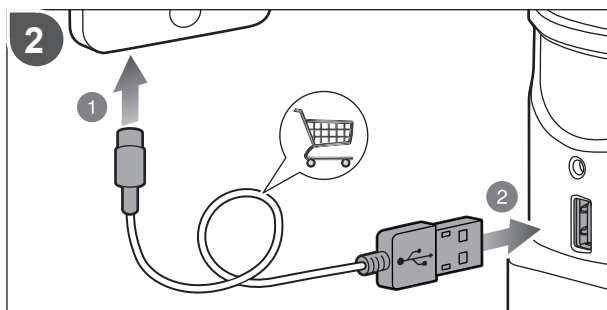
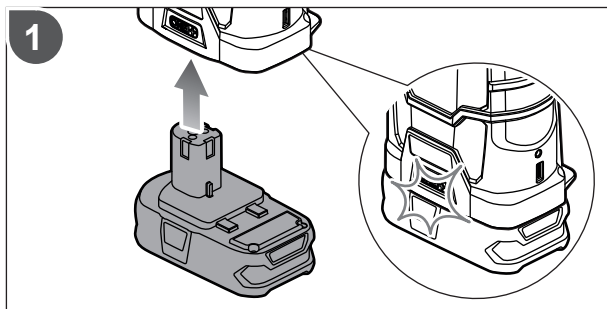
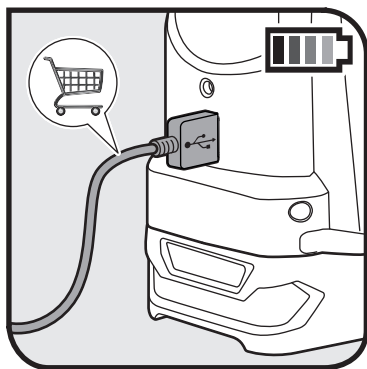
Operation





Operation





PRODUCT SPECIFICATIONS

18V ONE+ Radio

Voltage	18 V 
AM tuner	522 - 1620 KHz
FM tuner	87.5 - 108.00 MHz
Bluetooth range	within 10m for pairing

BATTERY AND CHARGER

Model	Compatible battery pack (not included)	Compatible charger (not included)
Lithium-Ion	RB18L13	BCS618G
	RB18L15	BCL14181H
	RB18L25	BCL14183H
	RB18L26	BCL1418IV*
	RB18L40	
	RB18L50	

* for vehicles with 12V DC outlets

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