

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

19b

Bauer™

1853C-B

20v

HYPERMAX™ LITHIUM

**For Best Results Use
3.0 Amp Hour Battery
(Sold Separately)**



BLUETOOTH RADIO

Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

64825

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools.
Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein.
Tools required for assembly and service may not be included.

⚠ WARNING

Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.

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WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

General Power Tool 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.

The term "power tool" in the warnings refers to your battery-operated (cordless) power tool.

Work Area Safety

- Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- Keep children and bystanders away while operating a power tool.**
Distractions can cause you to lose control.

Electrical Safety

Do not expose power tools to rain or wet conditions.
Water entering a power tool will increase the risk of electric shock.

Personal Safety

Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.
A moment of inattention while operating power tools may result in serious personal injury.

Power Tool Use and Care

1.

Do not use the power tool if the Switch does not turn it on and off.
Any power tool that cannot be controlled with the Switch is dangerous and must be repaired.
2.

Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
3.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. *Power tools are dangerous in the hands of untrained users.*
4.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. *Many accidents are caused by poorly maintained power tools.*
5.

Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. *Use of the power tool for operations different from those intended could result in a hazardous situation.*


Battery tool use and care

1. **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
2. **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
3. **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 burns or a fire.*
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts.
This will ensure that the safety of the power tool is maintained.

Additional Safety Warnings

1. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
2. Avoid unintentional starting. Prepare to begin work before turning on the tool.
3. Do not leave the tool unattended when the Battery Pack is connected. Turn off the tool, and remove the Battery Pack before leaving.
4.  The battery Charger gets hot during use. The Charger's heat can build up to unsafe levels and create a fire hazard if it does not receive adequate ventilation, due to an electrical fault, or if it is used in a hot environment. Do not place the Charger on a flammable surface. Do not obstruct any vents on the Charger. **Especially avoid placing the Charger on carpets and rugs; they are not only flammable, but they also obstruct vents under the Charger.**
5. Place the Charger on a stable, solid, nonflammable surface (such as a stable metal workbench or concrete floor) at least 1 foot away from all flammable objects, such as drapes or walls. Keep a fire extinguisher and a smoke detector in the area. Frequently monitor the Charger and Battery Pack while charging.
5. This product is not a toy. Keep it out of reach of children.
6. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
7. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Lithium Battery Safety Warnings



**LITHIUM BATTERIES STORE
A LARGE AMOUNT OF ENERGY AND
WILL VENT FIRE OR EXPLODE IF MISTREATED:**



1. **Keep Battery Pack dry.**
2. **DO NOT DO ANY OF THE FOLLOWING TO THE BATTERY PACK:**
 - a. **Open,**
 - b. **Drop,**
 - c. **Short-circuit,**
 - d. **Puncture,**
 - e. **Incinerate, or**
 - f. **Expose to temperatures greater than 140°F.**
3. **Charge Battery Pack only according to its Charger's instructions.**
4. **Inspect Battery Pack before every use; do not use or charge if damaged.**
5. **Li-Ion BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.**



SAVE THESE INSTRUCTIONS.

Grounding

⚠️WARNING



TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING:

Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the charger. Do not use the charger if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

Extension Cords

Note: Extension cords must not be used with this item's Charger.

Symbology

	Double Insulated		WARNING marking concerning Risk of Fire. Do not cover Charger ventilation ducts. Charge on fireproof surface only.
	Volts		WARNING marking concerning Risk of Electric Shock. Properly connect Charger's power cord to appropriate outlet.
	Alternating Current		WARNING marking concerning Risk of Explosion. Do not puncture, short, or open battery packs and do not charge damaged battery packs.
	Amperes		
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.		
	Read the manual before set-up and/or use.		
	WARNING marking concerning Risk of Hearing Loss. Wear hearing protection.		

Specifications

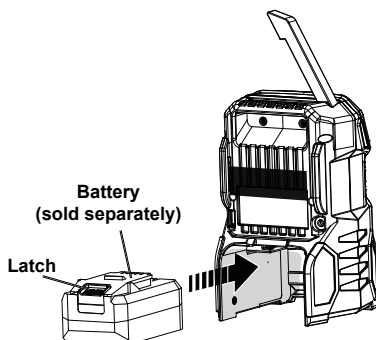
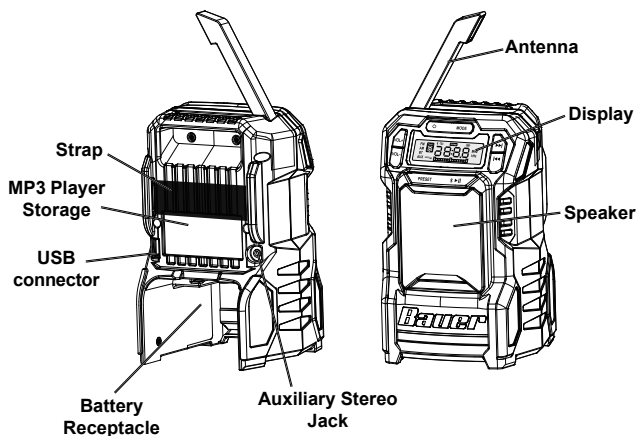
Battery Type	20V Bauer Li-Ion (sold separately)
Radio Bandwidth	AM: 522 - 1620 kHz FM: 87.5 - 108 MHz
USB Output	5 VDC, 2.1A (max)

Setup - Before Use:



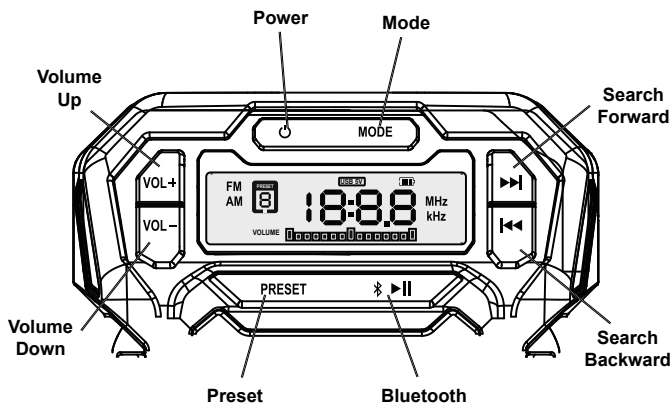
Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Functions

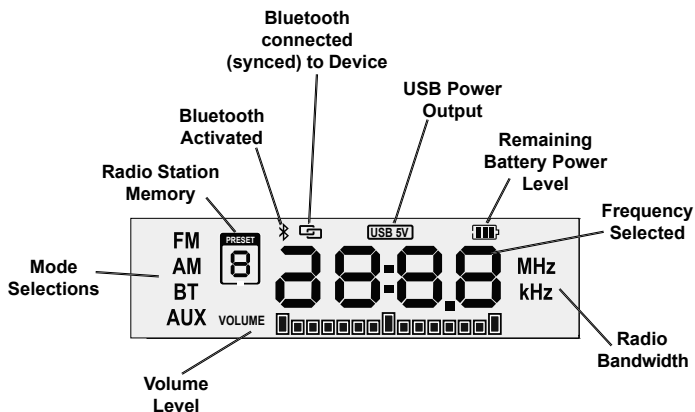


For Best Results Use 3.0
Amp Hour Battery

Front Panel Control Buttons



Display



Operating Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Battery Charging and Connection to Radio

Charge battery after unpacking and before using this tool. Follow instructions included with battery charger. **Battery Pack and Charger sold separately.**

Attach the Battery Pack to the Radio by sliding it into the Radio's Battery Receptacle. Remove the Battery by pressing its Latch and pulling the Battery out.

Charging Auxiliary Device

1. To charge a MP3 player, or similar device that uses 2.1A or less at 5 VDC, connect its USB cable to the Radio's USB connector. See Figure A.

Note: USB cable not included.

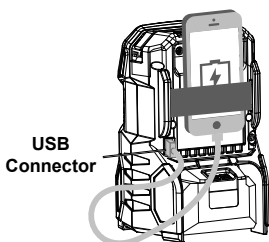


Figure A: USB Power Connection

Notice: If the player/device uses more than 2.1A, the Radio's self-resetting overload protection will be tripped and temporarily disable the output. Disconnect the device and, after a few minutes, the output will be active again.

2. To prevent accidents, turn off the tool and remove its Battery Pack after use. Clean, then store the tool indoors out of children's reach.

Connecting Audio Cable

1. Connect an Auxiliary device (Ex: MP3 player) to the Auxiliary Stereo Jack. See Figure B.

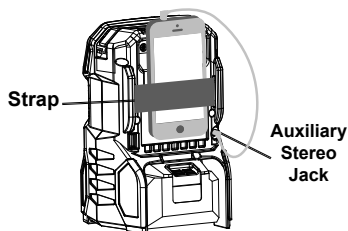


Figure B: Audio Output Connection

Note: The player and cables are not included.

2. Once the Auxiliary device is connected, power on the Radio and press the MODE button several times until AUX is seen on the Display. See Figure C.



Figure C: Auxiliary mode

3. The strap on the Radio's back panel can be used to secure a MP3 player to the MP3 Storage Area.
4. To prevent accidents, turn off the tool and remove its Battery Pack after use. Clean, then store the tool indoors out of children's reach.

Connecting Bluetooth (audio file playback)

1. Power on the Radio and press the MODE button several times until BT is seen on the Display. See Figure D.

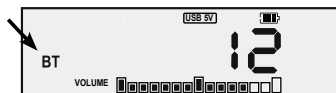


Figure D: Enabling Bluetooth Mode

Note: The Radio will beep when BT Mode is selected.

2. Activate your mobile device's (ex: MP3 player, Smartphone) Bluetooth feature.

Note: Mobile device not included.

3. If the device has detected the Radio, the word "BAUER" will be seen on its screen, select it.
4. Successful connection (sync) is indicated when the Bluetooth symbols are seen on the Radio's Display and the Radio will beep. See Figure E.

Note: Several connection attempts may be necessary to achieve a successful sync.

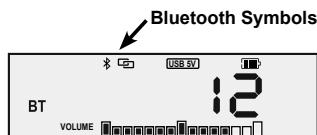





Figure E: Bluetooth Connection

5. When synced, the Radio can control playback of audio files on the device (see Figure F):

- The first audio file listed on the device will start playing through the Radio once sync is achieved. Press the Bluetooth  button to pause playback and again to resume.
- Control volume by pressing the VOL +/- buttons.
- Press the Search Forward  and Backward  buttons to select other audio files.

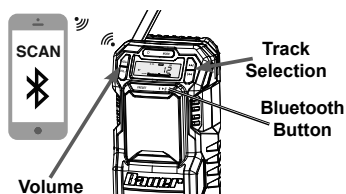


Figure F: Bluetooth Controls

6. Disconnect the Radio from the device by press and holding the Bluetooth button for more than 2 seconds, or deactivate the Bluetooth feature on the device.

Note: The Radio will beep if the Bluetooth sync connection is lost or Mode is changed.

7. To prevent accidents, turn off the tool and remove its Battery Pack after use. Clean, then store the tool indoors out of children's reach.

Radio Operation

1. Pull up the Antenna if folded down.
 2. Turn the Radio ON by pressing the POWER button. The Display will illuminate when the Radio is powered ON.
- Note:** The Display will dim after approximately 30 seconds of no button being touched.
3. Volume is increased by pressing the VOL+ button and decreased by pressing the VOL- button.
 4. Press the MODE button to scroll and select the Mode desired: AM or FM radio, BT (Bluetooth), or Aux (external device, Ex: MP3 player).

5. To play a radio station:

- a. Press the MODE button to select AM or FM.
- b. Press the Search Forward or Backward buttons to scroll through stations. The current frequency is shown on the Display.
- c. To jump to the next radio station with high signal strength, press and briefly hold Search Forward or Backward button.

6. To store a radio station:

- a. Tune in the station desired by pressing the Selection Forward or Backward buttons.
- b. Press and hold the PRESET button until the Radio Station Memory symbol blinks (see Figure G).

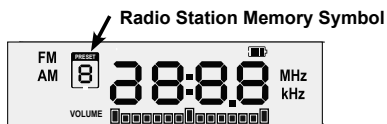


Figure G: Radio

- c. Store the station by pressing and releasing the PRESET button.
 - d. Press either Search Forward or Backward button to escape the Preset Mode.
7. **To listen to a stored radio station**, press the PRESET button to scroll through the stored stations. Stop when the desired station's frequency is displayed.
 8. To prevent accidents, turn off the tool and remove its Battery Pack after use. Clean, then store the tool indoors out of children's reach.

Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠ WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Make sure that the Switch is in the off-position and remove the Battery Pack before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for:
 - leaking, swollen, or cracked battery pack
 - loose hardware
 - misalignment or binding of moving parts
 - cracked or broken parts
 - any other condition that may affect its safe operation.
2. **AFTER USE**, wipe external surfaces of the tool with clean cloth.
3. Disconnect battery pack and store battery pack, charger, and tool in dry, indoor area out of reach of children and away from metal objects (i.e., paperclips, coins) to prevent shorting.
4. **Li-Ion BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.** Do not open, crush, heat above 140° F or incinerate.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: There are no serviceable parts for this item.

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.

BauerTM

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