CC RADIO SOLAR BT

INSTRUCTION
MANUAL

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Please read all the instructions completely before use and save this manual for future reference.

C.CRANE

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About the CCRadio Solar BT with Bluetooth® Receiving

The CCRadio Solar BT is likely the first emergency radio that doesn't look or sound like one. The idea simmered at C. Crane for many years while prototypes were designed. We took all the feedback provided from customers over the years and incorporated them into this one. It has an oversized AM antenna for superior long distance reception. FM reception is good thanks to the latest chip technology. The solar panel is oversized to help keep the battery charged.

It is simple to use if you prefer to keep it that way, but there are some hidden features listed underneath the battery compartment cover. The radio is initially delivered set to "low power" consumption to conserve the battery. While the radio is "ON", Press the number "1" and "5" keys simultaneously and the radio will switch to high audio power. The special rubber shell is resistant to yellowing over time.

The power storage of your radio is a lithium-ion battery which can last up to 10 years if you show it a little exercise and sun. Please fully charge the battery with a USB cable or optional AC Adapter once or twice a year. Please fully discharge the battery (by leaving the flashlight on until it goes off), once a year, and then recharge for 12 hours via a USB cable or optional AC Adapter.

About the CCRadio Solar BT with Bluetooth® Receiving

Crisis hint: If all power lines and the phone system are down, use texting to send a message with your cell phone. It requires very little power and a text message can often get through to your loved ones when a normal phone call will not connect. See page 24 for how to charge your cell phone.

NOTES:

• When the battery is low it will affect radio performance.

• The radio shuts off when a low voltage limit has been reached of approximately 3.4 volts to protect the battery.

• If the battery drops below 3.4 volts you may need to charge it with an external charger for the battery. We recommend that you search on the Internet for "NITECORE UI1 Single-shot".

BATTERY ICON DEFINITION:

0 bars =	1 bar =	2 bars =	3 bars =
less than 3.4 volts	3.4 - 3.7 volts	3.7 – 4.0 volts	4.0 – 4.2 volts

NOTE: (SOLAR PANEL) It may be of some advantage to capture morning or evening sunlight by positioning the radio on end (with the flashlight facing down) and the panel facing the sun. Alternatively, one could also tilt or prop the radio at a slant to optimize the solar angle.

FOR YOUR FUTURE REFERENCE:

Serial No. (Found inside battery compartment): _____

Date of purchase: _____

Name & address of dealer: _____

UNPACKING

The box should contain the CCRadio Solar BT radio, (1) Auxiliary In cable, (1) USB 2.0 Charging cable, lanyard, warranty card and user manual. If anything is missing or damaged, please contact your dealer immediately. We recommend that you keep the packaging in the unlikely event your radio may need servicing.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE RADIO BACK. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Safety Instructions

⚠ THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE RADIO.

⚠ THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THIS RADIO.

⚠ CAUTION

- Before turning the unit on, set your volume control to a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly without distortion.
- Long-term exposure to loud sounds may cause hearing damage. It is best to avoid high volume levels when using headphones/earbuds, especially for extended periods.

⚠ PLEASE READ BEFORE USING THE RADIO ⚠

- Please fully charge the internal battery before use.
- We recommend the internal battery to be fully depleted and fully recharged every 6 months if the radio has not been used. This will help maintain optimal battery life.
- Keep these precautions and instructions where all who will use this radio will read them.

Safety Instructions

To prevent damage to your radio or possible injury to you or others, read these safety precautions and instructions entirely before applying power to the radio.

1. COMMON CARE
   Check the radio and any accessories regularly. Do not use the radio if there is any sign of damage. Only operate in accordance with the instructions in this manual. Only use attachments or accessories specified by C. Crane. **NOTE:** If the radio is unused for more than 6 months, we recommend winding the crank for at least 30 seconds to keep the battery healthy. Thereafter we recommend charging the battery fully before returning to storage.

2. DISCONNECT POWER FROM THE RADIO IN CASE OF MALFUNCTION ⚠
   We recommend charging with a computer or USB wall adapter with at least 1000mA power output for best performance. Use only the recommended adapter. Otherwise, it may damage the radio or cause a fire or electric shock.

3. KEEP OUT OF REACH OF CHILDREN ⚠
   Dropping the radio can cause damage or injury. Keep the cords in a position so someone cannot trip and cause the radio to fall.

4. KEEP AWAY FROM WATER AND MOISTURE ⚠
   Keep the radio dry. Liquids and moisture can damage the radio. If a liquid leaks into the radio do not operate and seek a qualified service shop.

5. KEEP AWAY FROM EXTREME TEMPERATURES
Extreme temperatures can damage the radio. Never put the radio in direct sunlight in an unventilated area or the inside of a car. The appliance should be away from heat sources such as radiators, heat registers, stoves, or other appliances that produce heat.
CAUTION: Some windows may intensify the sun's effect on your radio, causing melting or a potential fire hazard.

6. DO NOT ATTEMPT TO SERVICE RADIO ⚠
Refer all service work to a qualified service shop when the radio does not appear to operate normally, exhibits a change in performance or the radio has received damage. Never open the radio as this may expose you to dangerous voltages and this will void all warranties.

7. OUTSIDE ANTENNAS OR CABLES ⚠
Outside antennas or cables that create a potential hazard should not be used with this radio unless installed by qualified personnel.

8. BATTERY CARE ⚠
If the radio is left unattended and unused for long periods of time, remove the batteries. The batteries may leak and damage furniture or your radio.

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POWER USING THE SOLAR PANEL

Place the solar panel in direct sunlight. It is best to angle the solar panel so that it is pointed directly at the sun. Do not charge the radio in a hot area like a car. To charge the internal Li-ion battery with the solar panel, it is best to leave the radio OFF. Eight hours of direct sunlight should provide about 10 to 14 hours of playtime at medium volume, depending on sun intensity. Set the "Battery Selection Switch" to Li-ion to play. (See Page 21). Charging in full sun can take approximately 42 hours when battery is depleted.

POWER BY WINDING

Unfold the Dynamo Crank from the back of the radio and rotate in either direction.
Proper winding speed is about 2 rotations per second or greater. After 90 seconds of winding the radio will play for about 8-13 minutes. This varies depending on the winding speed, volume level and band selection. **NOTE:** If the Li-ion battery has been fully depleted (less than 3.3 volts) for many days (or depleted by the flashlight) then it may take extra winding before the battery will power the radio again (greater than 3.3 volts). Charging by crank can take approximately 10-12 hours at 2 rotations per second when battery is depleted.

Power Options

POWER BY AC CHARGING ADAPTER (OPTIONAL ACCESSORY NOT INCLUDED)

Connect the AC charging adapter to a 120V/60Hz wall power outlet and to the Micro-USB charging jack ⚡ on the side of the radio beneath the rubber flap. This adapter can remain plugged into the radio for continuous power but there may be added noise or interference while listening to the AM radio band. We recommend listening to the AM radio band with AC charging adapter unplugged for best reception. To fully charge the included Li-ion battery, keep the AC charging adapter connected for about 10 - 12 hours with the power off.
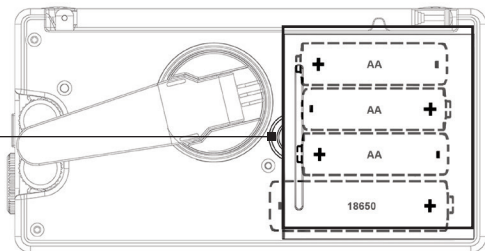
POWER USING "AA" BATTERIES

When using "AA" Alkaline batteries the radio should play at normal volume for about 40 hours. When using nickel metal hydride (NiMH) rechargeable "AA" batteries, about 35 hours of play can be expected. This radio will not charge "AA" batteries.
NOTE: Do not use Lithium type "AA" batteries.

INSTALLING "AA" OR "18650" BATTERIES
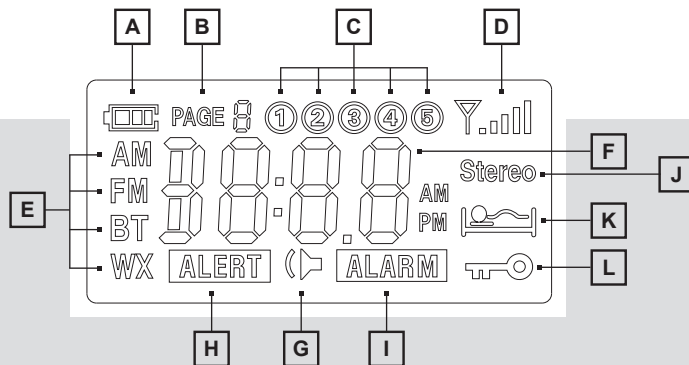
1. Position the radio face down on a soft surface to protect it.

2. Remove the Battery Cover using your fingernail or a small tool.

Press and lift the area indicated.

3. Insert (3) "AA" cell batteries (optional) or one (1) 18650 Li-ion battery (included) into the compartment as indicated. (Do not use Lithium "AA" size batteries). Be sure the negative (-) end of each battery is against the spring.

4. Replace the battery cover. You are now ready to operate your radio.

DISPLAY PANEL

A. Battery Icon
B. Page Number
(for station memories)
C. Station Memories 1 - 5
D. Reception Signal Strength

E. Band Indicator
(AM, FM, BT, Weather)
F. Frequency/Time
G. Beep ON/OFF
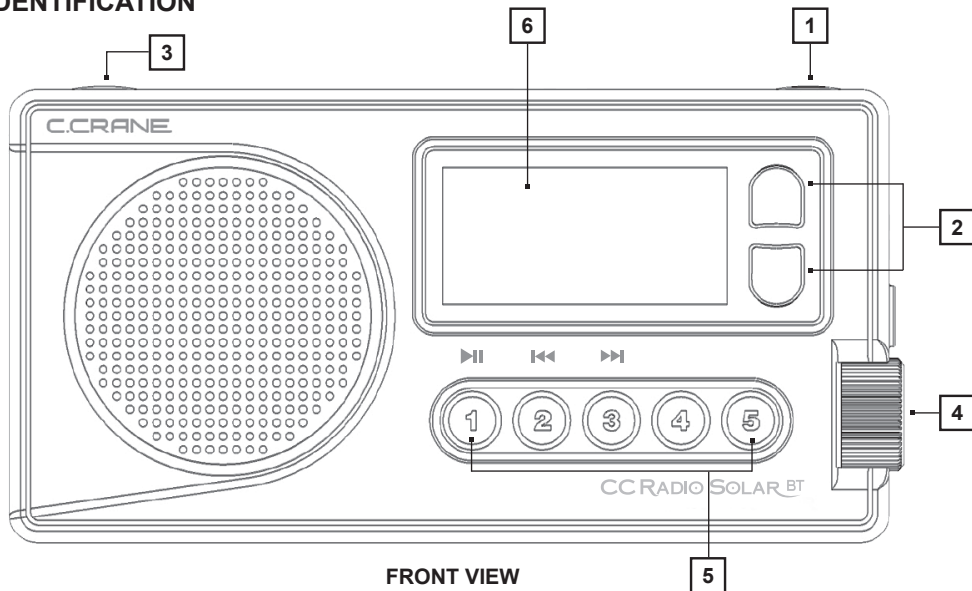**H.** Alert is activated

I. Alarm is activated
J. Stereo FM reception
K. Sleep Timer is activated
L. Lock Switch is activated
(buttons are disabled)

BUTTON IDENTIFICATION

FRONT VIEW

Radio Operation

1. POWER BUTTON / SLEEP TIMER

To turn the radio "ON" just press and release the red button. To use the Sleep Timer, press and hold the red button. The Sleep Timer will automatically shut off the radio after the set amount of time expires. The display will cycle through minutes 120, 90, 60, 45, 30, 15, and OFF. Release the power button to activate the sleep setting you desire. The radio will remember your last Sleep Timer setting the next time you activate it.

2. TUNING BUTTONS

Press once quickly to tune to the next frequency increment. Press and hold for 1-second to automatically tune to the next strong station. Hold continuously to cycle through the whole band.

3. CHANGE BANDS AND SET WEATHER ALERT

Press and release the BAND button to cycle between FM, AM, and Weather. The BAND button can also be used to set the weather alert. When the weather alert is activated it will monitor the selected weather channel for NOAA weather alerts. When a NOAA alert is issued (on the selected weather channel) the CCRadio Solar BT will beep and provide important information. To activate the NOAA Weather Alert, press and hold "Band" button for more than 3 seconds. Continue holding to select how long the alert will be activated (4hr, 8hr, 16hr or ON for continuously). Release the button to make your selection.

The display light will flash once every few seconds to remind you that the NOAA Weather Alert is "ON". To turn the alert "OFF", hold the Band button for three seconds until "OFF" is displayed and beep is heard, then release the button.
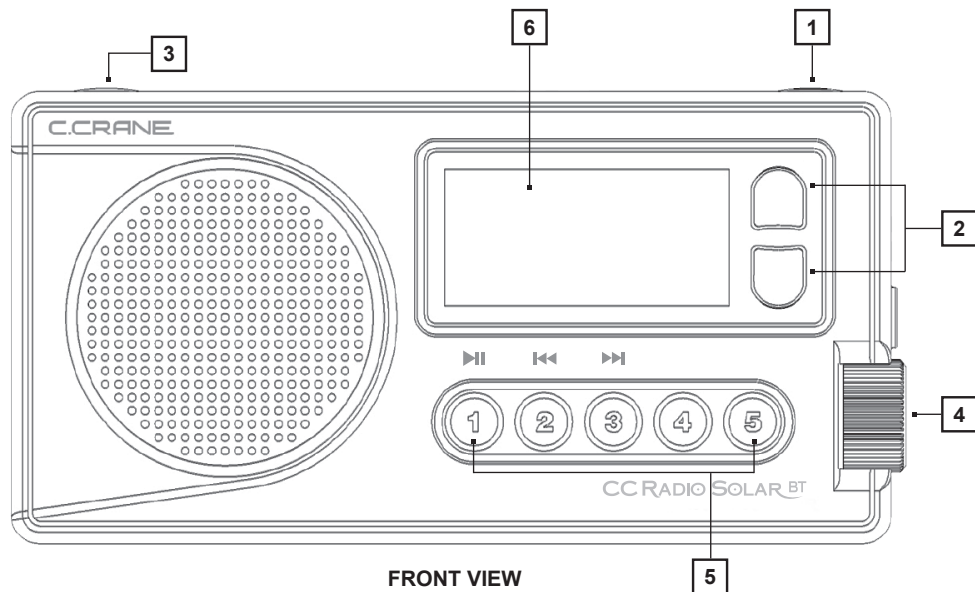
4. VOLUME CONTROL
Rotate to adjust volume.

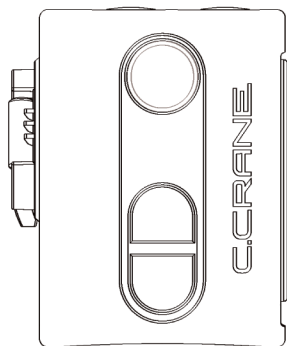### 5. STATION MEMORY BUTTONS 1 - 5
Save your favorite stations to memory buttons. To save a station, press and hold any memory button for 2 seconds while the station is playing. To play a saved station, press the same button once quickly.
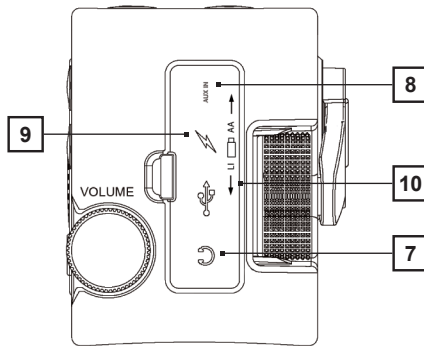
6. DISPLAY LIGHT
The LCD Display light will stay enabled for 10 seconds after each button press. If the radio is plugged into continuous power you can keep the display light on continuously while the radio is on. For this, press and hold the POWER and LIGHT button until the display cycles to your desired brightness and then release.

Radio Operation

FRONT VIEW

LEFT SIDE VIEW   **RIGHT SIDE VIEW**

7. EARPHONE JACK

To listen using earphones, connect your earphones to the lower round jack behind the rubber cover. When earphones are plugged in, stereo sound can be heard from strong FM stations offering stereo sound. Weak FM stations, all AM stations, and Weather stations will be received in mono sound.

8. AUX INPUT JACK

To use the CCRadio Solar BT as a speaker for your device, connect a 1/8" stereo patch cable (included), with one end of the patch cable to your device's audio output jack (or a headphone jack) and the other end to the Aux input jack (upper round jack under the rubber cover) of the CCRadio Solar BT. The radio will automatically detect when a device is plugged-in and change to AUX input mode. High power audio mode will always be used with AUX input for best sound quality.

9. RADIO POWER/CHARGING JACK

Connect any Micro-USB cable for continuous power or to charge the radio battery. You will notice some noisy interference while listening to the AM Radio band with power connected.

10. BATTERY SELECTION SWITCH

Please see Page 14 for opening the battery compartment and inserting batteries. The CCRadio Solar BT uses one 3.7V Lithium-ion 18650 rechargeable battery (included). This battery will give you about 300-500 full charge and discharge cycles and play the radio for about 40-50 hours on low power mode. It is replaceable at ccrane.com. You might want to charge and keep a second battery for backup power. Optionally three "AA" alkaline batteries can be used to power the radio as an alternative source of power. If using alkaline batteries then you will need to flip the switch "up" under the rubber flap to "AA".
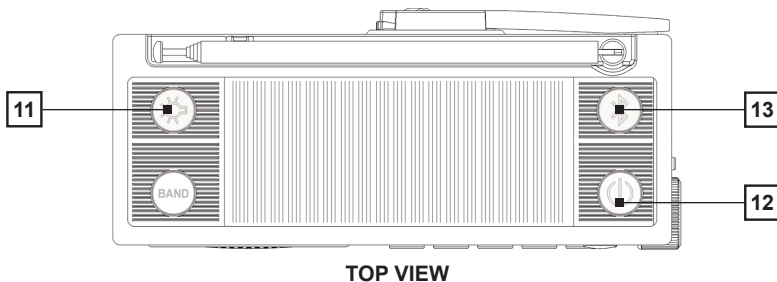
11. FLASHLIGHT

Located on the left side of the CCRadio Solar BT is a flashlight consisting of one super bright LED. To turn the flashlight on, press the "Light" ☀ button once and release. The "Light" button will glow in the dark to help you locate the radio in a power outage.

NOTE: In an emergency we recommend using the flashlight sparingly if your battery is low. The flashlight is quite powerful using about 2 or 3 times the energy of playing the radio.

12. LOCK RADIO

Press and hold the BAND and POWER buttons at the same time for two seconds to disable all buttons. Repeat to enable all buttons again. While the buttons are locked the VOLUME knob will continue to work as normal.

TOP VIEW

13. BLUETOOTH OPERATION

Bluetooth is a convenient way to play audio from your phone, tablet, computer, or voice-controlled device using the speaker from the CCRadio Solar BT. Bluetooth will work wirelessly up to about 50 feet (depending on obstructions) between your device and the CCRadio Solar BT.

SETUP: You will only need to do the following setup once per Bluetooth device. Settings are remembered thereafter.

1. Turn the radio on. On the radio, Press and release the Bluetooth (Blue) Button on top of the radio until "BLUE" is displayed on the LCD screen.
2. Hold the Bluetooth button for about 4 seconds until the BT icon flashes on the LCD screen.
3. On your cell phone, tablet, or computer go to the Bluetooth settings and enable it if it is not already.
4. Open the list of Bluetooth devices and look for "CCRadio Solar". If you do not see "CCRadio Solar" listed, then scan again.
5. Select "CCRadio Solar" from the list. Your device should say "Connected... "

OPERATION: While your device is connected with Bluetooth to the CCRadio Solar BT, any audio that should normally be playing on your device will instead come out of the CCRadio Solar BT's speaker. Adjust the volume on the radio and your device for best sound. From the CCRadio Solar BT, you can pause, play, or skip backwards or forwards using the memory preset buttons on the front of the radio. #1 button = Play/Pause. #2 button = Skip to Previous. #3 button = Skip to Next.
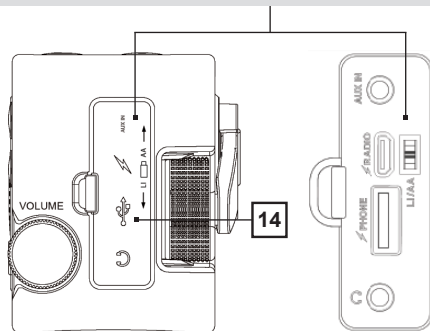
NOTE: Button functionality will vary depending on the app or device linked to.

DISCONNECT: To disconnect Bluetooth or allow a different device to connect to the CCRadio Solar BT, press and hold the Bluetooth (Blue) button for about 3-4 seconds or until the BT icon flashes on the LCD screen.

14. PHONE CHARGER JACK (STANDARD USB PORT)

In an emergency, you may need to power your cell phone to make an important call. Cranking the radio for just 90 seconds should give you enough time to make a few quick calls. This, of course, will depend on the make and model of your cell phone. Attach your phone's charging cable (not included) to the full size USB port located under the rubber flap on the right side of the radio. To begin charging, press and hold the "Light" button for 2 seconds. You will notice the battery icon on the screen moving to indicate that charging has begun. Your phone should also indicate that it is charging. If your phone or device will not accept the radio charge, then try fully powering off your device and try again. When the radio battery is fully depleted then charging will stop.

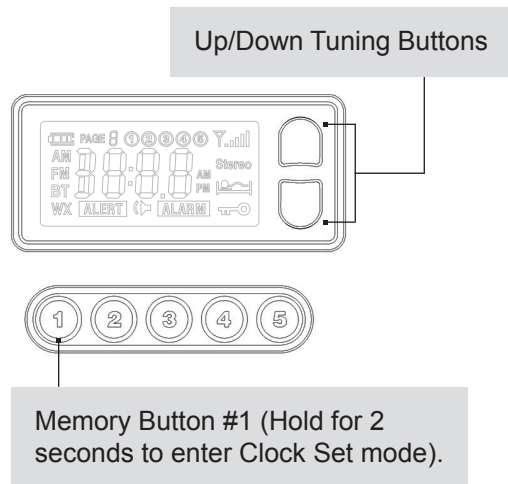Inputs and switch are under the rubber cover on Right Side of radio.

NOTE: In an emergency situation where the phone circuits have overloaded or failed, texting may work better for conserving battery life. Text messages will usually send automatically once reception improves for a moment.
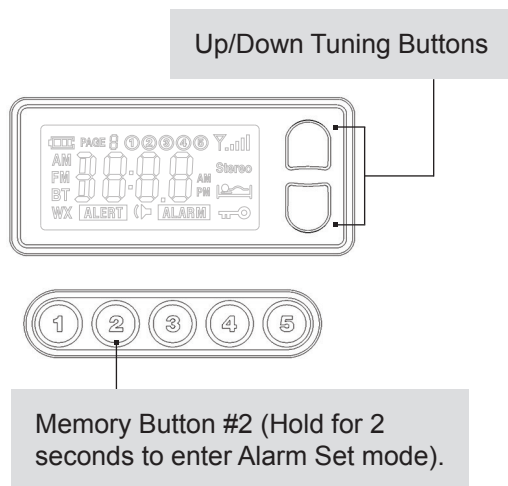
SETTING THE CLOCK

Up/Down Tuning Buttons

1. With the power OFF, press and hold memory button #1 for two seconds. Release.

2. While the Hour is flashing, press the Up or Down Tuning buttons until the hour and AM/PM time is correct.

3. Press and release memory button #1 to adjust the minutes. Cycle minutes using the Up or Down Tuning buttons.

4. Press and release memory button #1 again after the time is set correctly.

Memory Button #1 (Hold for 2 seconds to enter Clock Set mode).

SETTING THE ALARM (BUZZER ONLY)

Up/Down Tuning Buttons

1. With the power OFF, press and hold memory
button #2 for two seconds.
Release.

2. While the Hour is flashing, press the Up or
Down Tuning buttons until the hour and AM/PM
time is correct.

3. Press and release memory button #2 to adjust
the minutes. Cycle minutes using the Up or
Down Tuning buttons.

4. Press and release memory button #2 again
after the time is set correctly. To disable the
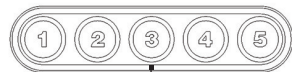alarm, press and hold memory button #2 for
two seconds.

Memory Button #2 (Hold for 2
seconds to enter Alarm Set mode).
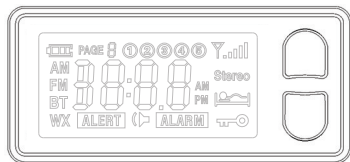
DISABLE BEEP SOUND

1. With the power OFF, press and hold memory button #3 for two seconds. All beeps are disabled except ALARM and WX ALERT.

2. Repeat sequence to enable beep again.

Memory Button #3
(Hold for 2 seconds
to disable beep).

DESIGNATE FREQUENCY OR CLOCK WHILE LISTENING TO THE RADIO

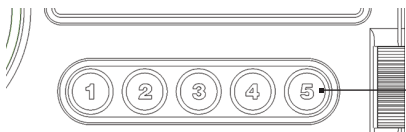**1.** With the power OFF, press and hold memory button #4 for two seconds. "C" will appear on the screen indicating that the Clock will show while listening to radio (after 10 seconds).

2. Repeat sequence to display Frequency instead. "F" will appear on the screen to indicate that the Frequency will show when listening to the radio.

Memory Button #4
(Hold for 2 seconds).

ACTIVATE 9 OR 10 KHZ AM TUNING (ALSO EXPANDS FM BAND)

1. With the power OFF, press and hold memory button #5 for two seconds to activate 9 kHz AM tuning mode. This will also expand the FM band from 76 MHz to 108 MHz.

2. Repeat sequence to switch back to 10 kHz AM tuning and regular FM coverage

Memory Button #5
(Hold for 2 seconds to activate 9kHz AM tuning mode. Repeat to switch back to 10kHz).

ENABLE HIGH POWER AUDIO MODE

Quickly press memory buttons #1 and #5 at the same time while listening to your desired station. If a device is connected to the AUX input jack or on Bluetooth, then high power mode will always be used. **NOTE:** This is used to improve audio quality and loudness but will decrease battery life by about 1/3 or more (depending on volume). We recommend this setting when the radio is connected with the optional AC charging adapter.

Memory Buttons #1 and #5
(Quickly press both buttons to enable High Power mode).
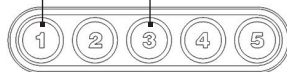
ACTIVATE 1 KHZ AM TUNING STEPS

Quickly press and release memory buttons #1 and #4 at the same time while listening to your desired AM station. Press again to return to normal (10 kHz) tuning. **NOTE:** This setting can tune AM stations that are slightly off frequency for various reasons. Tuning 1 kHz higher or lower than the actual station frequency may help improve reception.

Memory Buttons #1 and #4
(Quickly press both buttons to activate 1 kHz tuning steps. Press again to return to normal).

SET AM BANDWIDTH (FILTERS)

Memory Buttons #1 and #3
(Quickly press both buttons to adjust the AM bandwidth filter setting).

Quickly press and release memory buttons #1 and #3 at the same time while listening to your desired AM station. This will change from 2.5kHz (best for voice), 4kHz and 6kHz (best for music) each time buttons are pressed quickly. **NOTE:** This setting is helpful to reduce or eliminate unwanted noise or adjacent overlapping stations.

RESET TO FACTORY DEFAULTS

With power OFF, press and hold memory buttons #1 and #5 for five seconds.

Memory Buttons #1 and #5
(Press and hold for 5 seconds to reset to factory defaults).

CHANGE MEMORY PAGES (HIDDEN SETTING)

The Page function gives you 20 additional presets for AM and FM. With power on quickly press memory buttons #3 and #5 simultaneously to enter page selection mode then press memory button 1-5 to select the Page number that you desire. Each page can hold five additional station memories.

Memory Buttons #3 and #5
(Quickly press both buttons to enter Page Selection mode. Then press 1 - 5 to select page number desired).

STEPS FOR SETTING AND ACTIVATING THE WEATHER ALERT

1. Turn the radio on by pressing and releasing the red power button.

2. Press and release the Band button until WX shows on the display.

3. Change the channel with the Up or Down tuning buttons until you hear your local NOAA Weather Broadcast.

4. Press and hold the Band button until the desired hours of monitoring (4hr, 8hr, 16hr or on) are selected.

NOTE: While the weather alert is activated, AM and FM radio is still accessible. The display light will flash once every few seconds to remind you that the NOAA Weather Alert is "ON".

When NOAA issues a weather alert, the radio will continuously beep for two minutes.

• Press and release the red Power Button to listen to the weather broadcast.

• To de-activate the Weather Alert, press and hold the Band button for 3 seconds or until "OFF" is displayed.

NONE OF THE BUTTONS WORK, BUT THE DISPLAY SCREEN IS ON:

The Radio may be locked. If the radio is locked then the LCD display screen will show a key. To release the lock, press and hold the BAND and POWER buttons at the same time for 2 seconds and the key icon will disappear in the LCD Display. (Please see "Lock Radio" on page 22.)

MY RADIO SHUTS OFF AFTER JUST A FEW SECONDS:

Low batteries can cause this situation. Recharge or replace them with a new set of batteries.

MY FULLY CHARGED LI-ION BATTERY DOES NOT POWER THE RADIO AND THE SWITCH IS SET TO LI. THE SCREEN IS BLANK.

The radio may need a small amount of electricity to deactivate the protection circuit. Please rotate the wind-up handle a few times or place the radio briefly in the sun. When the display appears, the radio should be ready for operation.

STATIONS WON'T HOLD IN MEMORY:

The memory button settings are being overwritten. When recalling a station from memory, if you hold the memory button down too long it will program the current station over your previously

stored station. To recall a station that has been stored in memory, always press and release the button quickly. To program a new station into memory, tune to the desired station and then press and hold the memory button for two seconds until you hear a beep, or the display shows a memory number.

THE AM RECEPTION IS POOR:

You may need to rotate your radio until the reception is best. Many buildings that use brick, metal, or stucco can absorb or reflect the AM signal. Computers, cell phones, tablets, wireless chargers and other electronic equipment, including fluorescent lights, can cause noise that interferes with your AM reception.

Move the radio to a different place to see if that helps. Additional noise may affect a weak signal. Lastly, if your radio is currently charging or connected to a power source then unplug it and try using it on batteries to see if the power source is causing the interference.

POOR RECEPTION ON FM AND WEATHER BAND:

The CCRadio Solar BT can use the silver whip antenna on the top of the radio for FM and Weather bands. To improve reception of these bands, fully extend the whip antenna and try various orientations to obtain the strongest signal. (See page 39 for our external FM Antenna.)

BATTERY POWER LEVEL INDICATOR DOESN'T SHOW FULL CHARGE WHEN USING RECHARGEABLE "AA" NIMH BATTERIES:

Rechargeable "AA" NiMH batteries will not show a full charge on your radios display. The CCRadio Solar BT is calibrated to read the charge of your alkaline batteries, which is 1.5 volts at full charge. Rechargeable NiMH type batteries are fully charged at just 1.25 volts, and so your radio will show a partial charge even if the rechargeable batteries have been fully charged. We do not recommend using Lithium "AA" sized batteries in our products.

I HAVE THE RADIO IN THE SUN BUT THE BATTERY ICON DOES NOT BLINK:

The icon blinks when charging by using the micro USB input, optional AC Adapter or the crank. It does not blink when charging in the sun.

WHY IS IT EASY TO CRANK THE RADIO WHEN THE BATTERY IS FULLY CHARGED:

When the battery starts to get low it will accept more current and it will become harder to crank.

MY RADIO WILL NOT POWER WHEN USING THE RECHARGEABLE BATTERY SETTING OR WHEN PLUGGED INTO POWER:

Make sure that you have removed the small plastic pull tab between the battery and the contact.

Also be sure that your battery is oriented correctly in the battery compartment and that it is charged sufficiently.

HOW LONG WILL THE CCRADIO SOLAR BT PLAY ON A FRESH SET OF ALKALINE BATTERIES?

Approximately 35 hours of play on high power mode. Approximately 50 hours of play on low power mode.

WHAT TYPE OF LITHIUM BATTERY IS USED IN THE CCRADIO SOLAR BT?

The battery included with the CCRadio Solar BT is a 18650 Rechargeable Battery – Protected 3.7V Li-ion 3400mAh.

HOW LONG WILL THE CCRADIO SOLAR BT PLAY ON A FULLY CHARGED LITHIUM BATTERY?

The CC Solar will run about 35 hours at high volume or about 50 hours on the energy miser setting. When the battery icon drops to two bars then the battery is approximately half full.

CAN I HAVE THE WEATHER ALERT SET AND LISTEN TO AM OR FM AT THE SAME TIME?

Yes you can. However, when setting the clock or alarm the weather alert needs to be deactivated.

WHEN CHARGING IN THE SUN USING THE SOLAR PANEL, USING THE USB CABLE OR THE OPTIONAL AC ADAPTER, DOES THE SWITCH NEED TO BE SET TO LI?

No.

WILL THE BATTERY INDICATOR SHOW FULL BARS WHEN CHARGED IN THE SUN OR HAND CRANKED?

Yes, once the battery reaches 4 volts. The following charge times are based on the mAh of the Li-On battery and the mAh of the charging systems for each method:

• Charging in full sun can take approximately 42 hours.

• Charging with cranking can take approximately 10-12 hours. The fastest way to charge is to use the USB cable or the AC Adapter (sold separately). This method can take up to 10 - 12 hours.

HOW DO I RESTORE THE RADIO TO FACTORY DEFAULTS?

With the power OFF, press and hold the memory buttons #1 and #5 for five seconds. You will hear a tone to signify it has been done.

Specifications

FREQUENCY RANGE

FM Band: 87.5 – 108 MHz (Regular Mode) / FM Band: 76 – 108 MHz (Expanded Mode – See page 28) / AM Band: 520 – 1710 kHz

WEATHER BAND

Channel 1: 162.400 MHz / Channel 2: 162.425 MHz / Channel 3: 162.450 MHz
Channel 4: 162.475 MHz / Channel 5: 162.500 MHz / Channel 6: 162.525 MHz
Channel 7: 162.550 MHz

POWER SOURCE

• 18650 Li-ion 3.7 volt Protected Button Top Rechargeable Battery (3400mAh).
• "AA" size Alkaline Batteries (Do not use Lithium "AA" batteries).
• Solar Panel – 110mA (in full unobstructed sun light).
• Dynamo Wind-up Generator: 300-500ma (at about two rotations per second).
• 5-Volt DC, 1000mA, Micro USB.

WARRANTY

1-Year Limited Warranty

Specifications

POWER CONSUMPTION

Low Power Mode 40-100mA DC (depending on headphone or speaker usage and volume level).
High Power Mode: 50-200mA DC (depending on headphone or speaker usage and volume level).

AUDIO

Speaker: 2", 4 Ohm, 3 Watts.
Stereo headphone jack 1/8" (3.5mm).
Stereo input jack 1/8" (3.5mm).
Bluetooth Receiver.

ANTENNA

FM and Weather Band: Whip Antenna. / AM Band: Internal Ferrite Bar.

DIMENSIONS

6" W x 3" H x 2.5" D.

WEIGHT

Approximately 18.2 ounces with Li-ion Battery installed.

Accessories

CCRadio Solar BT 5V AC Charging Adapter
Item# CCRSP
$14.99

FM Reflect-2 Dipole Antenna
Item# FMR2
$14.99

CC Buds Pro
Item # CCBUDSPRO
$19.99

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FCC Warning Content

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.

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

NOTE: 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.

FCC Warning Content

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

MODEL: CCRadio Solar BT
U.S. Patent D960,860 S

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