COBY®

CX-789

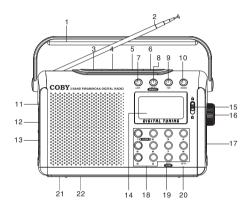# Operation Manual

3-BAND FM/AM/NOAA DIGITAL TUNING RADIO

1. Handle Bar
2. Antenna
3. Hour / Tuning Down
4. Minute / Tuning Up
5. Sleep
6. Power
7. Light
8. Time Set / Memory
9. Time
10. Snooze
11. External Antenna Jack

12. DX / Local Switch
13. DC Jack
14. LCD
15. Hold Switch
16. Volume Control Dial
17. 3.5mm Earphone Jack
18. Number Buttons (0-9)
19. Band / Alert Button
20. Enter Button
21. Battery Compartment (Rear)
22. AC Cord Socket (Rear)

PRECAUTIONS

1. Read these instructions carefully.

2. Keep these instructions for future reference.

3. Heed all warnings.

4. Follow all instructions.

5. Do not expose to water or moisture.

6. Clean only with a dry cloth.

7. Keep objects away from ventilation openings. Do not block any ventilation openings at any time.

8. Do not install near any heat sources such as stoves, radiators, amplifiers or any apparatus that produce heat.

9. Do not force the power plug in the wall outlet. A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Place the power cord so that it is protected from being walked on, pinched by objects, torn and exposed to liquids, especially at plugs, convenience receptacles, and the point where they exit from the product.

11. Only use attachments/accessories specified by the manufacturer. Use of attachments/accessories not recommended by the product manufacturer may cause hazards.

12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug the apparatus during lightning storms or when unused for long periods of time.

14. If the set will not be used for a long time, remove all the batteries to prevent potential damage due to possible battery leakage.

15. There is a strong magnet inside the radio. Keep credit cards, recorded tapes, watches, etc. away from the radio, especially the speaker.

16. Do not drop the radio or subject it to strong impacts.

17. Do not use this apparatus near water, and no objects filled with liquids, such as vases, shall be placed on the apparatus.

18. Refer all servicing to authorized service personnel.

WARNING: The power cord on this product contains lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. ***Wash hands after handling.***

For recycling or disposal information about this product, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org

POWER SOURCE

Using Batteries
1. Open the battery cover.
2. Insert 3 "D" size (UM-1 or equivalent) batteries into the battery compartment, making sure that the batteries are installed with the proper polarities ("+" and "-").

To prevent possible damage to this unit
1. Load new batteries with their polarities ("+" and "-") aligned correctly.
2. If the radio will not be used for a long time, remove all of the batteries, and store them in a cool and dry place.
3. Remove dead batteries immediately and properly dispose of them.
4. Do not use old and new or different types of batteries (e.g., alkaline and manganese) together.

Battery Life
If the sound becomes low or distorted, replace all of the batteries with new ones.

Using AC House Current
Plug the AC cord into the AC cord socket located on the rear of the radio, and the other end into an AC wall outlet.

RADIO OPERATION
1. Ensure that the hold switch is set to the unlocked position (slide up).
2. Press the POWER button to turn on the radio.
3. Adjust the volume by turning the volume control dial.
4. Select the preferred frequency band (AM/FM/NOAA) by pressing the BAND / ALERT button. The selected band will appear on the display (AM, FM, or WB).
5. Press the LIGHT button to turn the backlight on for about 8 seconds.
6. Use the TUNING DOWN / UP buttons or the NUMBER buttons to tune to a station. The frequency will be displayed on the LCD. Please see page 4 (TUNING) for more information.
7. Press and hold the TIME button to switch from FM stereo mode to FM mono mode.
8. Press the TIME button once to show the time. Press it again to display the time for alarm 1. Press it again to display the time for alarm 2. Press it again to return to the frequency. If no button is pressed, the radio will automatically return to displaying the frequency after 5 seconds.
9. Adjust the antenna for optimum reception (see page 5 for more information).
10. To set the NOAA alert function: before turning the radio off, set the NOAA band to your local NOAA frequency. Press the POWER button to turn the radio is off, then press the BAND / ALERT button to turn on the NOAA alert function (NOAA will be shown on the bottom left of the LCD). When there is a NOAA alert broadcast, the radio alarm will sound, the light will turn on and the radio will turn on to the NOAA band.

TUNING

Automatic Tuning
Press and hold the TUNING DOWN / UP button to scan to the previous / next station within reception range.

Manual Tuning
Press the TUNING DOWN / UP button to change the frequency down / up by one step.

Direct Tuning
Use Direct Tuning to enter a specific station frequency to tune to directly.

In the AM/FM mode, press the ENTER button to enter the direct tuning mode. Press the NUMBER buttons to enter the desired frequency, and press the ENTER button.

Preset Tuning
You can store up to 20 preset radio stations: 10 for AM and 10 for FM. Press the NUMBER button to tune to the station that corresponds to that preset station number (0-9). The radio will go to the stored station, and the preset number and the frequency are shown on the display

Storing Preset Stations
1. Select a frequency band and then tune to the desired station (e.g., "89.5 FM").
2. Press the TIME SET / MEMORY button. "M" will flash on the top right of the LCD. Press a number button (e.g., "0"), and then press the TIME SET / MEMORY button to finish storing the radio station. The preset number will be displayed on the right of the LCD.

CLOCK/ALARM/TIMER FUNCTIONS

Displaying the Clock and Alarm Timers
When the radio is off, the clock time is displayed on the LCD. When the radio is on, the frequency is displayed. Press the TIME button to display the time; press it again to display the Alarm 1 time; press it a third time to display the Alarm 2 time; and press it once more to return to the frequency display.

Setting the Clock and Alarm Timers

Ensure that the radio is off, then:
1. Press the TIME SET / MEMORY button. The clock time will flash. Press the HOUR and MIN. buttons to adjust the clock time (ensure that the AM/PM hour is set correctly).
2. When you have finished setting the clock time, press the TIME SET / MEMORY button again. "AL1" will appear on the bottom of the LCD, and the Alarm 1 time will flash. Press the HOUR and MIN. buttons to adjust the Alarm 1 time (ensure that the AM/PM hour is set correctly).
3. When you have finished setting the Alarm 1 time, press the TIME SET / MEMORY button again. "AL2" will appear on the bottom of the LCD, and the Alarm 2 time will flash. Press the HOUR and MIN. buttons to adjust the Alarm 2 time (ensure that the AM/PM hour is set correctly).

Using the Alarm Timers

Ensure that the radio is off, then:

1. Press the ALARM 1 button once and " ⌀1 " will be displayed on the bottom of the LCD. The Alarm 1 timer is now active, and the unit will beep at the Alarm 1 time. Press the ALARM 1 button again and " ♪1 " will be displayed on the bottom of the LCD. The Alarm 1 timer is active, and the unit will turn on to the current radio station at the Alarm 1 time. Press the ALARM 1 button again to deactivate the alarm.

2. Press the ALARM 2 button once and " ⌀2 " will be displayed on the bottom of the LCD. The Alarm 2 timer is now active, and the unit will beep at the Alarm 2 time. Press the ALARM 2 button again and " ♪2 " will be displayed on the bottom of the LCD. The Alarm 2 timer is active, and the unit will turn on to the current radio station at the Alarm 2 time. Press the ALARM 2 button again to deactivate the alarm.

Press the SNOOZE button when the alarm is sounding to pause the alarm for 8 minutes.

Using the Sleep Timer

When the radio is on, press the SLEEP button. "90" will be displayed on the top right corner of the LCD and "SLEEP" will appear on the top of the LCD and flash. Press the SLEEP button to decrease the sleep timer in 10 minute increments. The radio will automatically turn off when the sleep timer reaches 0. Press the SLEEP button to cancel the sleep timer.

ANTENNA

Adjusting FM/NOAA Reception
Pull out the telescopic antenna and adjust its length and angle for optimum reception.

Adjusting AM Reception
The sensitive ferrite core antenna inside the set will provide excellent AM reception in most areas. For optimum reception, change the position of the radio because the AM antenna is directional.

SUPPORT

If you need assistance with this product, please contact technical support.

COBY Electronics Technical Support
56-65 Rust Street
Maspeth, NY 11378

Email	techsupport@cobyusa.com
Web	www.cobyusa.com
Phone	800-727-3592: Weekdays 8:00 AM–11:00 PM EST Weekends 9:00 AM–5:30 PM EST
	718-416-3197: Weekdays 8:00 AM–5:30 PM EST

SPECIFICATIONS

Power Source:	3 "D" Size/UM-1 Batteries (DC: 4.5V)	
Frequency Range:	AM	520 – 1710 kHz
	FM	87.5 – 108 MHz
	NOAA	CH1 – CH7

CH1	162.550 MHz
CH2	162.400 MHz
CH3	162.475 MHz
CH4	162.425 MHz
CH5	162.450 MHz
CH6	162.500 MHz
CH7	162.525 MHz

Speaker:	8 ohm 1W
Power Output:	200mW
Output Jack:	Earphone 32 ohm

FCC STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for Class B digital devices, 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

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.