



PLL ALARM CLOCK RADIO With PROJECTOR And USB PORT FOR CHARGING

Model : HX-109CR



INSTRUCTION MANUAL

Note: Please read and follow these instructions before using your unit.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the 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 this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



15. Grounding or Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
16. Alternate Warnings – This product is equipped with a three-wire ground-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
17. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
18. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
19. □: CLASS II apparatus with double insulation, and no protective earth provided.
20. Caution Marking and rating plate was located at bottom enclosure of the apparatus.
21. WARNING : To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
22. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
23. The mains plug is used as disconnect device. The mains plug of apparatus should not be obstructed OR should be easily accessed during intended use. To be completely disconnect the power input, the mains plug or apparatus shall be disconnected from the mains.
24. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
25. Excessive sound pressure from earphones and headphone can cause hearing loss.

FCC NOTICE

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 needed.
- Consult the dealer or an experienced radio/TV technician for help.

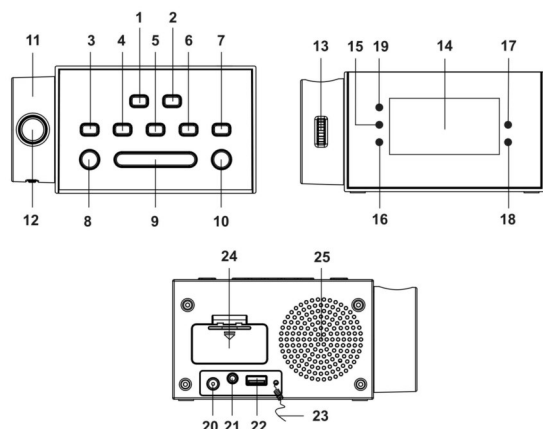
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions :

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

SPECIFICATIONS

Frequency Range:	FM 87.5 – 108 MHz
Power Supply:	AC 100V-240 ~ 60/50 Hz
Rated Output	DC5V 1.5A
Back-Up Battery:	2 pc. UM4 'AAA' size

Specifications are subject to change without prior notice.



1	PROJECTOR ON/OFF BUTTON	14	DISPLAY
2	PROJECTOR 180° FLIP BUTTON	15	AL1 BUZZER INDICATOR
3	MIN/⏮️ BUTTON	16	AL1 RADIO INDICATOR
4	HOUR/⏭️ BUTTON	17	AL2 BUZZER INDICATOR
5	DIMMER BUTTON	18	AL2 RADIO INDICATOR
6	AL2/VOL- BUTTON	19	PM INDICATOR
7	AL1/VOL+ BUTTON	20	DC IN JACK
8	CLK/MEM BUTTON	21	AUX-IN JACK
9	SNOOZE/SLEEP BUTTON	22	USB CHARGING PORT
10	⏻/SOURCE/AL.OFF BUTTON	23	FM ANTENNA
11	PROJECTOR WHEEL	24	BATTERY COMPARTMENT
12	PROJECTOR LENS	25	SPEAKER
13	PROJECTION FOCUS KNOB		

CONNECTING THE UNIT TO POWER

Plug one end of the AC adaptor into the DC power Input, and then plug the other end into AC wall outlet. Before switching on the unit, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate.

BATTERY BACKUP

Insert two pieces UM-4 batteries into the battery compartment. Be sure to observe the proper polarity (the "+" and "-" signs) as indicated inside the battery compartment.

In case of power failure or interrupted AC power, the current time and alarm time settings, the stored radio stations are preserved in the memory of the unit by means of battery back-up function.

SETTING THE CLOCK

1. When the unit is OFF, press and hold the CLK/MEM button for about 1 second, the time will begin to flash on the LED display.
2. Press the HOUR/⏭️ button to adjust the hour.
3. Press the MIN/⏮️ button to adjust the minute.
4. When the correct time is selected, press the CLK/MEM button again to confirm.

SETTING THE ALARMS

1. When the unit is OFF, press the AL1/VOL+ or AL2/VOL- button. The ALARM time will begin to flash on the LED display.
2. Press the HOUR/⏭️ button to adjust the alarm hour.
3. Press the MIN/⏮️ button to adjust the alarm minute.
4. When the correct time is selected, press the AL1/VOL+ or AL2/VOL- button to confirm.
5. Press the AL1/VOL+ or AL2/VOL- button to select the ALARM sound mode - buzzer or currently set radio station. The alarm buzzer or radio indicator will light up.

SNOOZE FUNCTION

1. Whenever the alarm (radio or buzzer) activates, it can be temporarily suspended for a short period of 9 minutes by pressing the SNOOZE/SLEEP button once.
2. The buzzer or radio will then automatically activate again after the 9 minutes SNOOZE period has ended.
3. This procedure can be repeated for up to approximately one hour.

TURN OFF THE ALARM

When the Alarm activate, press the ⏻/SOURCE/AL.OFF button to turn off the Alarm.

LISTENING TO THE FM RADIO

1. Press the ⏻/SOURCE/AL.OFF button to select FM radio mode.
2. Press the HOUR/⏭️ button or MIN/⏮️ button step by step to tune to the desired radio stations.
3. Press and hold the HOUR/⏭️ button or MIN/⏮️ buttons for approx. 1 second, it will start to search the next radio station in the direction of the search. The search operation simply finds stations with strong signals. Stations with weak reception can only be tuned in manually.

ANTENNA

For best reception, fully extend the FM wire antenna to receive FM stations.

SAVING A RADIO STATION TO THE MEMORY

1. Tune the radio to the desired station.
2. Press and hold the CLK/MEM button for approx. 1 second, the LED display will show P01 and flash, the radio station will stored in the memory.
3. Up to 10 FM radio stations can be stored in the memory.

TO LISTEN TO A SAVED RADIO STATION

1. Press the ⏻/SOURCE/AL.OFF button to select FM radio model
2. Press the CLK/MEM button to select the stored radio station.

SLEEP TO MUSIC FUNCTION

1. This function allows you to listen to the radio while you fall asleep.
2. Press the SNOOZE/SLEEP button, the display will show the default sleep time of 90 minutes
3. Press the SLEEP button again to adjust the desired sleep time.
4. The options are 90-80-70-60-50-40-30-20-10-min. or OFF
5. Now you can enjoy listening to the radio for the pre-set period of sleep time.
6. After this pre-set time has elapsed, the unit will switch off automatically.

AUX IN CONNECTION

1. Insert one side of the audio cable (requires 3.5mm stereo plug, not supplied) into the line-out jack or phones jack on your MP3 player or audio device and the other side to the aux-in jack on the unit.
2. Press the ⏻/SOURCE/AL.OFF button to select AUX mode, AUX will display in the LED display for a few seconds.
3. Turn on your MP3 player and follow the playback instruction.
4. To stop this function, simply turned off your MP3 player.

CHARGE YOUR DEVICES

Connect the standard size end of a USB cable (not included) to the USB port on the unit and connect the other end to the charging port of your device. The unit contains one USB port with 5V ~ 1A charging.

Remarks: Some devices may not support USB charging or may require a higher power rating than this product provides. Observe the charging status on your device. Ensure your device is working properly before attempting to charge. Charging function may not be supported for all phones or electronic devices

PROJECTION

1. Press the PROJECTION ON/OFF button to turn on the PROJECTION function.
2. The projector displays the time via a bright red projection light onto a wall, ceiling or any surface for viewing in a darkened room.
3. Rotate the Projector wheel to point the Projector lens to the desired direction. The projector lens can vertically swivel 180° so that you may view the TIME from different position.
4. If the projected image is out of focus, use the PROJECTION FOCUS knob to adjust the image until the projection is in focus.
5. To turn off the PROJECTION function, press the PROJECTION ON/OFF button again.

Notes

1. Do not stare into the lens directly.
2. The projector function cannot be used unless the clock has been set.
3. Certain walls and ceilings may not display the projection properly.
4. Don't rotate the projector wheel beyond its limits, it may be damaged.