



## PLL ALARM CLOCK RADIO With USB PORT AND SD CARD SLOT For MP3 FILES PLAYBACK

Model : HX-113CR

### INSTRUCTION MANUAL

#### FCC NOTICE

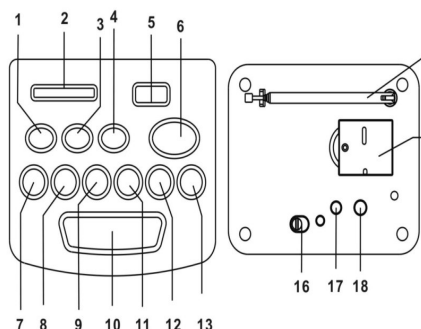
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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:

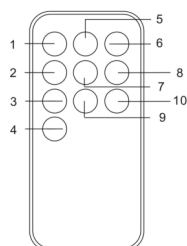
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

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

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



#### Remote Control



- 1 MI button
- 2 SET button
- 3 MEM/REP button
- 4 PWR/FUN button
- 5 C/F / SNZ button
- 6 EQ/ALM button
- 7 VOL+ button
- 8 VOL- button
- 9 button
- 10 button

#### Basic Control

1	TUNE/ button	10	SNOOZE/SLEEP button
2	SD/MMC memory card slot	11	MEM/REP button
3	MI /MEM-UP button	12	ALARM/EQ button
4	/TUNE button	13	SET/LIGHT button
5	USB port	14	Telescopic FM-antenna
6	FUNCTION/POWER button	15	Battery compartment
7	VOL- button	16	POWER ON/OFF switch
8	VOL+ button	17	Power input (DC5V)
9	STOP/MEM-DN button	18	AUX INPUT

#### Specifications

FM frequency range	88 – 108 MHz
Supported storage	USB/SD/MMC
Lithium-ion battery	3.7V / 1100 mA
Adaptor input power	DC 5V / 1800mA
Nominal voltage (clock)	3V (1.5V x 2 batteries AG13)

Specifications and functions are subject to change without notice. It is connected with continual improvement of the device.

#### POWER SUPPLY

##### Battery Power

- The built-in battery used for the unit power supply is rechargeable. The battery must be fully charged before the first use. The first charging time should be about 14-16 hours.
- Connect the adapter to a power supply socket, and insert the charging plug into the Power input of the unit.
- The unit will start charging after well connected. When fully charged, the course of charging stops automatically. Now the adaptor can be unplugged from the unit.
- To ensure safety, neither change the parts and fitments of the battery by yourself nor unwrap the battery. We suggest you use only the battery and the adapter supplied with the unit, so as not to do the damage to the unit.

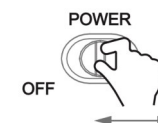
##### Additional power

- Included are 2 AG13 batteries (1.5 V) which are to be inserted in the terminal inside the battery compartment. This is additional power is intended for operation of clock, alarm, calendar, thermometer and countdown timer. Without the additional power the time and alarm settings will not be stored if the unit is switched off.
- To install the batteries, unscrew the screw on the battery compartment on the back panel. Make sure to observe the polarity of the batteries

#### GENERAL OPERATION

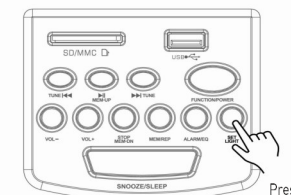
##### Power on/off

When the unit is connected to the current supply mains, slide the POWER switch to ON position to switch the power on. To switch the power off, slide the POWER switch to OFF position.



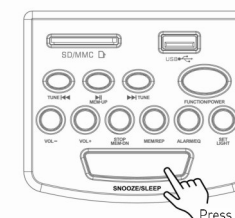
##### Clock and calendar

- In clock mode (no ALARM indication) press the SET button to enable time setting mode. Press repeatedly the SET button to go to setting of parameters in the following sequence:  
**12/24 hour → hour → minute → year → month → date.**
- Press the TUNE/ button to adjust the parameter up. Press the /TUNE button to adjust the parameter down.
- Day of week will be set automatically.
- In time setting mode, if no button is pressed within 10 seconds after a parameter is selected, the unit will automatically go to clock mode.



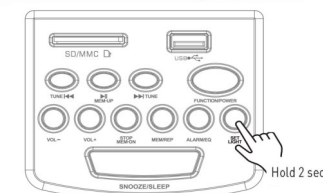
##### Thermometer

The unit is equipped with a built-in thermometer. The current temperature is updated every 30 seconds and is shown on the display. In clock mode press SNOOZE button to select Celsius or Fahrenheit thermometer mode.



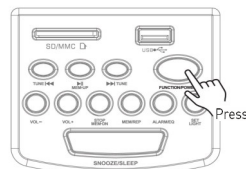
##### Backlight

Hold the SET button for 2 seconds to switch on the backlight, repeatedly press for 2 seconds to switch it off.



### Radio operation

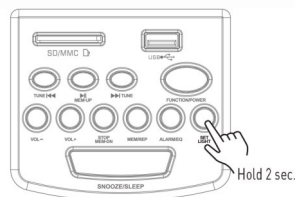
- Radio reception is only available when the unit is powered by the rechargeable battery.
- In clock mode press the **FUNCTION** button to choose the radio mode.
- For FM reception, extend the telescopic antenna.



- To adjust the frequency step by step press repeatedly the **TUNE** or **MEM/REP** buttons. For automatic search of a station, press and hold the **TUNE** or **MEM/REP** buttons; the unit will look for the next available station and start its broadcast. Repeat the operation to search more stations.



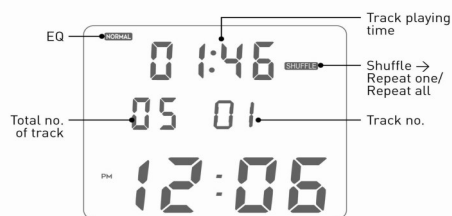
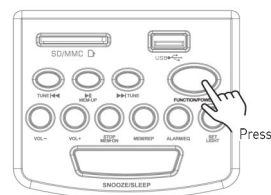
- To save a station, press the **MEM/REP** button. The memory position will link. Press the **MEM-UP/MEM-DN** buttons to select a memory position, then the **MEM/REP** button to save the current station under the selected number. You can store maximum 20 stations in the memory.
- Hold the **MEM/REP** button for 2 seconds, it will scan and save all the available stations automatically.
- During program saving, if no button is pressed within several seconds, the unit will return to normal radio mode.
- To call a saved station, press the **MEM-UP/ MEM-DN** buttons.
- To adjust volume, in radio mode press repeatedly the **VOL+ /VOL-** buttons.
- To switch off the radio, press the **POWER** button for 2 seconds.



### USB/SD/MMC operation

#### Connecting USB/SD/MMC

- Insert a USB device into the USB port or insert a memory card into the memory card slot. Press the **FUNCTION** button to enable USB or SD/MMC mode. The unit will start reading the device, **READ** will be displayed. If no device is detected, **NO** will be displayed.
- If the MP3 files are detected in the storage device, it will start playing the first track on the device. During playback, the display shows the total number of tracks, currently playing track number, playback time and equalizer mode. If no tracks are found in the storage device, **NULL** will be displayed.

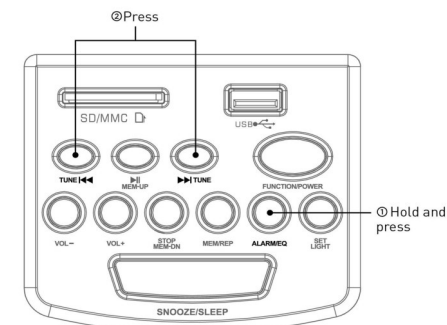
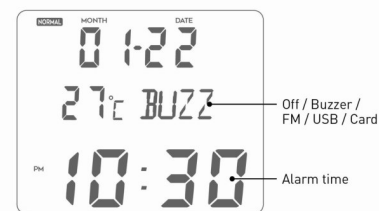


### Playback operations

- During playback press the **||** button to pause playback. Press this button again to resume playback.
- During playback press the **TUNE** or **MEM/REP** buttons to go to previous or next track.
- During playback press the **STOP** button to go to clock mode.
- To adjust volume, press repeatedly the **VOL+ /VOL-** buttons.
- During playback press the **ALARM/EQ** button to select equalizer mode: **Normal - Classic - Bass - Live - Rock**. The mode will be displayed blinking.
- During playback, press the **MEM/REP** button to select playback mode: **Shuffle - Repeat One - Repeat All**.
- Press **SET** button to confirm.
- In play mode selection, if no button is pressed within several seconds, the unit will return to normal playback mode.

### General USB/SD/MMC notes

- This unit is equipped with a USB socket that can accept and play MP3 files stored on standard USB flash (compatible with USB version 2.0) up to 32 GB.
  - This unit is also equipped with an SD/MMC card socket that can accept and play MP3 files stored on standard SD/MMC cards up to 32 GB.
  - Always switch off the unit or change mode to another one before removing a USB flash drive or SD/MMC card, to prevent damage to your USB device or memory card.
- Note:** Although this product is fully compatible with USB 2.0 and SD/MMC card standard formats, a small percentage of USB flash drives and SD/MMC cards might not be readable, due to those device manufacturers' non-compliance with the full (official) USB and SD/MMC card standards.
- FAT32 file system is supported by USB and SD/MMC of this unit.



### ALARM operation

#### Setting the Alarm

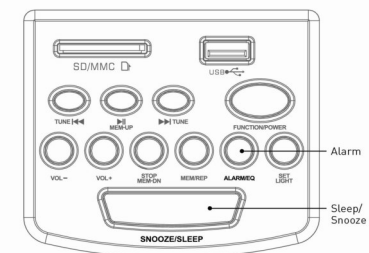
- Press and hold **ALARM** button, then press repeatedly **ALARM** button to go to setting of parameters in following sequence: alarm hour => alarm minute => alarm sound (OFF/BUZ/FM/USB/CARD). The selected parameter will blink meaning readiness for adjustment.
- Press the **TUNE** button to adjust the parameter up. Press the **MEM/REP** button to adjust the parameter down.
- In alarm time setting mode, if no button is pressed within 10 seconds after a parameter is selected, the unit will automatically return to clock mode.
- Do not select USB or SD as alarm signal if no USB device or SD/MMC card is connected, otherwise the alarm will not work.

### Alarm switch off and Snooze

- When the alarm signal is on, press the **SNOOZE** button to interrupt the alarm signal for 5 minutes. After 5 minutes the alarm sound will go on again.
- When the alarm signal is on, press the **ALARM** button to switch off the alarm sound completely.

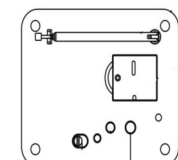
### Sleep timer

- Sleep Timer allows you to listen to the radio/music while you fall asleep.
- Press the **SLEEP/SNOOZE** button to set the sleeping time, repeatedly press to change the sleeping time interval from 10 to 90 minutes.
- Now you can enjoy listening to the radio for the pre-set period of sleep time. After this pre-set time has elapsed, the unit will stop the radio/music.



### AUX input

To connect an external audio device (eg. MP3-player), please use a standard stereo cable with 3.5 mm to 3.5 mm plugs to connect the audio line-out of the external device to the AUX input socket of this unit.



**AUX-in Jack**