



[Manuals.plus](#) /

› [HANNLOMAX](#) /

› HANNLOMAX HX-146CR Alarm Clock Radio User Manual

HANNLOMAX HX-146CR

HANNLOMAX HX-146CR Alarm Clock Radio User Manual

Model: HX-146CR

1. INTRODUCTION

Thank you for purchasing the HANNLOMAX HX-146CR Alarm Clock Radio. This device combines a digital alarm clock with a PLL FM radio, Bluetooth connectivity, and convenient USB ports for charging and MP3 playback. Please read this manual thoroughly before operating the unit and retain it for future reference.



HANNLOMAX

HX-146CR



USB PORT FOR
CHARGING



BLUETOOTH



USB PORT FOR
MP3 PLAYER



DUAL ALARMS
WAKE TO
BUZZER/RADIO



ALARM CLOCK RADIO WITH DUAL USB CHARGING, MP3 PLAYBACK AND BLUETOOTH

Figure 1: Key Features Overview

This diagram illustrates the main functionalities of the HANNLOMAX HX-146CR, including USB charging, Bluetooth, MP3 player capability, and dual alarms with wake-to-buzzer or radio options.

2. SAFETY INFORMATION

- Do not expose the unit to rain or moisture to prevent fire or shock hazards.
- Do not expose the unit to direct sunlight or extreme temperatures.
- Ensure proper ventilation around the unit.
- Only use the provided AC/DC adapter.
- Do not open the casing; refer all servicing to qualified personnel.
- Keep away from strong magnetic fields.

3. PACKAGE CONTENTS

Please check that the following items are included in your package:

- HANNLOMAX HX-146CR Alarm Clock Radio Unit
- AC/DC Power Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the various parts of your alarm clock radio.



Figure 2: Front and Top Panel Controls

This image displays the front of the alarm clock radio, featuring the 1.2-inch green LED display, two USB ports (2.4A charge and 1A charge/playback), and various control buttons located on the top panel.



Figure 3: Labeled Features

This diagram highlights key features such as the dual alarm indicators, 2.4A USB charging port, 1A USB charging and MP3 playback port, and the LED display.

Controls and Indicators:

- **1.2" Green LED Display:** Shows time, alarm status, radio frequency, and other information.
- **PM Indicator:** Lights up when the time is PM.
- **AL.1 / AL.2 Indicators:** Light up when Alarm 1 or Alarm 2 is active.
- **Buzzer / Radio Indicators:** Show the selected alarm sound source.
- **BT Indicator:** Lights up when Bluetooth is connected.
- **Top Buttons:** For setting time, alarms, radio, volume, snooze, etc. (Specific button functions detailed in Operating Instructions).
- **2.4A USB Charge Port:** For fast charging of compatible devices.
- **1A USB Charge/Playback Port:** For charging devices and playing MP3 files from a USB flash drive.

5. SETUP

5.1 Power Connection

1. Connect the supplied AC/DC adapter to the DC IN jack on the back of the unit.

2. Plug the adapter into a standard wall outlet.
3. The LED display will light up, indicating the unit is powered on.

Memory Backup: The unit features a memory backup function. In case of a power outage, your settings (time, alarms, radio presets) will be retained. This function requires backup batteries (not included) to be installed in the battery compartment (usually 2 x AAA batteries, check compartment for specific type).

5.2 FM Antenna

Extend the FM wire antenna located at the back of the unit for optimal FM radio reception. Adjust its position for the best signal.

6. OPERATING INSTRUCTIONS

6.1 Setting the Time

1. Press and hold the **TIME SET** button (refer to Figure 2 for button location). The hour digits will flash.
2. Use the **HOUR** and **MINUTE** buttons to adjust the hour and minute respectively.
3. Press **TIME SET** again to confirm the time.

6.2 Setting Dual Alarms (AL.1 / AL.2)

The unit features two independent alarms.

1. Press and hold the **ALARM 1 SET** or **ALARM 2 SET** button. The alarm hour digits will flash.
2. Use the **HOUR** and **MINUTE** buttons to set the desired alarm time.
3. Press the corresponding **ALARM SET** button again to select the wake-up source: **Buzzer** or **Radio**. The respective indicator will light up.
4. Press the **ALARM SET** button one more time to confirm and activate the alarm. The AL.1 or AL.2 indicator will appear on the display.
5. To deactivate an alarm, press the corresponding **ALARM SET** button until the AL.1 or AL.2 indicator disappears from the display.

6.3 PLL FM Radio Operation

1. Press the **RADIO ON/OFF** button to turn on the FM radio.
2. **Auto Scan:** Press and hold the **SCAN** button to automatically scan and store available FM stations into presets.
3. **Manual Tuning:** Use the **TUNE +/-** buttons to manually adjust the frequency.
4. **Recalling Presets:** Use the **PRESET +/-** buttons to cycle through stored stations.
5. Adjust volume using the **VOLUME +/-** buttons.
6. Press **RADIO ON/OFF** again to turn off the radio.

6.4 Bluetooth Connectivity

1. Press the **MODE** button until "BT" appears on the display and the BT indicator flashes. The unit is now in pairing mode.
2. On your Bluetooth-enabled device, search for "HX-146CR" in the Bluetooth settings.
3. Select "HX-146CR" to pair. Once connected, the BT indicator will stop flashing and remain solid.
4. You can now play audio from your device through the alarm clock radio.

6.5 USB Charging

The unit features two USB ports for charging:

- **2.4A CHARGE Port:** Provides faster charging for compatible devices like smartphones and tablets.
- **1A CHARGE/PLAYBACK Port:** Provides standard charging for devices.

Simply connect your device's USB charging cable to the desired port on the front of the unit. Charging will begin automatically.



Figure 4: Charging a Smartphone

This image shows a smartphone connected to the 1A USB port for charging, demonstrating the device's capability to power external devices.



Figure 5: Charging Multiple Devices

Here, both USB ports are utilized to charge a tablet and a smartphone simultaneously, highlighting the dual charging functionality.

6.6 USB MP3 Playback

The 1A USB port also supports MP3 playback from a USB flash drive.

1. Insert a USB flash drive containing MP3 files into the **1A CHARGE/PLAYBACK** port.
2. Press the **MODE** button until the unit switches to USB playback mode. The display may show track information.
3. Use the **PLAY/PAUSE**, **NEXT**, and **PREVIOUS** buttons to control playback.

6.7 Sleep Timer

The sleep timer allows you to fall asleep to radio or Bluetooth audio, which will automatically turn off after a set duration.

1. While the radio or Bluetooth is playing, press the **SLEEP** button repeatedly to cycle through available sleep timer durations (e.g., 120, 90, 60, 30, 15 minutes, OFF).
2. The display will show the selected duration. The unit will automatically turn off after this time.

6.8 Snooze Function

When an alarm sounds, press the **SNOOZE** button to temporarily silence the alarm for approximately 9 minutes. The alarm will sound again after the snooze period.

6.9 Display Brightness

The display brightness can be adjusted. Press the **DIMMER** button (or similar, refer to button labels on your unit) repeatedly to cycle through different brightness levels.

7. MAINTENANCE

7.1 Cleaning

- Wipe the unit with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.

7.2 Battery Replacement (for Memory Backup)

If the time and settings are lost during a power outage, the backup batteries may need replacement. Open the battery compartment on the bottom of the unit and replace the old batteries with new ones of the specified type (e.g., 2 x AAA batteries).

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Power adapter not connected or faulty.	Ensure the AC/DC adapter is securely plugged into the unit and a working wall outlet.
No sound from radio/Bluetooth.	Volume too low; incorrect mode; Bluetooth not paired.	Increase volume. Ensure correct mode (FM/BT) is selected. Re-pair Bluetooth device.
Poor FM radio reception.	Antenna not extended or positioned correctly.	Fully extend the FM wire antenna and adjust its position for better signal.
Alarm does not sound.	Alarm not set or deactivated; volume too low.	Verify alarm time and activation (AL.1/AL.2 indicator). Ensure alarm volume is audible.
USB MP3 playback not working.	USB drive not formatted correctly; unsupported file type; incorrect port.	Ensure USB drive is formatted to FAT/FAT32 and contains MP3 files. Use the 1A CHARGE/PLAYBACK port.
Time/settings lost after power outage.	Backup batteries are dead or not installed.	Install or replace backup batteries (e.g., 2 x AAA).

9. SPECIFICATIONS



Figure 6: Product Dimensions

This image provides the physical dimensions of the alarm clock radio: 166mm in length, 82mm in height, and 69mm in depth.

- **Model:** HX-146CR
- **Brand:** HANNLOMAX
- **Display:** 1.2" Green LED
- **Radio:** PLL FM with Presets
- **Alarms:** Dual Alarms (Wake to Buzzer or Radio)
- **Connectivity:** Bluetooth
- **USB Ports:**
 - 1 x 2.4A USB Charging Port
 - 1 x 1A USB Charging / MP3 Playback Port
- **Power:** AC/DC Adapter (included)
- **Memory Backup:** Requires backup batteries (not included, e.g., AAA type)
- **Product Dimensions:** 16.31 x 6.91 x 8.51 cm (6.42 x 2.72 x 3.35 inches)
- **Item Weight:** 449 g (0.99 lbs)
- **Color:** Silver

10. WARRANTY AND SUPPORT

HANNLOMAX products are designed and manufactured to the highest quality standards. For warranty information or technical support, please refer to the warranty card included with your purchase or visit the official HANNLOMAX website. Please have your model number (HX-146CR) and purchase details ready when contacting support.

