



C12

Alarm Clock with Bluetooth Speaker
FM Radio and USB Charging Ports



IMPORTANT:

For optimal use of this product, please read this manual carefully and keep it handy for future reference.

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1. Product Features

- Plays music straight from your SD card
- Built-in FM radio
- Plays music wirelessly via Bluetooth
- Hands-free calling via Bluetooth
- Dual USB ports allow simultaneous charging of two devices
- Large LCD screen with adjustable brightness
- Preprogrammed melodic alarm with adjustable volume
- Optional alarm sources (FM radio, SD card, preprogrammed melodic alarms)
- Snooze function
- Built-in thermometer ($^{\circ}\text{C}$ or $^{\circ}\text{F}$)
- 3.5mm AUX-in jack

2. What's Included

Please check the contents of the box after purchase. You should find 1 of each:

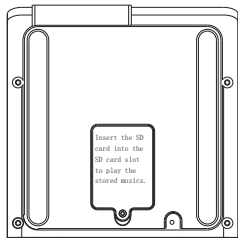
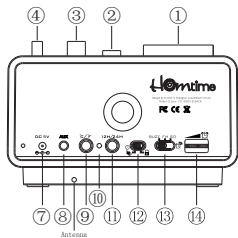
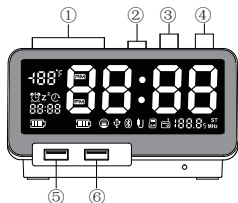
- | | | | |
|-----------------|------|-----------------|------|
| • C12 unit | 1 PC | • Power adaptor | 1 PC |
| • User manual | 1 PC | • Warranty card | 1 PC |
| • Certification | 1 PC | | |

3. Specifications

- Bluetooth version: 2.1+EDR
- Bluetooth range: 10m
- Output: RMS 3W + 3W
- Frequency response: 70Hz-20KHz
- FM frequency range: 87.5-108MHz
- Standby power consumption: <0.8W
- Maximum power consumption: 15W
- S/N ratio: >60 decibels
- Distortion: <1%
- Power: 100-240V AC, 50/60Hz
- Net weight: 564g
- Dimensions: 128 x 130.5 x 71.6mm

4. Diagram of the C12 Controls

- ① Large Rotary Knob
- ② Alarm Set Button
- ③ Mode Selector and On/Off Knob
- ④ Small Knob
- ⑤ USB Charging Port 1
- ⑥ USB Charging Port 2
- ⑦ DC Adaptor Socket
- ⑧ AUX-in Jack
- ⑨ Celsius/Fahrenheit Selector Switch
- ⑩ Temperature sensor
- ⑪ 24hr/12hr Mode Selector Switch
- ⑫ Time Set Switch
- ⑬ Alarm Source Selector Switch
- ⑭ Alarm Volume Control



5. Main Controls

① Large Rotary Knob:

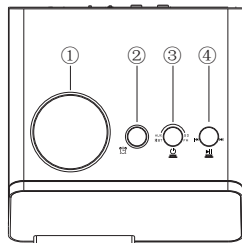
- For setting time, alarm, snooze, volume and backlight brightness settings

② Alarm Set Button

③ Mode Selector and On/Off Knob

④ Small Rotary Knob:

- When playing music via Bluetooth, turn once to skip and hold for fast-forward/rewind
- When playing the FM radio, press once, then turn and hold to scan through frequencies (clockwise for higher and anticlockwise for lower frequencies)
- When in FM radio mode, press to auto-scan frequencies
- When in Bluetooth speaker mode, press to play, pause, fast forward, rewind, skip and repeat songs



6. Large Rotary Knob Main Functions

6.1 On/off settings

- Press to turn on
- Press and hold to turn off

6.2 Bluetooth speaker playing mode

- To activate Bluetooth connectivity, turn to select the
- Bluetooth icon. Then pair with your device to play music or use for hands-free calling

6.3 AUX-in playing mode

- Turn to select the AUX-in icon. Connect the 3.5mm stereo cable of your device to play music

6.4 SD card playing mode

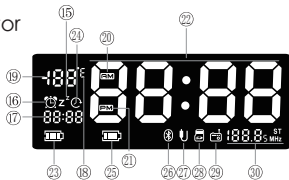
- Turn to select the SD card icon

6.5 FM radio playing mode

- Turn to select the FM radio icon

7. LCD Screen

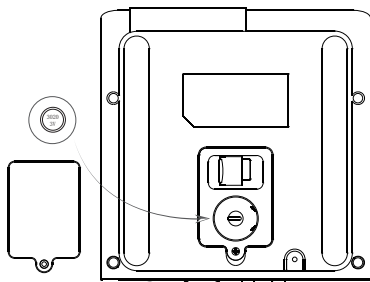
- ⑮ **Z** Snooze function indicator
- ⑯ **⌚** Alarm clock setting indicator
- ⑰ **88:88** Alarm clock time set (24-hour mode only) indicator
- ⑱ **°C** Celsius/Fahrenheit indicator
- ⑲ **18.8°C** Temperature reading
- ⑳ **AM** AM indicator in 12-hour mode
- ㉑ **PM** PM indicator in 12-hour mode
- ㉒ Digital clock-Minute
- ㉓ **🔌** USB port 1 charging indicator
- ㉔ **🕒** Setting up clock time
- ㉕ **🔌** USB port 2 charging indicator
- ㉖ **📶** Bluetooth mode indicator
- ㉗ **U** AUX-in mode indicator
- ㉘ **SD** SD card mode indicator
- ㉙ **FM** FM radio mode indicator
- ㉚ **188.8 MHz** FM radio frequency indicator



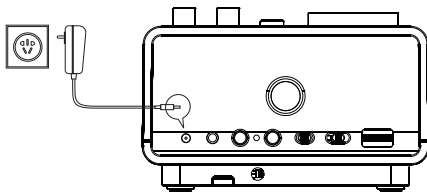
8 Setting and Operation

8.1 Backup Battery

Install the bottom battery in the package into the compartment on the bottom of C12, as shown in the figure




8.2 Power Plug-in




8.3 Turn On/Off

- Once plugged into a wall socket, the C12 is on standby mode. Press ③ to turn the unit on
- Press and hold ③ to turn the C12 off. Once in this mode, the LCD will continue to show the time and temperature

8.4 Time Setting

- Slide the time set switch  to time set mode. This will cause the time to flash on the LCD. Turn ① to set the desired time. Then press ① to set the time. Slide the time setting switch to lock mode to lock-in the desired time
- Press 12H/24H to switch between 12h/24h time settings
- Press ② to set the alarm. The alarm clock icon will light up and the digital clock face will start flashing. Turn ① to set the desired alarm time. This mode will automatically be exited after 10 seconds of inactivity. When the alarm is set, the alarm is automatically programmed to repeat daily. To ensure that the alarm only activates once, press and hold ① until the warning tone sounds. Press ② to set or unset the alarm. To make a new alarm, turn ①


8.5 Alarm Types:

- Choose from buzzer, FM radio or SD card alarm types by sliding  to the desired setting

8.6 Snooze:

- When the alarm sounds, press ① . This will activate snooze mode
- The alarm will repeat every 9 minutes for the 30 minutes proceeding the original alarm

8.7 Clock Alarm Volume:

- When the alarm sounds, the alarm volume will gradually increase. This volume can be adjusted by 

8.8 Cancel the Alarm:

- To cancel the alarm, press ② . Press ② again, and the last alarm time will be displayed.
- To reset the alarm, rotate ① . If resetting is not required, press ① to reactivate the last set alarm.

- The alarm will return to the original setting automatically after 10 seconds of inactivity
- The alarm will repeat for 30 minutes if no button is pressed. After that, press the alarm switch to reactivate the alarm for the following day

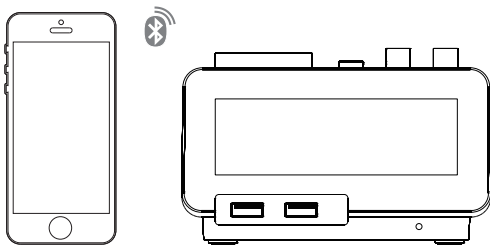
8.9 Alarm Clock Memory:

- The last alarm time set is stored in the C12's memory for easy activation

9. Playing Music

9.1 Play Music via Bluetooth:

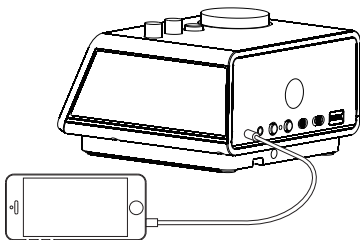
- To sync with a Bluetooth device, rotate ③ until the Bluetooth icon is selected. Go to your mobile device's Bluetooth settings and search for "C12" to sync. Once synced, an audible alert will sound. The Bluetooth icon will light up whilst connected and flash when disconnected. This unit can only be paired with one device at a time



- To play or pause the music, press ④
- To skip forwards, turn ④ clockwise. Turn ④ anticlockwise to skip backwards
- To fast-forward, turn and hold ④ clockwise. Turn and hold ④ anticlockwise to rewind

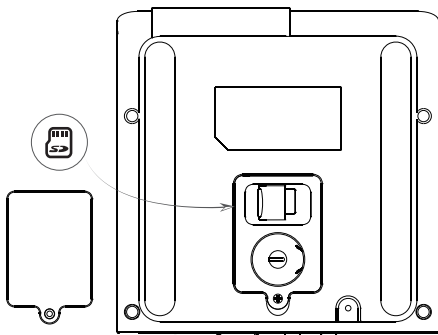
9.2 Play Music via AUX-in Jack:

Insert a 3.5mm stereo cable into the AUX-in jack. Rotate ④ until the icon lights up on the LCD



9.3 Play Music via SD Card:

- Insert a SD card into the SD card slot. Rotate ④ until the SD icon lights up on the LCD
- To play or pause the music, press ④
- To skip forwards, turn ④ clockwise. Turn ④ anticlockwise to skip backwards
- To adjust the volume, rotate ①



10. Hands-free Mode

- Once the unit is paired with a Bluetooth-enabled device, press ① to accept an incoming call
- To end a call, press ①

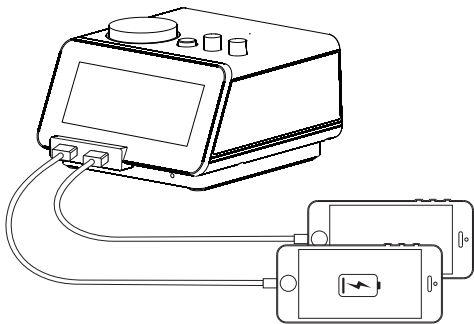
11. FM Radio

- Turn ④ until the FM radio icon lights up on the LCD
- To auto-scan frequencies, turn and hold ④ (Note: the frequency range of the FM Radio is from 87.5MHz to 108MHz)
- To scan from the current station to the next, press once on ④

- To quickly scan through stations, turn and hold ④ (Note: If you are experiencing poor FM reception, reposition the C12)

12. USB Charging

- To change your USB-compatible devices, plug them in via one of the USB ports and turn the unit on
- The charging icon will light up to indicate charging



13. Backlight

- To adjust the brightness of the LCD, press ①
- To scan between the four brightness settings, press ①



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