

AM/FM DIGITAL CLOCK RADIO

:: Import notes

- Please review this manual and keep it safe so that you can refer to it at any time before operation.
- Computer systems , flulights , electric motors , motor vehicles , etc. can cause interference and should be avoided .
- While listening to AM station which depends on the hidden magnetic rod antenna, so you can adjust the unit location for the best reception. Also, the angle of the telescopic antenna can be elongated and turned in the direction for better FM reception.
- Do not let the backup battery that is about to run out be placed in the machine for too long, to avoid leakage causing damage to the parts.
- Avoid extensive moisture temperature environment above 40 °C or below 0 °C .
- Place the unit on a flat and stable surface with good ventilation to avoid damage to the unit.

Important safety instructions

For United States:

Cautions to the user

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF exposure statements

IMPORTANT NOTE:

To comply with the FCC RF exposure compliance requirements, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm (8 inches) from all persons and must not be colocated or operating in conjunction with any other antenna or transmitter. No change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

Note:

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 guaranty 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.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of the electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to so.

:: Specifications

Main unit specification	
Product size	L*W*H=115*110*60mm
Weight of the main unit	Pending

Power specification	
Input voltage	DC5V±5%
Input current	<2A
Power consumption	<6W
Backup battery	AAA alkaline battery x 2
Battery life	Power down time < 30 times, single time < 1hour, last for one year

Radio specification	
Bands	AM/FM
Frequency range	AM (9k): 522–1710 kHz AM (10k): 520–1710 kHz
	FM: 64---108MHz

Wi-Fi parameters	
Wi-Fi protocol supported	802.11.b/g/n
The connection distance	< = 100M (open and unobstructed range).

Display specification	
Display parameters	4 Digi 7-segment white LED digital tube
The size of the display	84*26mm

Audio specification	
Speakers	1.5-inch 4-ohm, /3W speaker
Amplifier parameters	3W/4-ohm mono output

TF card parameters	
TF card protocol	Compatible with SDIO card protocol V3.0
Capacity is supported	Up to 64GB

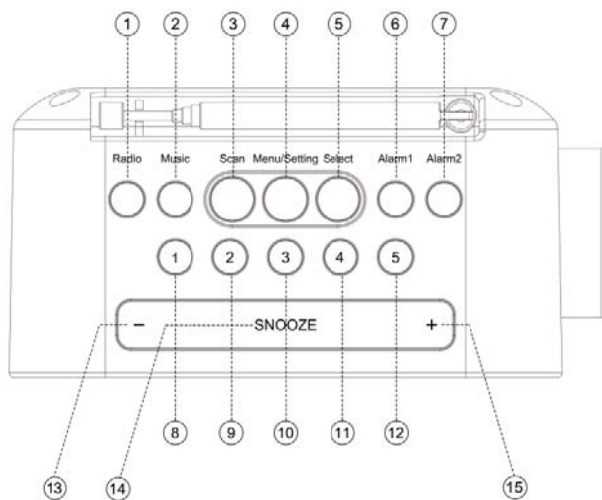
Supported media file	
Audio file	MP3/WMA/PCM (Reference only, Pending)

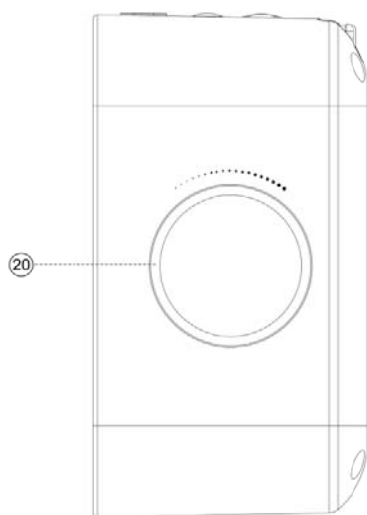
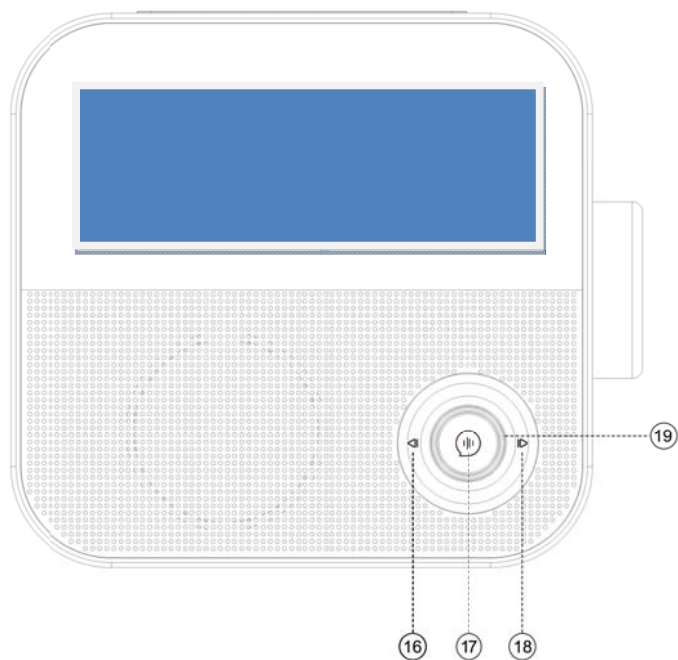
Environment parameters	
Operating temperature range	0°C ~ +40°C
Storage temperature range	-20°C ~ +55°C
Operating Humidity range	45% ~ 80%RH
Storage humidity range	30% ~ 90%RH

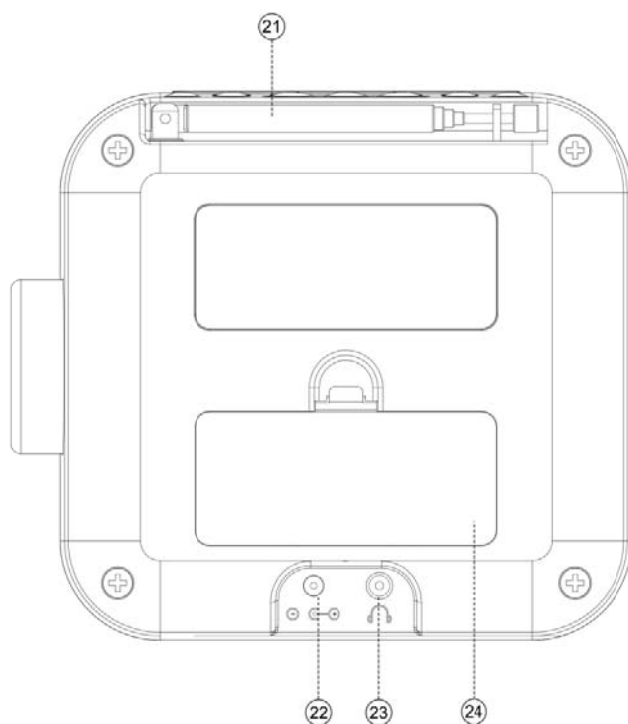
Controls

1. Radio key
2. Music key
3. Scan key
4. Menu/Setting key
5. Select key
6. Alarm1 key
7. Alarm2 key
8. Memory 1 key
9. Memory 2 key
10. Memory 3 key
11. Memory 4 key
12. Memory 5 key
13. “-” Tuning down/previous key
14. SNOOZE Key
15. “+” Tuning up/next key
16.  previous Voice message key
17.  current message playback key
18.  next Voice message key
19. Message indicator light

- 20. Volume swivel knob
- 21. Telescopic antenna
- 22. DC IN power jack
- 23. Headphone jack
- 24. Battery compartment







LED display

A. White noise/music icon

B. FM band icon

C. AM band icon

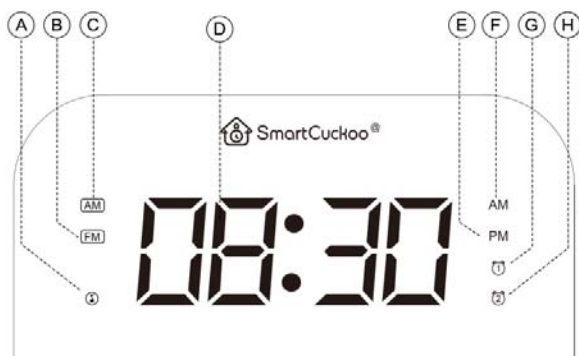
D. Frequency/time

E. PM (Afternoon) icon

F. AM (Morning) icon

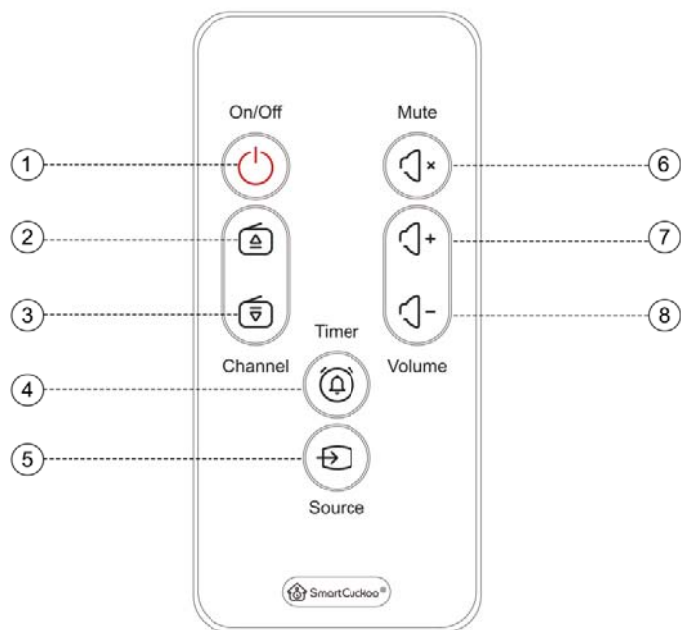
G.  Alarm 1

H.  Alarm 2



:: Remote control

1. On/OFF function key
2. Tuning up key
3. Tuning down key
4. Timer key
5. Source selection key
6. Mute key
7. Volume up key
8. Volume down key



:: Power source

Use a suitable AC-to-DC adapter for input voltage $5V < 2A$

:: Radio

Radio on/off

Press Radio key to turn on, then switch between AM/FM by Band key, pull out the lever antenna when you want to listen to the FM station. The display shows the band frequency for 15s, if you do not operate any key, it will return to the time display. Press Radio key again to check on the current radio frequency playing. Press and hold the Radio key for about 2 seconds to exit radio mode.

Turn off the station by timer

While listening to the radio, the display cycles through OFF/"30"/ "60"/ "90"/ "120" for each press of the Snooze key to set playback duration before radio turn of automatically. Select the duration you want until the display stops flashing and the setting is done. To cancel the setting by cycling the Snooze key to OFF, the radio will keep playing continuously.

Three ways to select radio frequencies

Automatic scanning of the station

Press the Scan key move to the next available station, the display will shows the current radio frequency. Stay with it or press again for next station. The display will back to time display if no operation is done in 15 s.

Manual search

Press either "+" or "-" once, the station frequency will go up/down in single step. Or, long press the "+" or "-" key for 2s, it will search for next available station. Stay with the station and display will back to time display or repeat for another station.

Selecting your favorite station memory

When you're listening to your favorite radio station, press and hold the memory "1 - 5" button about 2S, the display frequency flashes, the radio station will be store at the key position. Repeating the same, the new station replaces the original station memory. To invoke a memory station, you can listen to it by clicking the corresponding key on the memory station "1 - 5".

:: Voice messages

This machine can playback voice messages sent by the SmartCukoo APP. (See the APP page diagram for details of the operation).

Voice message playback (unread)

If the Message indicator light flashes, press the button  to play the latest message. During playback, the display showing the message date. If multiple messages exist, it will playback each automatically. The unit will go back to normal status in 3s after all messages was read.

Listened to voice playback

If you want to replay a voice message you've listened, press the  key to play the last voice message you received. The message will playback once and go back to previous status in 3s. Press  or  to switch forward and backward for the voice message stored in the machine.

Delete the message

Click  to display the most recent voice date on the display, hold down Select key, the display date will flash, the message will be deleted after holding the key about 2S. Other's message can be deleted by repeating the process.

Press  or  to select just the voice messages you want to delete and taking the above procedure . You can also use the APP to delete message individually or in bulk. (See app page diagram for more information about the operation).

:: White Noise playback

This machine stores 5 white noise selection (1 - 5) by default.

White Noise / Music Play

Press the Music button and select white noise mode while the display icon  lights up. Press the pre-set "1 - 5" key to select tracks, or press ""+/-" key to Loop through different tracks, the display shows the track number and the current time display will show up after 15S.

You can play more tracks, or you can replace the pre-set favorite tracks inside the SmartCukoo APP (see app page diagram for more details). Press and hold the Music button 2S to exit music playback mode and the display icon

 disappears.

:: Clock / Date / Alarm

Clock/date settings

1. When the unit is on, press Menu/Setting, the display will flash and enter clock/date setting.
2. The display shows 12H or 24H, it will switch between 12/24 by press scan key once.
3. Press menu/Setting, the "hour" digit will flash, select the correct hour by pressing "+" or "- ", click Select key to Save.
4. the "minute" digit will flash, select the correct minute by pressing "+" or "- ", click Select key to Save.
5. the "year" digit will flash, select the correct year by pressing "+" or "- ", click Select key to Save.
6. the "month" digit will flash, select the correct month by pressing "+" or "- ", click Select key to Save.
7. the "day" digit will flash, select the correct day by pressing "+" or "- ", click Select key to Save.
8. The display flashes and show current time setting, press the Menu/Setting key to complete the time date setting.

Automatic clock/date setting

Start SmartCukoo APP, connect to the unit, and the clock will set synchronize as your mobile time.

Alarm setting

1. Press Alarm1 or Alarm2, /  icon will flash, pressing the Menu/Setting, entering the alarm setting mode.
2. The "hour", select the correct hour by pressing "+" or "- ", click Select key to Save.
3. The "minute", select the correct minute by pressing "+" or "- ", click Select key to Save.
4. Go to source selection, press ""+/-" to select the desired ringtone; press Scan key switch to AM/FM band, press the """"+/-"" key to select the radio frequency, or select "1 - 5" pre-set station . Click Select Save.

5. The display back to the current time, press menu/Setting to complete the setup. You will see the ① or ② icon on the display.
6. You can set up more alarm inside the SmartCukoo APP.

Stop and cancel the alarm setting

1. When the alarm started, press Alarm1/Alarm2 to stop the current alarm.
2. Press and hold the Alarm1/Alarm2 key for about 5 seconds to cancel the alarm setting, if you want to activate again, please read the above instruction.
3. The SmartCukoo app can have more settings. .

SNOOZE feature

When the alarm started, press the SNOOZE key to silent the alarm temporally. It will ring again in 5 minutes by default until you actually stop the current alarm as above mentioned. (you can choose different setting inside the app).

Sleep settings

The Sleep function can allow you to define when the Radio or White noise playback time.

In the Radio or White noise playback mode, single press the SNOOZE key to cycle from "OFF"/ "30"/ "60"/ "90"/ "120", stop pressing the SNOOZE key until you see your desire setting. The display will go back to current time in 15s and setting is done. Repeat the above process until you see "off" to cancel the timer.

You can also set/cancel the playback status inside the app or the remote hand set

:: Voice reminders

Schedule settings

Scheduled reminders can be set inside the app and playback from the unit.

(see app page diagram for details).

Stop and cancel reminder settings

1. Press either Alarm 1 or Alarm 2 to stop the reminder playback when it is activated.
2. Set/Cancel/Revise the reminder schedule inside the SmartCukoo app (see app page diagram for details).

SNOOZE feature

When the reminder started, press the SNOOZE key to silent the reminder temporally. It will start again in 5 minutes by default until you actually stop the current alarm as above mentioned. (you can choose different setting inside the app).

Auto dimmer

The display intensity will automatically adjust against the environment by default, and more settings can be done inside the app.

Smart Cukoo APP

Your Smart phone operating system must meet the following minimum requirements: IOS: iPhone 5s and above / Android: Android 6.0 and above

You can download the SmartCukoo app from Google play or Apple store by scanning the QR code below.

FCC Information

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

15.19 Labelling requirements.

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.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF warning statement: the device has been evaluated to meet general RF exposure requirement , The device can be used in portable exposure condition without restriction