MURING

DIGITAL ALARM CLOCK

Dual Alarm • Bluetooth 5.3 • FM Radio • White Noise

15W Wireless Charging • 10W Speaker • 15 RGB Lights



USER MANUAL
Model MAC-02

QUICK NAVIGATION

Contents

01 Contents - Quick Navigation

02 Safety Precaution

03 What’s Inside the Box

04 Specifications

05 Product Overview

06 Button Functions

07 Rear Ports & Connections

08 Display Icons & Indicators

09 Getting Started, Set the Clock & Modes

10 Set Both Alarms and Turn them On/Off

11 Snooze, Stop the Alarm, or Use the Sleep Timer

12 Night Light, Display Brightness & White Noise

13 Bluetooth, Hands-Free Calling & TWS Pairing

14 FM-Radio & Music Sources

15 15W Wireless Charging

16 FAQs & Customer Support

READ BEFORE USE

Safety Precautions

POWER

Use a suitable USB power source and compatible cable. Disconnect the product if the cable or connector is damaged.

KEEP DRY

Do not expose the alarm clock to water, rain, wet surfaces or excessive humidity.

AVOID HEAT

Keep away from flames, radiators and other heat sources. Do not cover the speaker grille or connection area.

WIRELESS CHARGING

Remove coins, keys, cards and other metal objects from the charging zone before placing a device on top.

BACKUP BATTERY

The 1200 mAh internal battery maintains time and alarm settings during short power interruptions. Keep external power connected for normal use.

SERVICE

Do not open or modify the unit. If the product is damaged or malfunctions, stop using it and contact us.

BEFORE SETUP

What’s Inside the Box



01 MURING Digital Alarm Clock



02 User Manual



04 Antenna Cable



03 USB-C Cable - 150 cm

Inspect all items before use. If an item is missing or visibly damaged, contact the seller before operating the product.

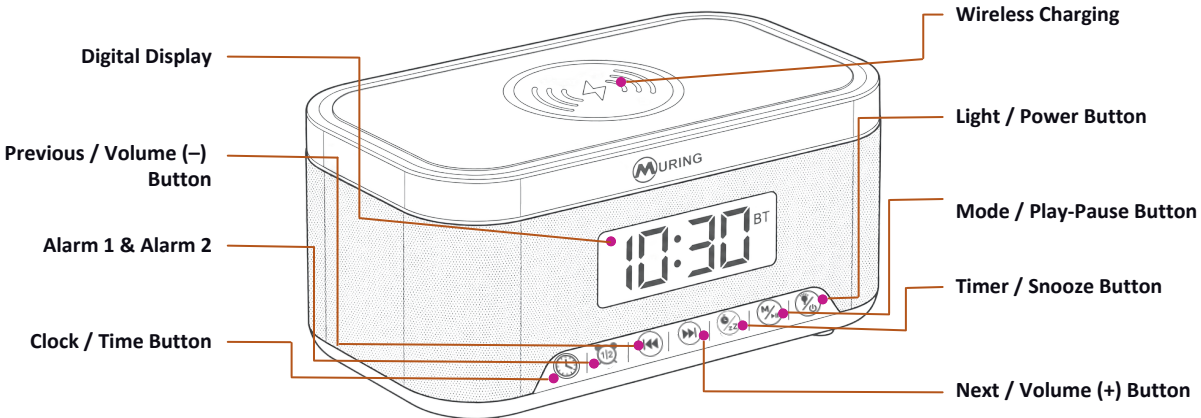
TECHNICAL REFERENCE

Specifications

Brand	Muring
Model	MAC-02
Product Weight	699 g
Dimensions	177 X 96 X 80 mm
Bluetooth	Version 5.3
Bluetooth Frequency	2.4GHz - 2.8GHz
Speaker Output	10 W
Wireless Charging	Up to 15 W
Backup Battery	1200 mAh
Battery Type	3.7V Lithium Battery
Transmission Distance	10 meters
Frequency Sound Range	50Hz - 20kHz
Power Input	5V/1A
Warranty	1 year
Signal-to-Noise Ratio (Whole Machine)	>75dB

KNOW YOUR PRODUCT

Product Overview



FUNCTION DESCRIPTION

Button Functions



Clock / Time Button
- Set the current time.
- Confirm hour/minute values during clock setup.



Alarm 1 / Alarm 2 Button
- Set Alarm 1 and Alarm 2.
- Enable or disable each alarm independently.



Previous / Volume (-) Button
- Decrease volume.
- Previous saved FM Station or Music.



Next / Volume (+) Button
- Increase volume.
- Next saved FM Station or Music.



Timer / Snooze Button
- Normal Operation: 15 / 30 / 60 min / OFF.
- While the alarm is ringing: press once for 10-minute snooze.

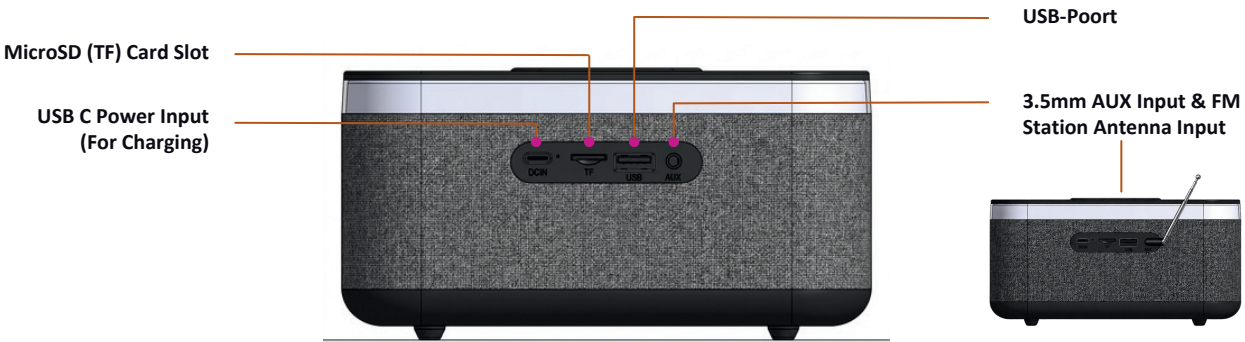


Mode / Play-Pause Button
- Operating mode (BT, FM Radio, MicroSD Card, Aux).
- Play or pause audio.
- Used for FM mode/search/save operation.



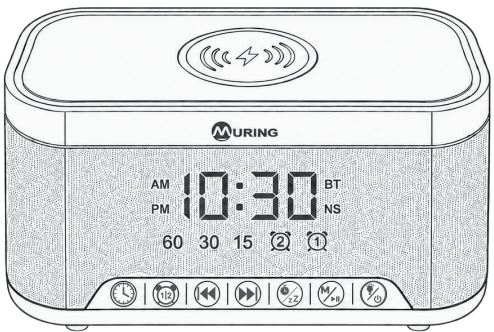
Light / Power Button
- Switch the unit on/off.
- Cycle through night-light modes.

Rear Ports & Connections



DISPLAY & INDICATORS

Display Icons & Indicators



Time Display
Shows the current time and the selected time during setup.

AM — Morning Indicator
Morning in 12-hour format.

PM — Afternoon/Evening Indicator
Afternoon or evening in 12-hour format.

BT — Bluetooth Indicator
Flashes while pairing; stays on when connected.

NS — White Noise Sound Indicator
Appears while a built-in sleep sound active.

Alarm 1 Indicator
Appears when Alarm 1 is turned on.

Alarm 2 Indicator
Appears when Alarm 2 is turned on.

60 / 30 / 15 — Sleep Timer
15, 30, or 60 shows the selected duration. No number means the timer is off.

FIRST-TIME SETUP

Getting Started, Set the Clock & Modes

GETTING STARTED

1. **Connect the USB-C cable to the charging port.**
   Use the included cable and a suitable USB power adapter. Keep the alarm clock connected to power during use.
2.  **Long-press Light / Power button to turn the clock on.**
   The alarm clock automatically starts in Bluetooth mode.

SET THE CLOCK

1.  **Press the Clock / Time button once.**
   The hour digits will begin flashing.
2.  **Set the hour using the Previous (–) or Next (+) button.**
   Press the Clock / Time button to confirm the hour.
3.  **Set the minutes.**
   Use the Previous (–) or Next (+) button, then press the Clock / Time button to save.

12 / 24 HOUR FORMAT

Long-press Clock / Time button to switch between the 12-hour and 24-hour format.

SWITCH BETWEEN MODES



Long-press Mode / Play-Pause button repeatedly.
Each long-press switches to the next mode. After the final mode, the cycle starts again with Bluetooth.

1. **Bluetooth**
   Activates automatically when the alarm clock is turned on.
2. **FM-Radio**
   The first long-press from startup opens FM Radio.
3. **White Noise**
   Play the built-in 7 relaxation and sleep sounds.
4. **MicroSD / USB / AUX**
   Available when the corresponding media is connected.

After the last available mode, the next long-press returns to Bluetooth.

DUAL ALARM SETUP

Set Both Alarms and Turn Them On/Off

SET ALARM 1

1. **Press once.**
   Continue when Alarm 1 is selected.
2. **Set the hour & minutes.**
   Use ⏮ ⏭ buttons to set the hour, then press 1|2. Set the minutes using ⏮ ⏭, then press 1|2 again to confirm.
3. **Choose an alarm sound**
   Press 1|2, then use ⏮ ⏭ to choose a sound to your liking.
4. **Press once to save.**

SET ALARM 2

1. **Double Press.**
   Continue when Alarm 2 is selected.
2. **Set the hour & minutes.**
   Use ⏮ ⏭ buttons to set the hour, then press 1|2. Set the minutes using ⏮ ⏭, then press 1|2 again to confirm.
3. **Choose an alarm sound**
   Press 1|2, then use ⏮ ⏭ to choose a sound to your liking.
4. **Press once to save.**

TURN ALARMS ON / OFF

Long-press repeatedly to move through these combinations:

1. **Alarm 1 turns OFF**
2. **Alarm 2 turns OFF**
3. **Alarm 1 turns ON**
4. **Alarm 2 turns ON**

Check the display after each long-press. An alarm's indicator appears when it is ON and disappears when it is OFF. Turning it back on restores its saved time and sound.

ALARM & AUTO SHUT-OFF

Snooze, Stop the Alarm, or Use the Sleep Timer

WHEN THE ALARM RINGS

1.  **Press once to snooze.**
   The alarm stops and rings again after 10 minutes.
2. **Press any other button to stop alarm**
   The saved alarm stays enabled for the next scheduled day.
3. **If you do nothing:**
   The alarm rings for 1 minute, pauses for 10 minutes, and then rings again. This cycle continues until the alarm is stopped.

USE THE SLEEP TIMER

1.  **Press repeatedly to choose:**
   15 minutes → 30 minutes → 60 minutes → OFF
2. **When the timer expires:**
   Music, FM, or white noise sound and the night light, and the clock display switch off.
3. **Your saved alarm stays active.**
   The alarm can still ring at its scheduled time.

To cancel the timer early, press the  button repeatedly until you cycle past “60” and the timer indicator disappears from the display.

Night Light, Display Brightness & White Noise

THE NIGHT LIGHT CYCLES



Short-press repeatedly. The complete sequence always cycles:

1	**White Light High**
2	**White Light Medium**
3	**White Light Low**
4-15	**Cycle through the colorful light effects**
15	**Light OFF**

- **NEXT PRESS → the cycle starts again from the White Light High.**
- **Only white light has High, Medium, and Low levels.**
- **Color modes use preset brightness.**

CLOCK DISPLAY BRIGHTNESS

1 

Double-press for display brightness.

High → Medium → Low → High (cycles)

WHITE NOISE SOUND - 7 ALARM TONES

1 

Long-press to open Sleep Sounds.

Short-press to play or pause the selected sound.

2 

Choose the sound you want.

Alarm 1 → Alarm 2 → Alarm 3 → Lullaby / Piano → Rain Sound → Beach Wave Sound → White Noise

After White Noise, the sound selection cycles back to Alarm 1.

WIRELESS STEREO AUDIO

Bluetooth, Hands-Free Calling & TWS Pairing

CONNECT TO THE ALARM CLOCK

1. **When Switched On:**
   Bluetooth pairing mode starts automatically.
2. **Open Bluetooth on your phone.**
   Select “Muring Audio” from the device list.
3. **Wait for the confirmation tone.**
   The speaker is connected and ready to play.

CONTROL PLAYBACK



Press once
Play or pause music



Short-press: Previous track
Long-press: Volume down



Short-press: Next track
Long-press: Volume up

HANDS-FREE CALLING

Available while your phone is connected in Bluetooth mode.



ANSWER
Press Mode / Play-Pause once.



END THE CALL
During the call, press the button.



REJECT
While the phone is ringing, long-press the button.



CALL BACK
With no active call, double-press the button.

The same Mode / Play-Pause button controls all call functions.

PAIR TWO SPEAKERS (TWS)

1. **Turn on both MURING speakers.**
   Do not connect either speaker to your phone yet.
2. 
   Long-press this button on one speaker.
   A tone confirms that the two speakers are paired.
3. **Connect your phone to “Muring Audio.”**
   Connect to one speaker only. Both will play in stereo.

IMPORTANT

1 Disconnect both speakers from other Bluetooth devices before pairing.

2 Both speakers can control the volume.

3 Keep the speakers within 15 meters of each other, preferably in an open space.

PLAYBACK & RADIO

FM Radio & Music Sources

FM RADIO

1. **Insert the detachable antenna into AUX.**
   Extend and reposition it for better reception.

2.  **Long-press to enter FM mode.**

3.  **Press once to scan automatically.**
   It will automatically scan for an available station.

4.  **Press once to save a station.**
   Note: You can press once many times to save a station. Saved stations appear as CH01, CH02, CH03, and so on.

5.  **Short press for browse saved stations.**
   Long-press for volume.

TF CARD, USB STICK & AUX CABLE

TF / microSD CARD

Insert a microSD card with supported music files. Playback starts automatically. Use Previous/Next for tracks; long-press for volume.

USB STICK

Insert a USB stick with supported music files. Playback starts automatically. Use Previous/Next for tracks; long-press for volume.

AUX CABLE

Remove the FM antenna from the AUX port. Connect a 3.5 mm AUX cable to your phone, tablet, or audio device. Control tracks from the connected device.

The AUX port is shared: antenna for FM OR AUX cable for audio - not both.

CHARGE YOUR PHONE

15W Wireless Charging

Place a phone that supports wireless charging on top of the alarm clock.



1 **Connect the power**

Keep the alarm clock connected to USB-C power. Wireless charging requires external power.



2 **Position your phone**

Place the phone flat and align its center with the Qi symbol. Reposition it slightly if needed.



3 **Confirm charging**

Check the phone screen for the charging indicator before leaving it on the charging surface.

FOR BEST RESULTS

Keep the surface clean • Remove metal or magnetic objects • Use a case thinner than 5 mm • Reposition the phone if charging does not begin.

Keep the alarm clock connected to USB-C power. Supports up to 15W with a compatible wireless charging phone and power adapter.