FN20说明书

20260626

User Manual

Wake-Up Light & White Noise Sleep Sound Machine

Model:

FN20

V1.0

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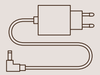
Package Contents

FN20 Sunrise Alarm Clock

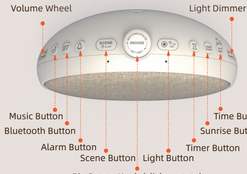


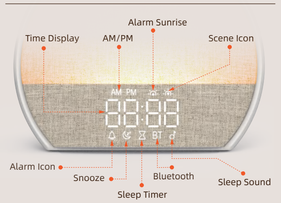
Power adapter (with cable)
(12V 1A)

User Manual

Quick start guide

Product Overview





Getting Started

1. Connect power: Plug the 12V 1A adapter into the rear DC port and a wall outlet.

2. (Optional) Insert two AAA batteries into the bottom compartment for memory backup.

3. Bluetooth time sync:
- Press the Bluetooth button. The indicator flashes.
- On your phone, go to Bluetooth settings and pair with "**FN20**".
- The clock automatically sets to your phone's time.

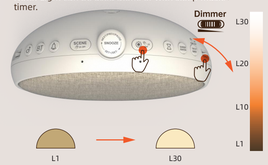
4. Default alarm is 7:30 AM with sunrise enabled. You can change it later.

Light Functions

15 Colors + 30 Brightness Levels

- Available colors-10 solid:
  Warm White, Red, Orange, Yellow, Green, Cyan, Blue, Purple, White.
- Pink- 5 dynamic effects:
  Ocean Sunrise, Campfire, Rain, Fantastic Journey, Up-Down Gradient.

Operation:
- Turn on / change color: Short press Light Button.
- Adjust brightness: Rotate Light Dimmer Wheel (L1 = dimmest, L30 = brightest).
- Turn off light: Long press Light Button.
  Note: Light can be used alone or with sleep music / timer.

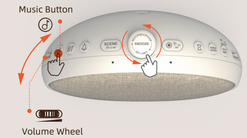


Sleep Music

33 Tracks (32 Volume Levels)Track order (organized groups):

1. Nature sounds (rain, ocean, forest)
2. Baby lullabies
3. Soft piano / ambient
4. Noise masking (white noise, brown noise, pink noise)
5. Fan / wind sounds

Operation:
- Play / switch track:
  Short press Music Button.
- Adjust volume:
  Rotate Volume Wheel (V1 – V32).
- Next / previous track:
  Rotate Big Rotary Knob (easier than Music Button).
- Turn off music:
  Long press Music Button.



Bluetooth Music

- Play from Your Phone Enable Bluetooth:
  Short press Bluetooth Button. Display shows "BT".Pair with "FN20" on your phone.
- Play / pause:
  Click the Big Rotary Knob.
- Skip track:
  Rotate Big Rotary Knob.
- Volume control:
  Use Volume Wheel (independent from phone volume).
- Disconnect / exit:
  Long press Bluetooth Button.
- Note: Once connected, the clock time is automatically synchronized.（Most cell phone models）

1.Short press Bluetooth Button.

2.Pair with "FN20" on your phone.

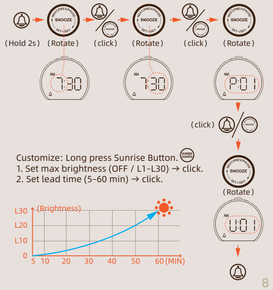
Enable Bluetooth to access phone info for auto time sync.

Auto time sync

Alarm & Sunrise

Alarm Clock & Sunrise Wake-Up Light Single alarm with 9 ringtones (S01–S09). Volume adjustable V1-V32.

▶ Enable / disable alarm: Short press Alarm Button. Alarm icon appears/disappears.
▶ Set alarm time, ringtone, volume:
1. Long press Alarm Button (2 sec). Hour flashes.
2. Rotate Big Rotary Knob to set hour → click to confirm.
3. Rotate Big Rotary Knob to set minutes → click.
4. Select ringtone (S01–S09 or OFF) → click.
5. Set max volume (V1–V32) → click. Settings saved.
▶ Sunrise Wake-Up Light (gradual light before alarm):
Default: ON, brightness L15, starts 30 min before alarm.



Customize: Long press Sunrise Button.
1. Set max brightness (OFF / L1–L30) → click.
2. Set lead time (5–60 min) → click.

Display Brightness

Display Brightness Control

Short press " " repeatedly to cycle: L0 (off) → L1 → L2 → L3 → L4 (default) → L5 (max) → back to L0.

When display is L0 (off), pressing any button temporarily lights the display at L4 for 5 seconds.
After the alarm rings, display returns to default L4.

Display Brightness

Time Setting – Manual & Bluetooth Auto Sync
✔ Auto sync (recommended): Once Bluetooth connected, time updates automatically.
✔ (Most cell phone models)
Manual setting:
1. Long press Time Button (2 sec).
2. Rotate Big Rotary Knob to select 12H or 24H format → click.
3. Set hour → click.
4. Set minute → click.

Time Auto Sync

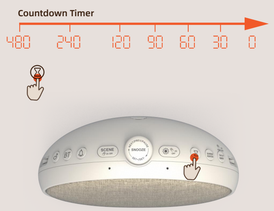
Snooze

Snooze – 9 Minutes, Unlimited Times
- When alarm rings, click Big Rotary Knob once. Alarm stops and rings again after 9 minutes.
- You can snooze any number of times.

Without snooze:
alarm automatically stops after 20 minutes (light and sound off). Next day's alarm unaffected.

Countdown Timer

Countdown Timer (30–480 min)Available durations:
30 / 60 / 90 / 120 / 240 / 480 minutes and OFF.
How to use:
1. Turn on light or music (timer requires at least one to be active).
2. Short press Timer Button repeatedly to select duration. After 3 seconds, countdown starts.
3. To check remaining time: short press Timer Button once.
4. While counting down, you can change light or music freely, or switch to a Scene Mode.



Scene Modes

Scene Modes – 5 Fixed Sound+Light Combinations

SCENE (2s OFF)

Scene Mode	Light Effect	Sound Effect
Scene Mode	Flickering orange	Crackling fire sound
Rain light	Rain gradient	Rain shower sound
Fantastic Journey	Fantastic Color Changing	Calming Sound
Ocean Sunrise	Slow Sunrise Ocean	English bagpipes sound
Up-Down Gradient	Vertical color	Sleep ambient sound

- Activate / switch:
  Short press Scene Button or rotate Big Rotary Knob. Adjust brightness & volume normally with dimmer and volume wheels.
- Exit scene:
  Long press Scene Button.

Memory Function

Backup Batteries- Install two AAA batteries (not included) into the bottom compartment.

During power loss, all settings are preserved:
- Alarm time, ringtone, volume
- Sunrise max brightness and lead time
- Last used light color & brightness
- Last used sleep music track & volume
- Display brightness preference
- 12/24H format

When power is restored, the device resumes with saved settings.

Specifications

Feature	Specification
Sound levels	32 steps (V1–V32)
Light levels	30 steps (L1–L30) + OFF
Sleep music tracks	33
Light colors	15 (10 solid + 5 chase)
Alarm ringtones	9 (S01–S09)
Display brightness	L0 (off), L1–L5
Speaker	5W with full cavity + diaphragm
Time format	12/24H selectable, default 12H
Bluetooth	Latest version, name "FN20"
Countdown timer	30/60/90/120/240/480min and OFF
Snooze	9 min, unlimited; alarm max 20 min
Memory backup	2 x AAA batteries (not included)
Input power	12V 1A DC adapter

Troubleshooting

Issue	Solution
Time not auto-syncing	Ensure Bluetooth connected. Or set manually.
Sunrise light doesn't	Check alarm is ON and sunrise brightness not OFF.
Countdown won't start	Turn on light or music first.
No Bluetooth sound	Press Bluetooth button to pair. Check volume.
Display too bright at night	Press Time Button to lower brightness to L1/L0.
Alarm volume too low/high	Long press Alarm → adjust volume step (V1–V32).

Safety & Warranty

Safety Information
Use only the supplied 12V 1A adapter.
Keep away from water and moisture. Clean with dry soft cloth.
Remove AAA batteries if storing for long periods.
Do not block speaker grille or light diffuser.
Warranty: One-year limited warranty.
Contact support at **[www.vivlux.com or support@vivlux.com].**

FCC Statement
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.
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.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment, This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.