QUICK START GUIDE

GGE04

WHAT'S IN THE BOX

TURN ON THE STAR PROJECTOR

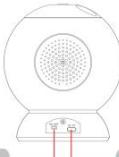## TIME SETTING

SINGLE PRESS TO SELECT
LONG PRESS TO CONFIRM

OPERATION INSTRUCTION
STAR PROJECTOR ALARM
ALARM- IR REMOTE CONTROL

Contents

1.Operation

main switch

TYPE-C charging port

1.1 For the first time, please fully charge the battery until green light flashed. The red light flashes when charging.

1.2 Charging port: TYPE-C, output voltage DC5V 1-3A.

1.3 Toggle the main switch left/right to power on/off.

2.Setting Clock

Clock-setting

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6AM-8PM: Smile — AM—ante meridiem
8PM-6AM: Sleepy — PM— post meridiem
Time--hour
Time--minute
Time--week
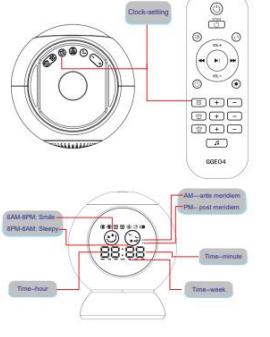
TURN ON THE SKY PROJECTOR

SINGLE PRESS TO SELECT
LONG PRESS TO ADJUST PROJECTOR BRIGHTNESS

BLUETOOTH PAIRING

PRESS THE "L" KEY TO TURN ON THE BLUETOOTH

20 WHITE NOISE

SINGLE PRESS TO SELECT;
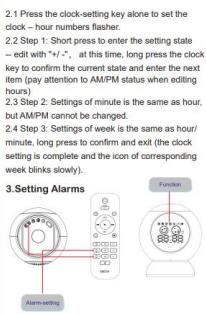LONG PRESS TO ADJUST VOLUME . PRESS ANY OTHER KEYS TO CANCEL THE WHITE NOISE

ALARM SETTING

SINGLE PRESS TO SELECT
LONG PRESS TO CONFIRM OR CANCEL

ADJUST THE SCREEN BRIGHTNESS

SCREEN DIMMED — BRIGHTEN THE SCREEN

2.1 Press the clock-setting key alone to set the clock – hour numbers flasher.

2.2 Step 1: Short press to enter the setting state – edit with "+/ -", at this time, long press the clock key to confirm the current state and enter the next item (pay attention to AM/PM status when editing hours)

2.3 Step 2: Settings of minute is the same as hour, but AM/PM cannot be changed.

2.4 Step 3: Settings of week is the same as hour/ minute, long press to confirm and exit (the clock setting is complete and the icon of corresponding week blinks slowly).

3.Setting Alarms

Function

Alarm-setting

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3.1 Long press Alarm 1 or Alarm 2 to alarm on/off. A single setting takes effect for a long time and the alarm lasts for 3 minutes

3.2 Alarm Set

3.2.1 Step 1: Press the alarm.1 Enter the setting state -- press"+, -" to edit the settings. In this case, press and hold the alarm key to confirm the current state and enter the next item.

3.2.2 Step 2: Settings of minute is the same as hour, and long press Alarm 1 to confirm and enter the next item.

3.2.3 Step 3: Short press "+/"key to select the music, and long press Alarm 1 to confirm and exit. The Alarm 1 setting is complete and the corresponding icon blinks slowly.

3.2.4 Settings of Alarm 2 are the same as Alarm 1.

4.Light Projection
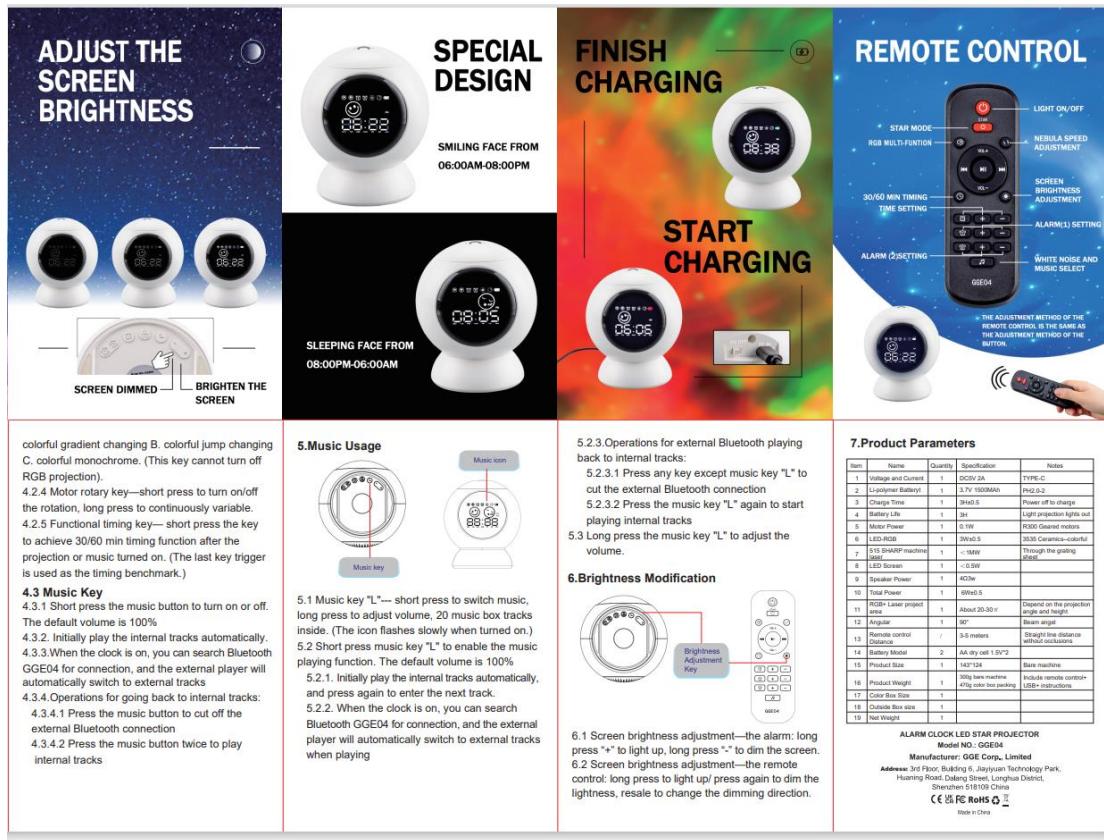
4.1 Product Settings

4.1.1 Short press the light composite key to turn on the light projection. (Default setting: RGB gradient+ Laser breathing mode, brightness: 100%; after turning on, the corresponding icon blinks slowly.)

Light composite key

Function

Battery

4.1.2 Continue short press to switch RGB mode. Order: colorful gradient changing, colorful jump changing, colorful monochrome. (The light projection will turn off at the tenth short press.)

4.1.3 Long press the light composite key to continuously variable. Range 10-100%.

4.1.4 Disable the LED light projection function (RGB+laser+motor) and music when the battery voltage ≤ 3.0V, and the red lights stay (green light stays if fully charged).

4.1.5 When the battery voltage ≤ 3.2V, it will enter the low-power protection mode automatically, the screensaver clock runs in the background; when the battery voltage ≥3.7V or plug to charge the protection mode can be removed.

4.2Remote control settings

Light power key
RGB music key
Laser composite key
Motor rotary key
Light+music timing keys
Brightness Adjustment Key
Music Key
Functional Timing Icons
GGE04

4.2.1 Light power—short press to turn on/off the light projection; default setting: colorful gradient changing+laser breathing mode+ motor rotation.

4.2.2 Laser composite key—the laser can be turned on/off independently when the light projection is turned on, the gears contain two modes: breathing and light.

4.2.3 RGB mode key to switch mode by a short press when the projection is turned on. Mode: A.

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colorful gradient changing B. colorful jump changing C. colorful monochrome. (This key cannot turn off RGB projection).

4.2.4 Motor rotary key—short press to turn on/off the rotation, long press to continuously variable.

4.2.5 Functional timing key— short press the key to achieve 30/60 min timing function after the projection or music turned on. (The last key trigger is used as the timing benchmark.)

4.3 Music Key

4.3.1 Short press the music button to turn on or off. The default volume is 100%

4.3.2. Initially play the internal tracks automatically.

4.3.3.When the clock is on, you can search Bluetooth GGE04 for connection, and the external player will automatically switch to external tracks

4.3.4.Operations for going back to internal tracks:
    4.3.4.1 Press the music button to cut off the external Bluetooth connection
    4.3.4.2 Press the music button twice to play internal tracks

ADJUST THE SCREEN BRIGHTNESS

SCREEN DIMMED — BRIGHTEN THE SCREEN

SPECIAL DESIGN

SMILING FACE FROM 06:00AM-08:00PM

SLEEPING FACE FROM 08:00PM-06:00AM

FINISH CHARGING

START CHARGING

REMOTE CONTROL

LIGHT ON/OFF
STAR MODE
NEBULA SPEED ADJUSTMENT
RGB MULTI-FUNTION
SCREEN BRIGHTNESS ADJUSTMENT
30/60 MIN TIMING TIME SETTING
ALARM(1) SETTING
ALARM (2)SETTING
WHITE NOISE AND MUSIC SELECT
GGE04

• THE ADJUSTMENT METHOD OF THE REMOTE CONTROL IS THE SAME AS THE ADJUSTMENT METHOD OF THE BUTTON.

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colorful gradient changing B. colorful jump changing C. colorful monochrome. (This key cannot turn off RGB projection).
4.2.4 Motor rotary key—short press to turn on/off the rotation, long press to continuously variable.
4.2.5 Functional timing key— short press the key to achieve 30/60 min timing function after the projection or music turned on. (The last key trigger is used as the timing benchmark.)

4.3 Music Key
4.3.1 Short press the music button to turn on or off. The default volume is 100%
4.3.2. Initially play the internal tracks automatically.
4.3.3.When the clock is on, you can search Bluetooth GGE04 for connection, and the external player will automatically switch to external tracks
4.3.4.Operations for going back to internal tracks:
  4.3.4.1 Press the music button to cut off the external Bluetooth connection
  4.3.4.2 Press the music button twice to play internal tracks

5.Music Usage

Music icon

Music key

5.1 Music key "L"--- short press to switch music, long press to adjust volume, 20 music box tracks inside. (The icon flashes slowly when turned on.)
5.2 Short press music key "L" to enable the music playing function. The default volume is 100%
  5.2.1. Initially play the internal tracks automatically, and press again to enter the next track.
  5.2.2. When the clock is on, you can search Bluetooth GGE04 for connection, and external player will automatically switch to external tracks when playing

5.2.3.Operations for external Bluetooth playing back to internal tracks:
  5.2.3.1 Press any key except music key "L" to cut the external Bluetooth connection
  5.2.3.2 Press the music key "L" again to start playing internal tracks
5.3 Long press the music key "L" to adjust the volume.

6.Brightness Modification

Brightness Adjustment Key

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6.1 Screen brightness adjustment—the alarm: long press "+" to light up, long press "-" to dim the screen.
6.2 Screen brightness adjustment—the remote control: long press to light up/ press again to dim the lightness, resale to change the dimming direction.

7.Product Parameters

Item	Name	Quantity	Specification	Notes
1	Voltage and Current	1	DC5V 2A	TYPE-C
2	Li-polymer Batteryl	1	3.7V 1500MAh	PH2.0-2
3	Charge Time	1	3H±0.5	Power off to charge
4	Battery Life	1	3H	Light projection lights out
5	Motor Power	1	0.1W	R300 Geared motors
6	LED-RGB	1	3W±0.5	3535 Ceramics–colorful
7	5:15 SHARP machine laser	1	<1MW	Through the grating sheet
8	LED Screen	1	<0.5W	
9	Speaker Power	1	4Ω3w	
10	Total Power	1	6W±0.5	
11	RGB+Laser project area	1	About 20-30 ㎡	Depend on the projection angle and height
12	Angular	1	90°	Beam angel
13	Remote control Distance	/	3-5 meters	Straight line distance without occlusions
14	Battery Model	2	AA dry cell 1.5V*2	
15	Product Size	1	143*124	Bare machine
16	Product Weight	1	300g bare machine 470g color box packing	Include remote control+ USB+ instructions
17	Color Box Size	1		
18	Outside Box size	1		
19	Net Weight	1		

ALARM CLOCK LED STAR PROJECTOR
Model NO.: GGE04
Manufacturer: GGE Corp., Limited
Address: 3rd Floor, Building 6, Jiayiyuan Technology Park, Huaning Road, Dalang Street, Longhua District, Shenzhen 518109 China

Made in China

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.