DIY Pixel Display Kit

iDM

User Manual

Full color pixel display/Custom graffiti

1. Safety Tips

① Please tear off the protecti film before using.

② Please place the equipment on a stable and safe level surface to avoid falling and causing damage or injury.

③ Do not insert any foreign objects into the device socket.

④ Do not knock or strike the device with force.

⑤ Keep away from heat sources and avoid electrical appliances such as open flames, microwave ovens, and electric heaters that can generate high heat. To ensure safety, only use the supplied accessories when using the product.

⑥ The signal cable is only for use with this product and should not be used on other devices, as it may cause damage to the equipment.

2. Product Information

Product Name: DIY Pixel Display Kit

Pixel Dot: 16*16/8*32
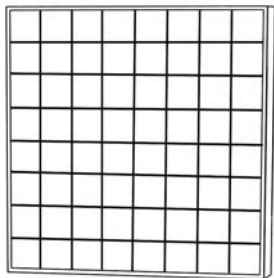
LED Qty: 256pcs

Power Supply: DC 24V

Product Power: 36W

Voltage/Current: 24V/1.5A

Product Size: 15.7*15.7*0.9/7.8*31.4*0.9inches

Package Size: 17.9*17.9*17.7inches

3. Product Accessories

① Pixel Screen ② User Manual ③ Signal Short Line ④ Signal Long Line

⑤ Screwdriver ⑥ Screw Set ⑦ Angle Bracket

⑧ Cross Bracket ⑨ Hanger Screw Set ⑩ Power Adapter

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① 4pcs

② 1pcs

⑥ 12pcs

⑨ 1pcs

③ 3pcs

④ 1pcs

⑦ 4pcs

⑤ 1pcs

⑧ 1pcs

⑩ 1pcs

3

4. Installation Method/Identify Main and Secondary Screens

Power Signal Input

Screw Hole

Power Signal Output

Hanging Slot

DC Socket

Switch

OUT **B** IN

OUT **A** OUT

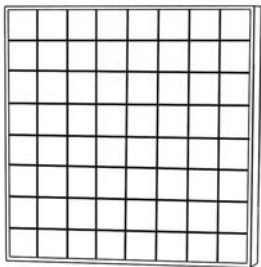Secondary Screen: labeled with a "B"

Main Screen: labeled with an "A"
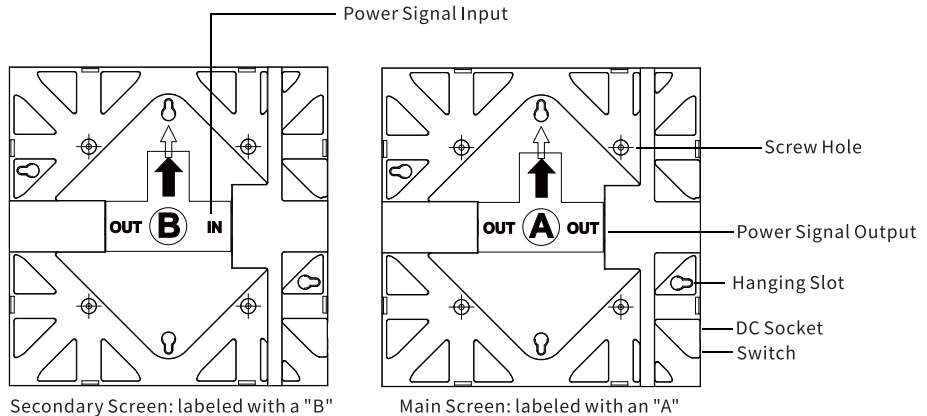
5. Installation Diagram for 16X16

1. Remove accessories from packaging.
2. According to the diagram, label "A" is the only main screen, and label "B" is the secondary screen. Align the label arrows on the main and secondary screens to face upwards. Place the secondary screen "B" to the left and above the main screen "A" in sequential order.
3. Connecting signal lines.
4. First, install the bracket securely, and then tighten it with screws.
5. Plug the power supply into the DC port on the right side of the main screen A and power it on.

400mm

400mm

⑩ Power Adapter

④ Signal Long Line

⑧ Cross Bracket

⑦ Angle Bracket

③ Signal Short Line

⑥ Screw Set

5
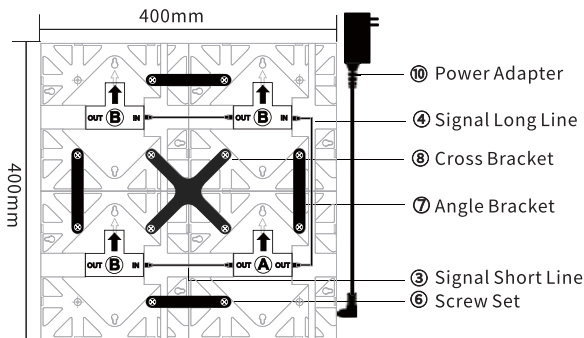
6. List of Accessories Required for Installing the 16X16

Signal Short Line 2pcs

Angle Bracket 4pcs

Hanger Screw Set 1pcs

Signal Long Line 1pcs

Pixel Screen 4pcs

Screw Set 12pcs

Cross Bracket 1pcs

Power Adapter 1pcs

7. Installation Diagram for 8X32
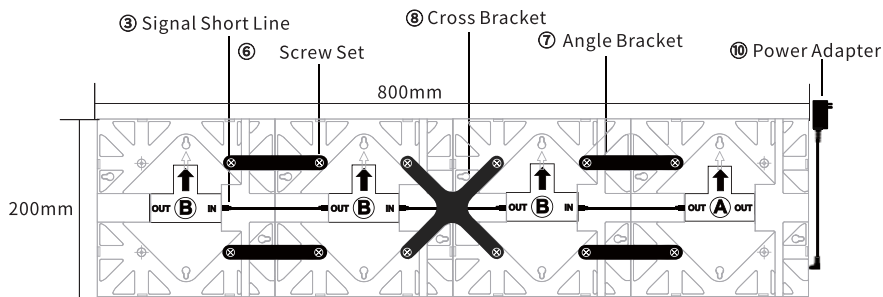
③ Signal Short Line

⑥ Screw Set

⑧ Cross Bracket

⑦ Angle Bracket

⑩ Power Adapter

800mm

200mm

OUT Ⓑ IN   OUT Ⓑ IN   OUT Ⓑ IN   OUT Ⓐ OUT

1. Remove accessories from packaging.
2. According to the diagram, label "A" is the only main screen, and label "B" is the secondary screen. Align the label arrows on the main and secondary screens to face upwards. Place the secondary screen "B" to the left and above the main screen "A" in sequential order.
3. Connecting signal lines.
4. First, install the bracket securely, and then tighten it with screws.
5. Plug the power supply into the DC port on the right side of the main screen A and power it on.

7

8. List of Accessories Required for Installing the 8X32
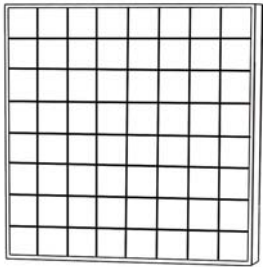
Signal Short Line 3pcs

Angle Bracket 4pcs

Hanger Screw Set 1pcs

Pixel Screen 4pcs

Screw Set 12pcs

Cross Bracket 1pcs
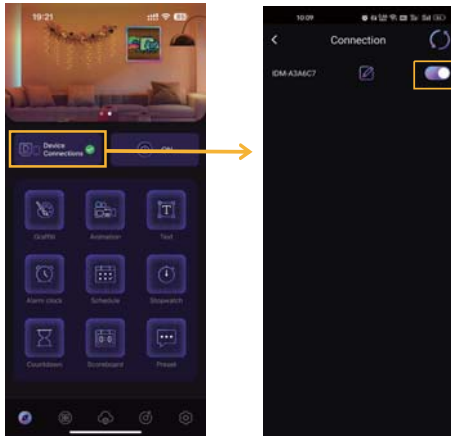
Power Adapter 1pcs

9.Download the 'iDotMatrix' APP

1.Scan the QR code below or go to Google Play/App Store and search for 'iDotMatrix' to download the app.
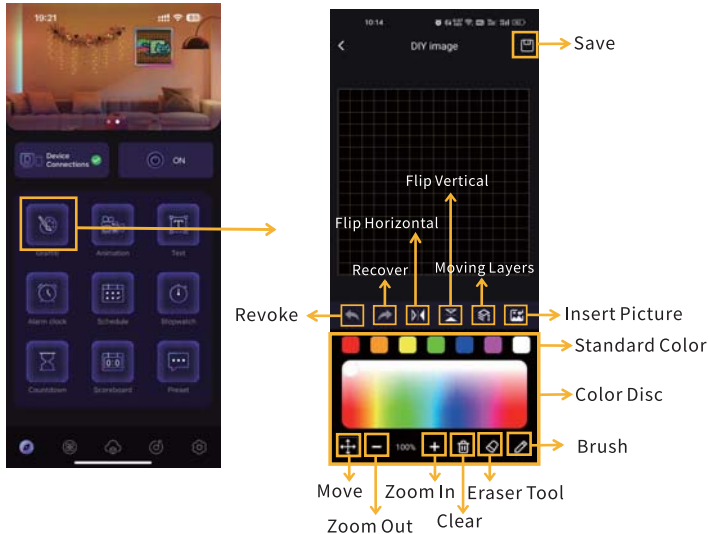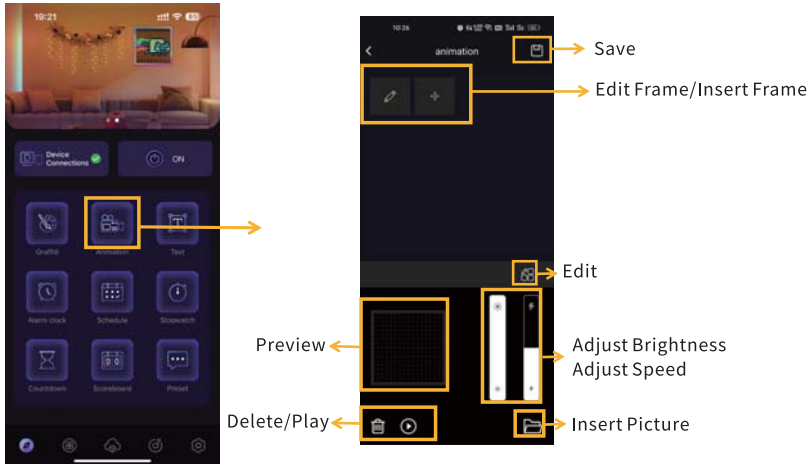
2.Turn on Bluetooth

10.Connect to Device

Notes:
1.When first time open the app, the pop-up option of whether to allow permissions, please select 'allow'.
2.Turn on Bluetooth and connect the device.
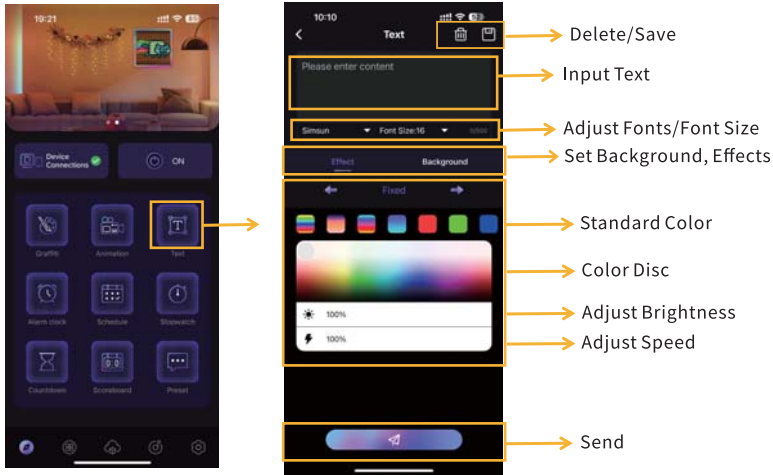3.If Android phone can't retrieve the Bluetooth, please check to open the location
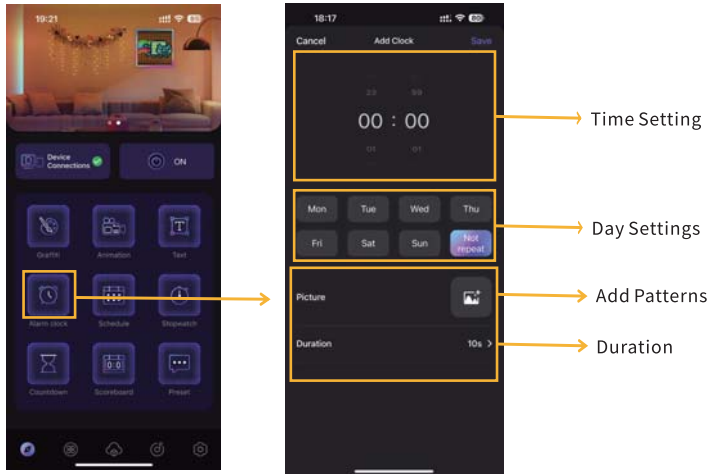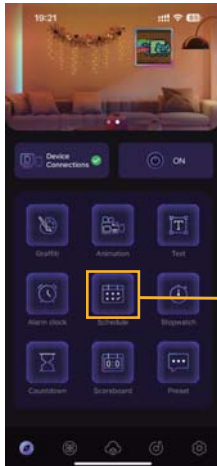
11.Creative Graffiti

Save

Flip Vertical

Flip Horizontal

Recover

Moving Layers

Revoke

Insert Picture

Standard Color

Color Disc

Brush

Move

Zoom In

Eraser Tool

Zoom Out

Clear

11

12.Creative Animation

Save

Edit Frame/Insert Frame

Edit

Preview

Adjust Brightness
Adjust Speed

Delete/Play

Insert Picture

13.Text Editing

Delete/Save

Input Text

Adjust Fonts/Font Size

Set Background, Effects

Standard Color

Color Disc

Adjust Brightness

Adjust Speed

Send

13

14.Alarm Clock

Time Setting
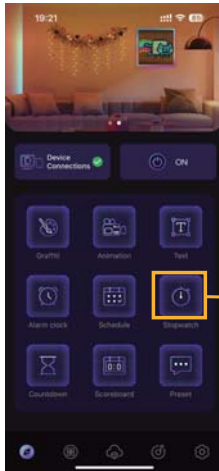
Day Settings

Add Patterns

Duration

14

15.Schedual
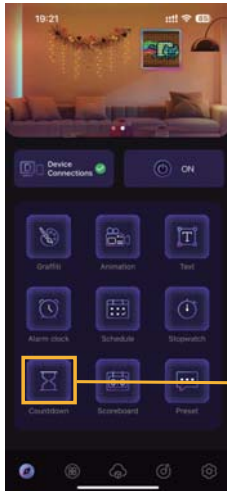

Initial Schedule
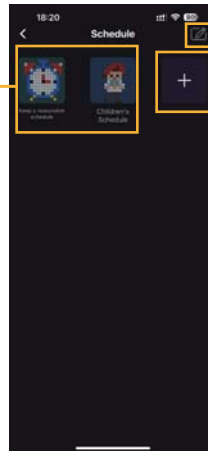
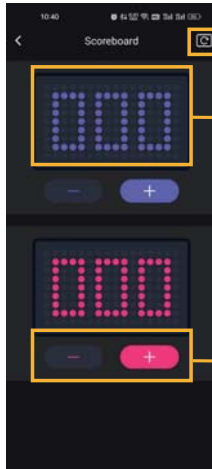Choice/Delete

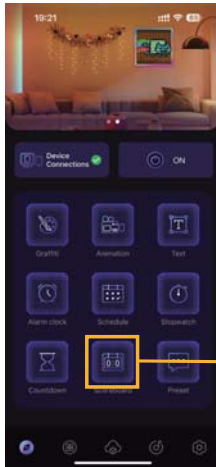Add Schedule

15

16.Stopwatch
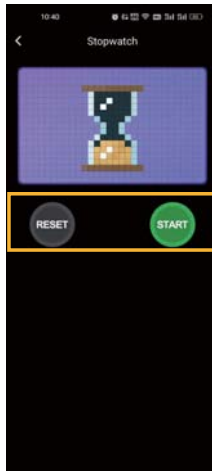
Reset/Start/End

17.Countdown
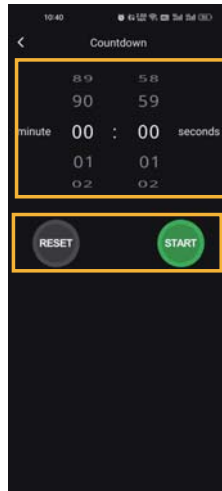
Duration Setting

Reset/Start/End

18.Scoreboard
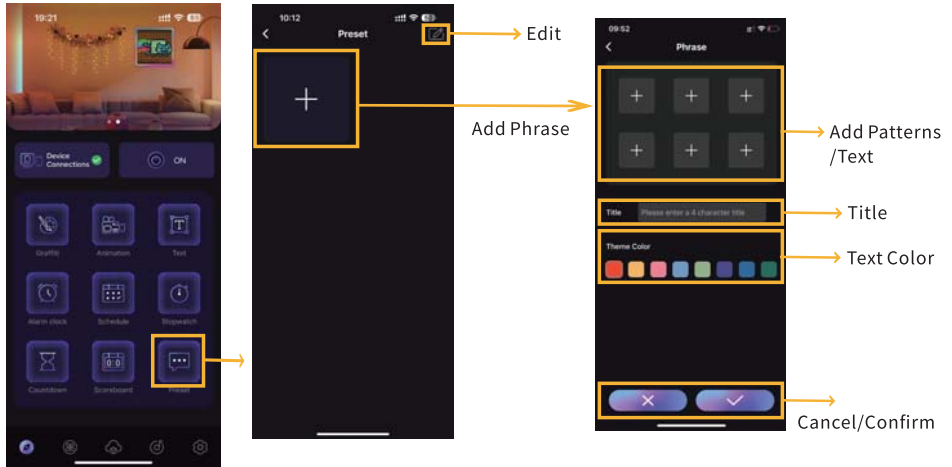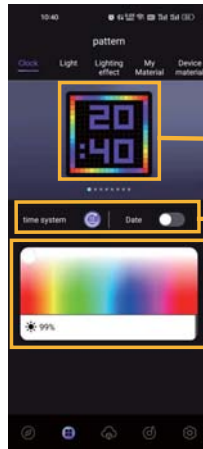

Reset
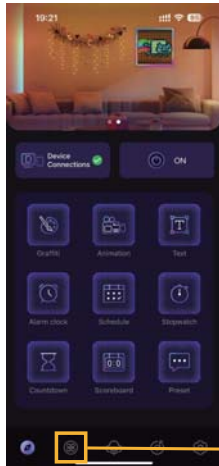
Preview Display

Plus/Minus Score

19.Preset Phrase

Edit

Add Phrase

Add Patterns /Text

Title

Text Color
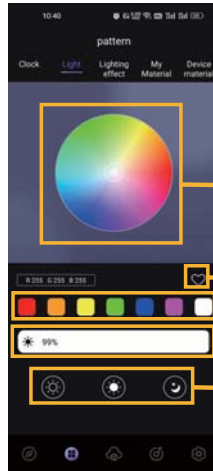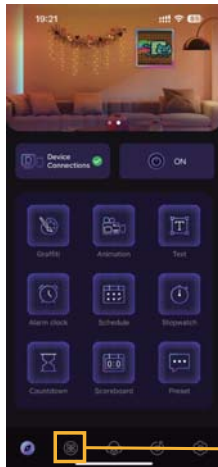
Cancel/Confirm

19

20.Mode-Digital Clocks

Effect Preview

12/24 Hour System/Date Adjustment
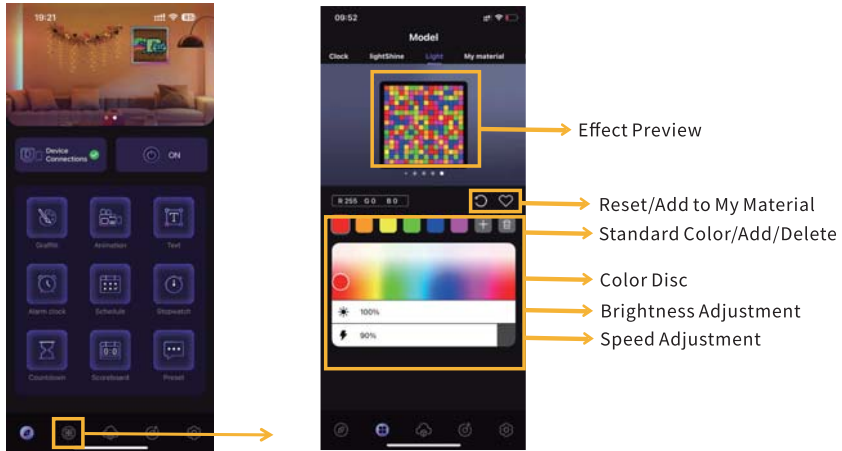
Color Disc

Brightness Adjustment

21.Mode-Lighting

Color Disc

Add My Material

Standard Color

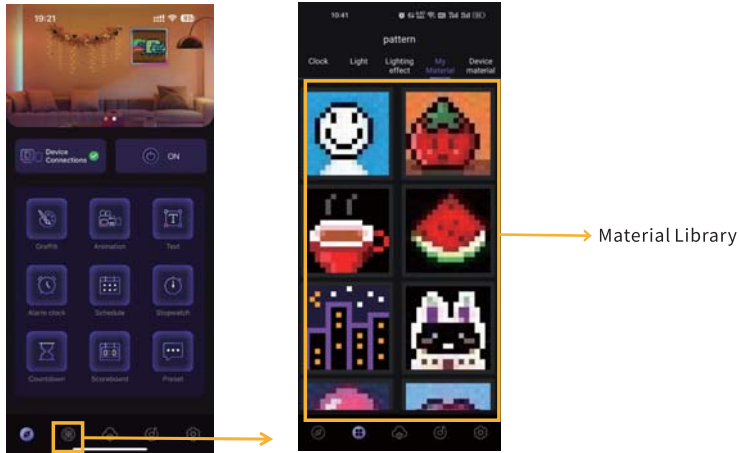Brightness Adjustment

Warm Light/Nature White/Warm White

22.Mode-Dynamic Lighting

Effect Preview

Reset/Add to My Material

Standard Color/Add/Delete

Color Disc

Brightness Adjustment

Speed Adjustment

23.Mode-My Material

Material Library

24.Mode-Equipment Materials

Total Play Time/Delete

Send

25.Cloud Material

Edit/Download to My
Material/Download to
Equipment Material

26.Rhythm

Microphone

Mobile
Microphone

Device
Microphone

Sensitivity of
Voice Recognition
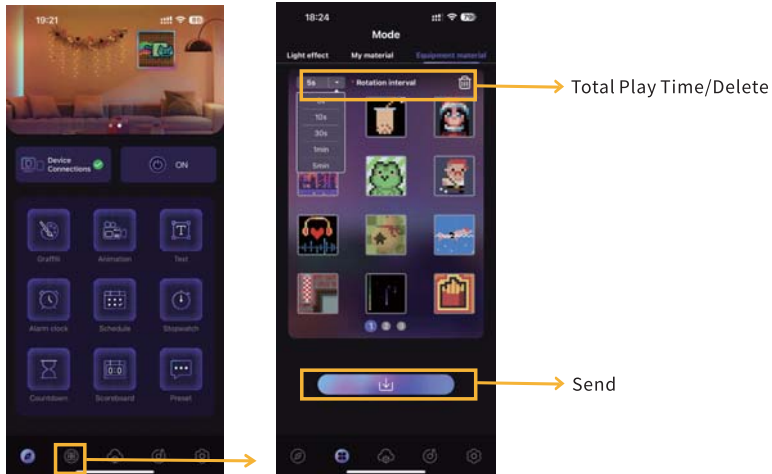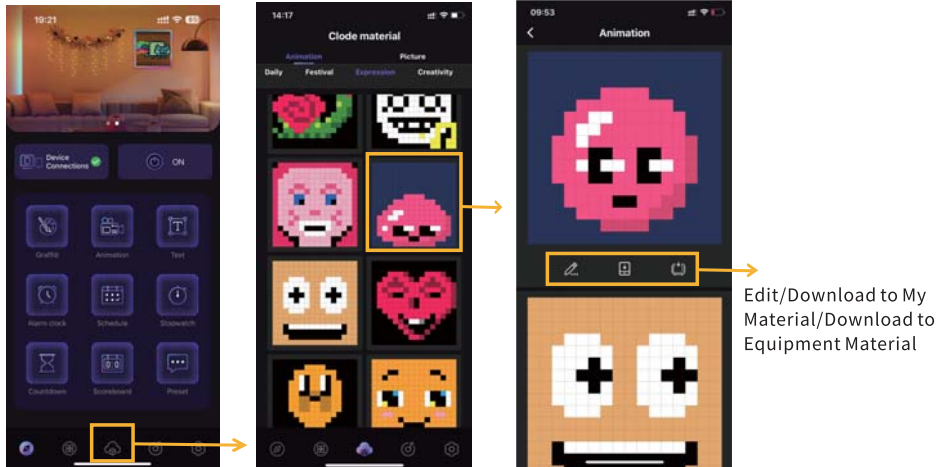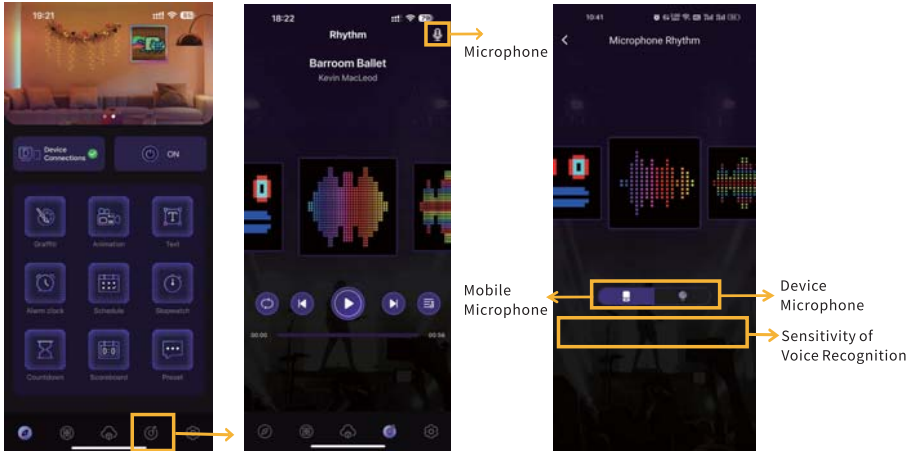
27.Settings

Language

Energy Saving Mode

Device Information

Set Password

Reset the Device

Upside Down

Brightness Adjustment

App Version

Warning:

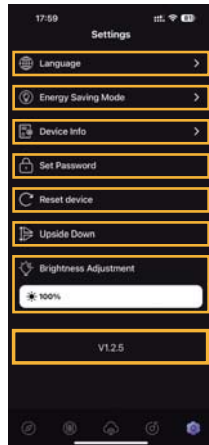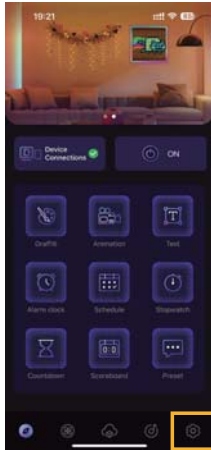This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference receivedincluding interference that may cause undesired operation.

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

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 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.

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

FC CE UKCA RoHS

Made in China