Orphek
Aquarium LED Lighting
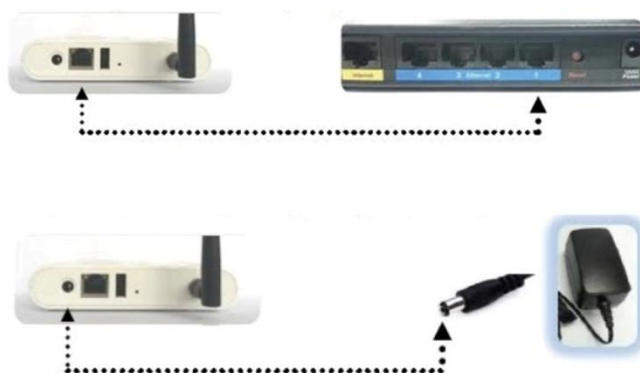
Operations Manual | Orphek Gateway

Part 1 1-2-3 Quickset

1-2-3 -connected

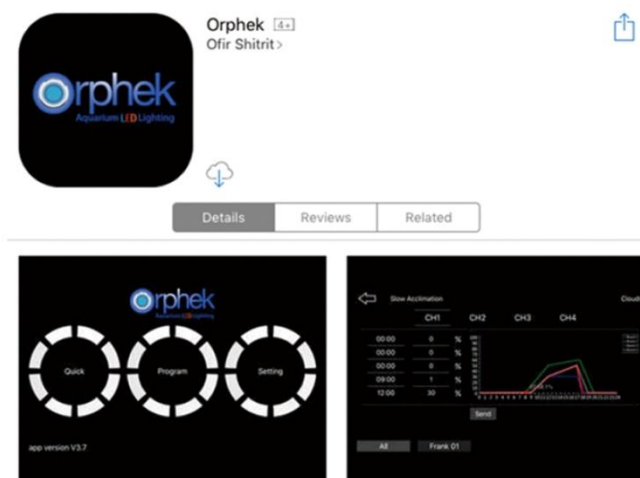### Orphek Atlantik v3+ Quickstart Manual

Step 1

Power up your lights first. Connect the Gateway to your router with the included network cable. Power up the Gateway, wait 2 minutes until the red LED on Gateway is flashing.

Step2

Install the Orphek V3+ app to your iPhone or iPad.
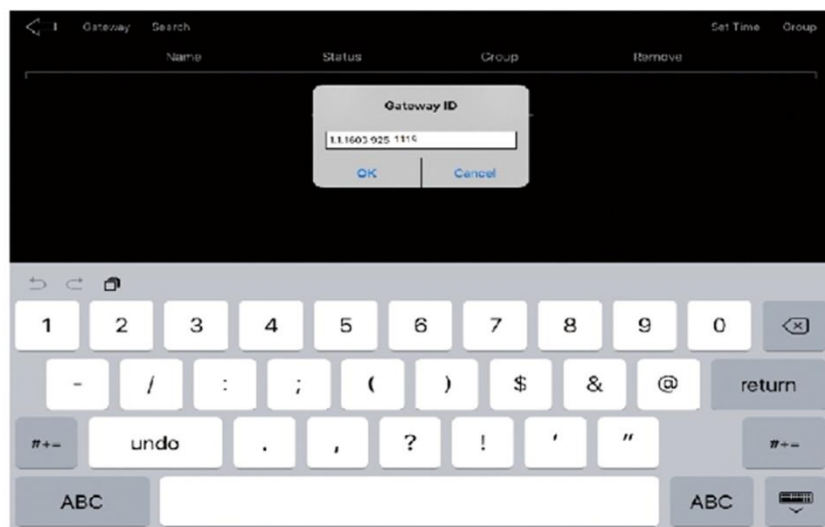
Part 1 1-2-3 Quickset

1-2-3 -connected

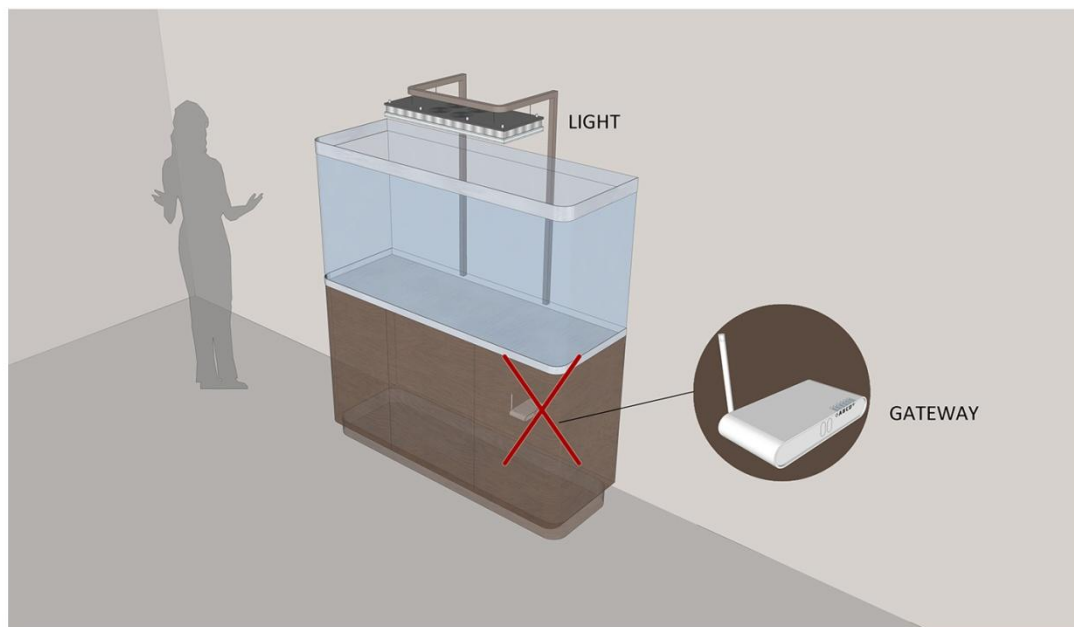**Orphek Atlantik v3+ Quickstart Manual**

Step 3

Enter the Gateway ID number (located on bottom of the Gateway) on the Orphek V3+ app. Wait a few seconds and press "search".

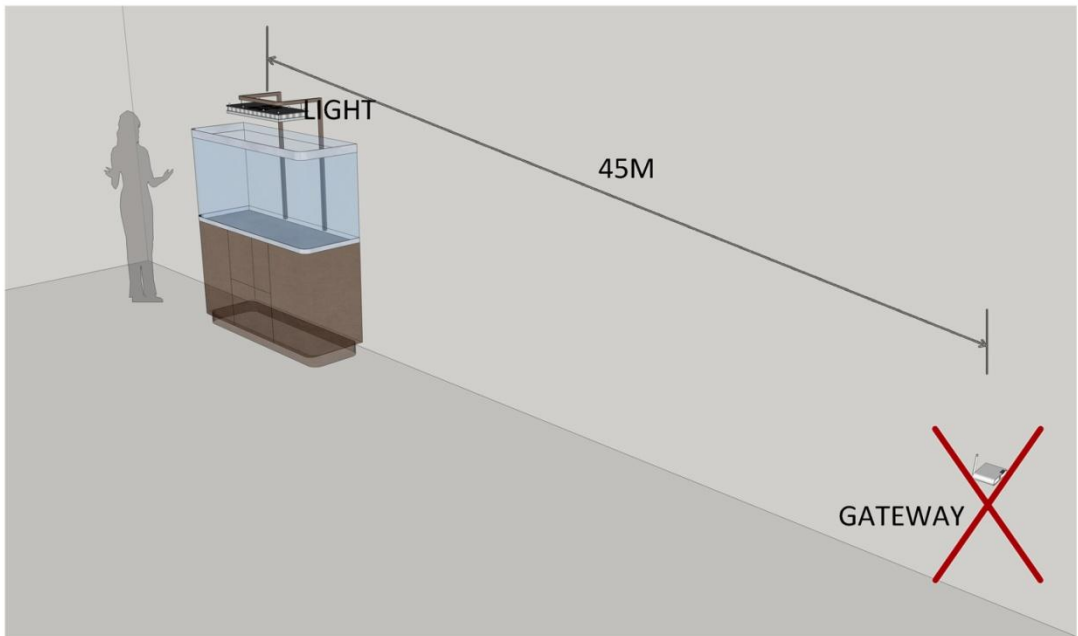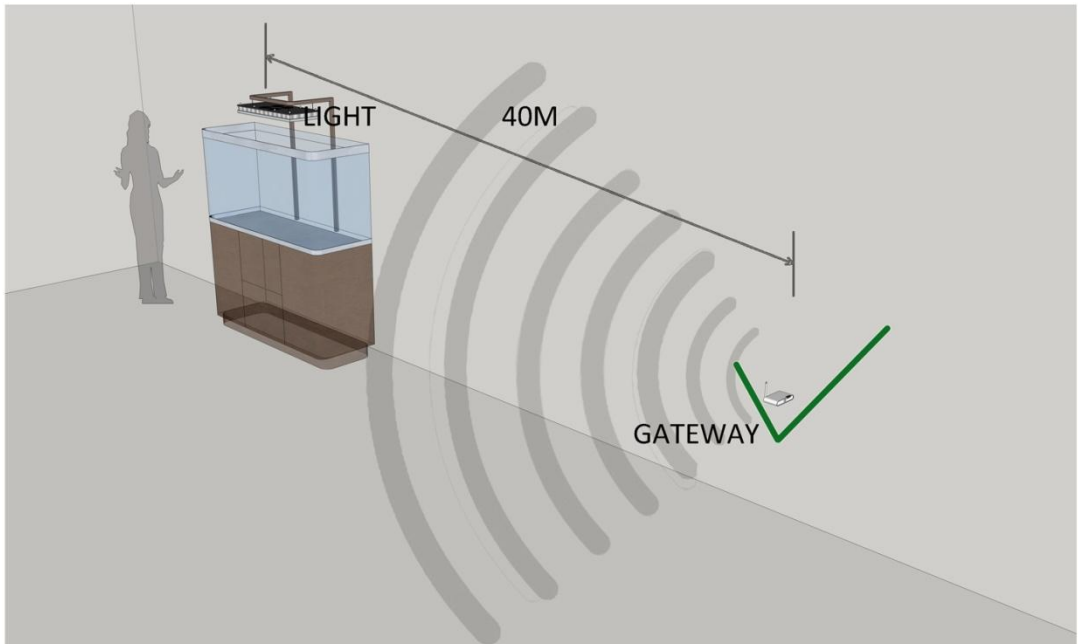Wait until all lights are found. You are now ready to program.

1.Do not install the gateway in the sump area.

Part 2 Where to install
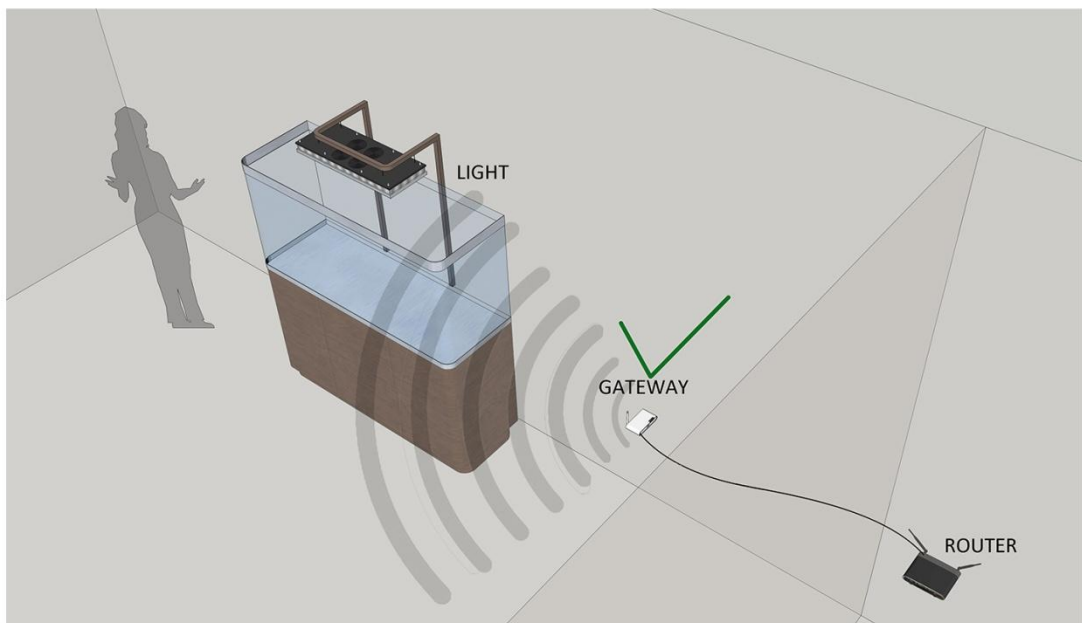
LIGHT   40M

GATEWAY ✓

LIGHT

45M

GATEWAY ✗

2.The distance from the light to the Gateway should not exceed 130 feet(40meters).

LIGHT
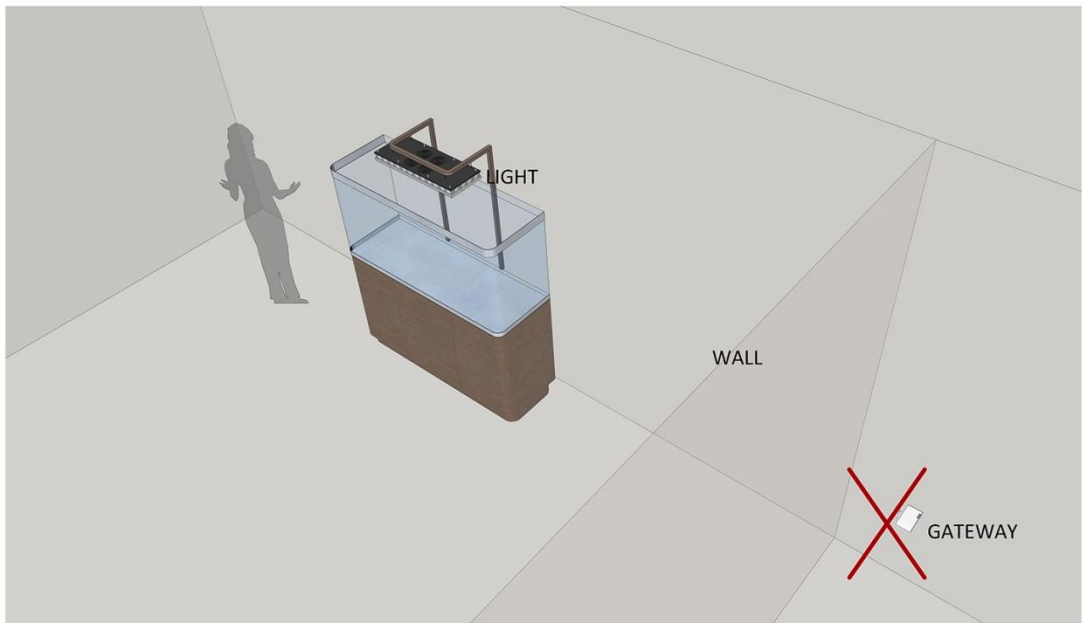
WALL

GATEWAY

3.Do not install the Gateway behind a wall or other solid obstruction.

LIGHT

GATEWAY

ROUTER

4.The WLAN router can be installed in any location in your home provided the Ethernet cable is connected to the Gateway.

Part 2 Where to install

LIGHT

GATEWAY

REPEATER
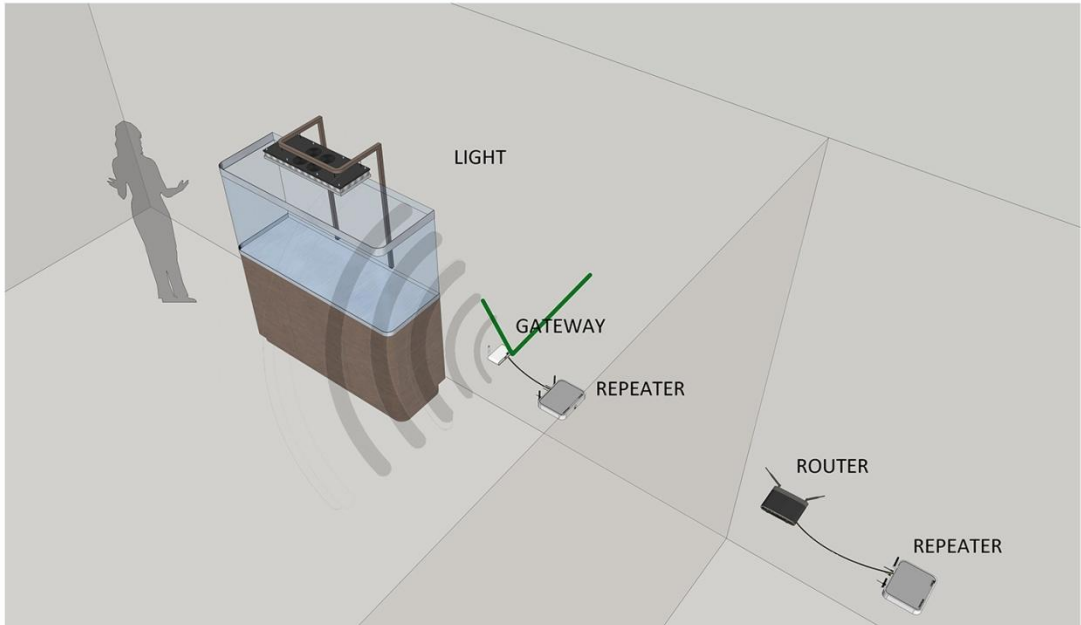
ROUTER

REPEATER

5.A wireless repeater system may be used if direct cable connection from the Gateway to the router is impractical in your installation.

OFFICE

LIGHT

GATEWAY

SEA
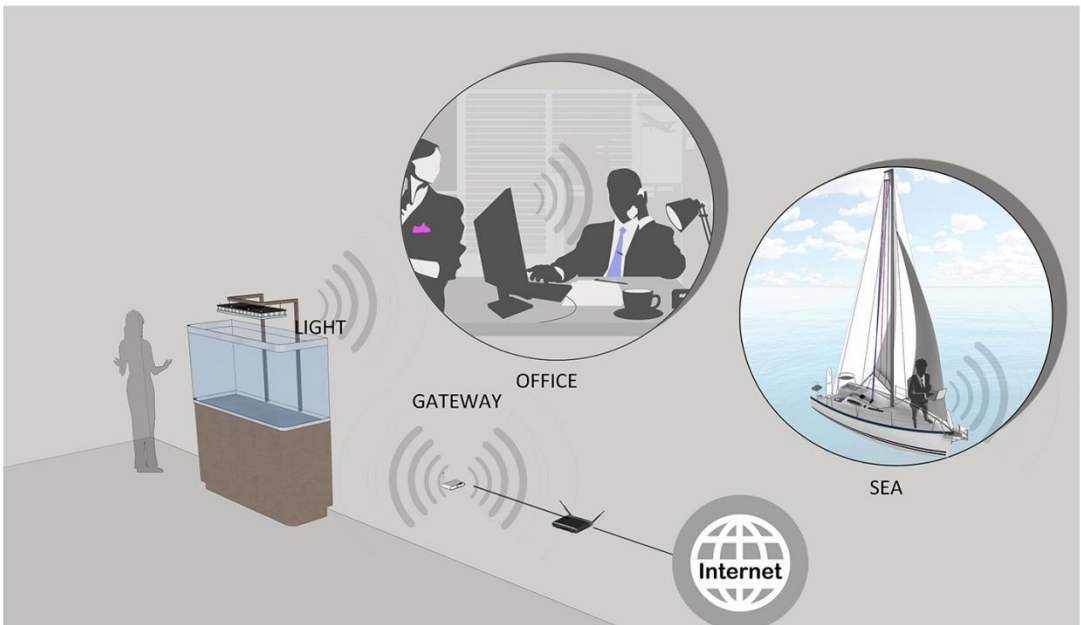
Internet

6.You can control , program , and monitor your lights from any location in the world where internet service is available.

Rear Side

DC Power in — 　　　　　　　　　　　— Antenna Connector

Network Connector — 　　　　　　　　— Upgrade software

　　　　　　　　　　　　　　　　— USB Port

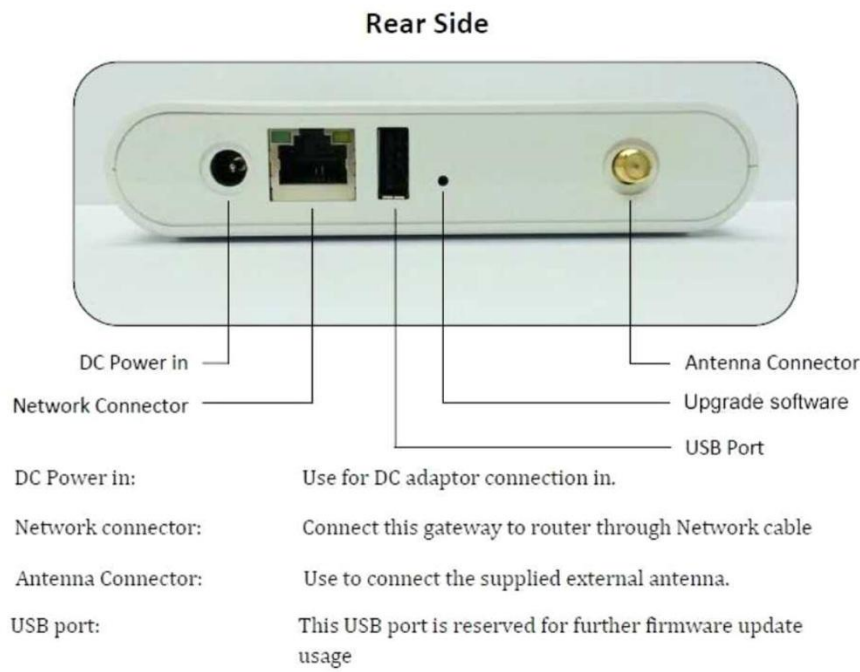|	
DC Power in:	Use for DC adaptor connection in.
Network connector:	Connect this gateway to router through Network cable
Antenna Connector:	Use to connect the supplied external antenna.
USB port:	This USB port is reserved for further firmware update usage

Specifications of Gateway

Moder Number	SH-GWAYL20A
RF Interface	JenNet-IP Protocol
RF Output Power	+8dBm
Antenna	Dipole Antenna 1.5dBi Gain
Power Source	5Volts@1000mA
Ethernet	Rj45 10/100Mbps
USB	USB2.0 or compatible
Operating Temperature	-20 to 70C
Humidity	95% TH Non-condensing
Net Weight	110g

Part 4 How it work

1.Screw the external antenna into the Orphek Atlantik Gateway.

2. Connect the Gateway to your router using a standard Ethernet cable.

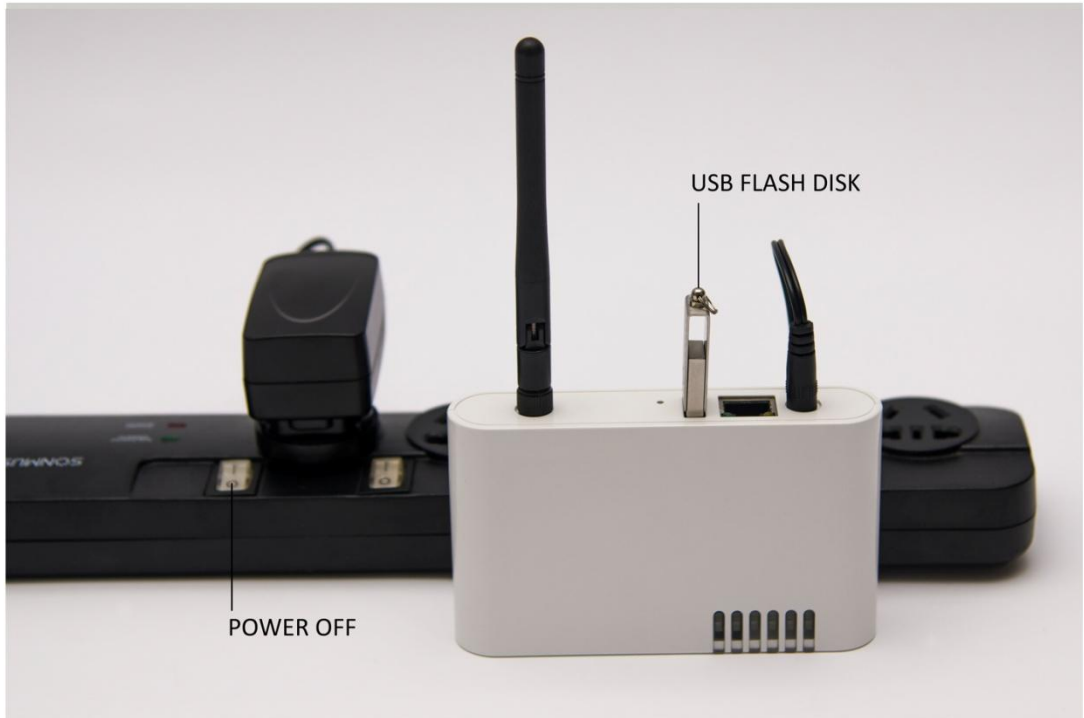**3.**Plug the power adaptor into the DC in port on the back of the Gateway.

4. Plug the power adaptor into your wall socket.

5.The LEDs on the front of the Gateway will light up.

6. When the Gateway is ready to use LED "A" lights up.

USB FLASH DISK

POWER OFF

STEP 1 Plug in USB Flash Disk after you have downloaded the upgrade software.

Part 5 How to upgrade the Gateway

UPGRADE BUTTON

STEP 2 Press the upgrade button with a paper clip or other tool that can enter the hole.

POWER ON

BLUE LIGHT ON

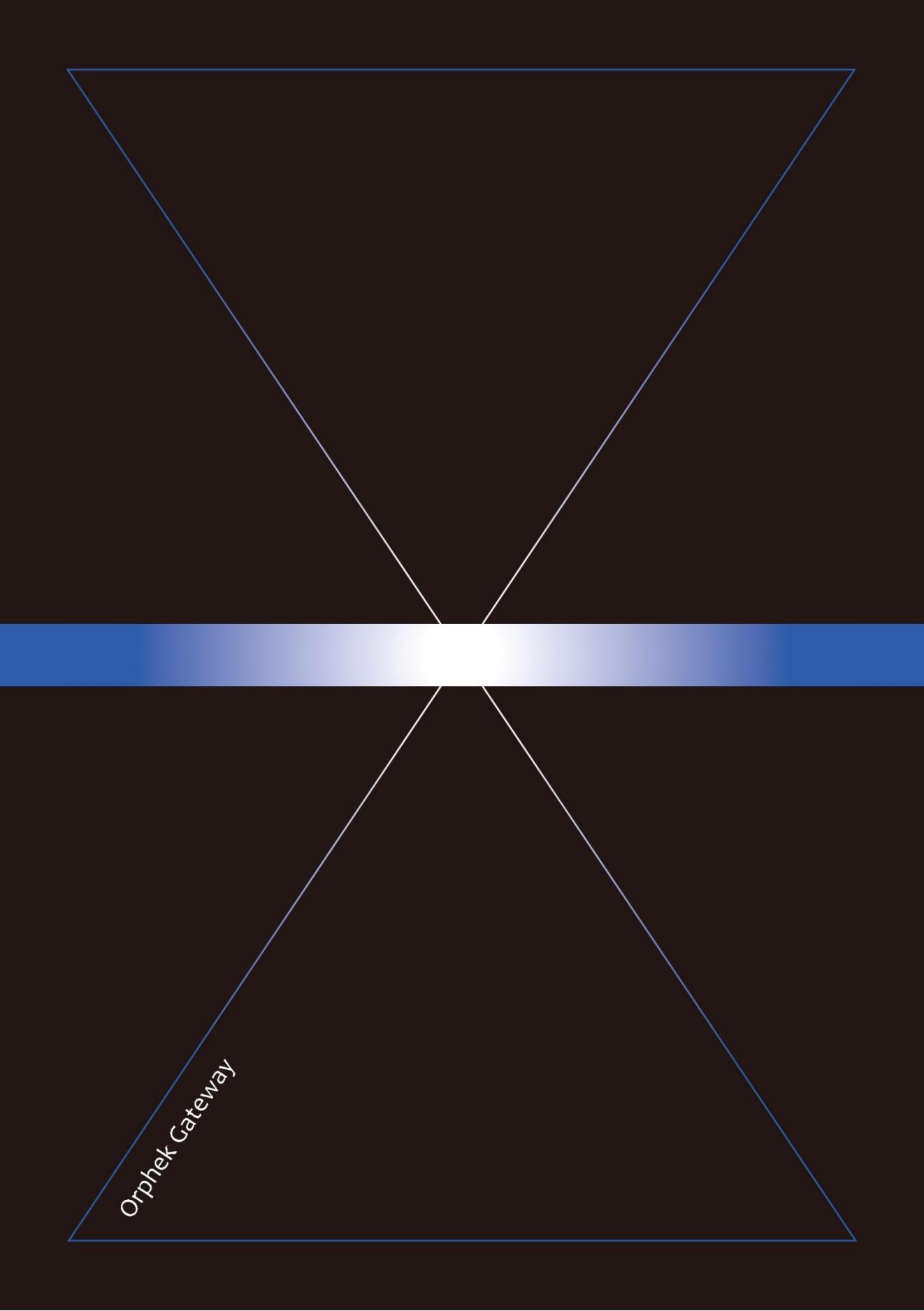**STEP 3** Press the upgrade button and then apply power to the gateway.

Part 5 How to upgrade the Gateway

GREEN LIGHT ON

STEP 4 The green light will flash. Release the upgrade button when the green light stops flashing and remains on.

RED LIGHT FLASH

STEP 5 When the red light flashes,the upgrade process complete.

Orphek Gateway