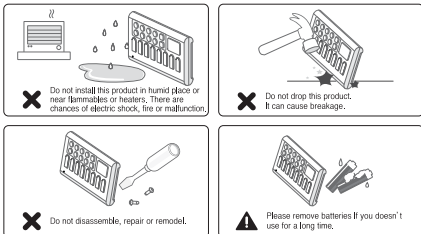# FLS-2

CE 0197

Hereby, Feelux Co.,Ltd, declares that this FLS-2 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

WARNING INFORMATION:
Meaning of crossed-out wheeled dustbin : Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or cumps, hazardous substances can leak into the groundwater and get into the foodchain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least free of charge.
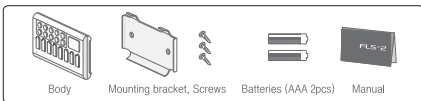
Introduction

FLS-2 is a dimmer which controls Feelux's dimming products and other dimmable fluorescent / halogen lamps using "Zigbee" wireless communication system by receiving signals through decoders.
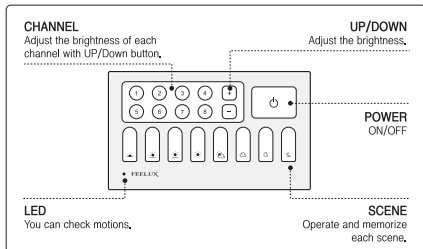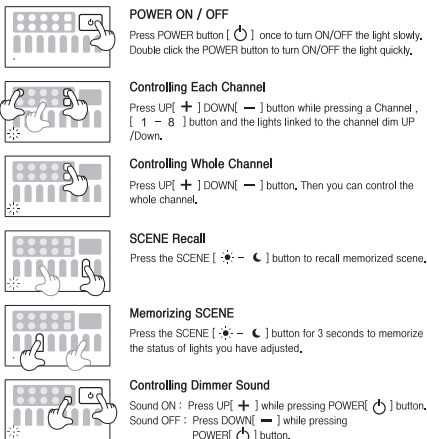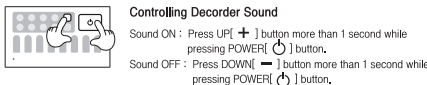
Safety Precaution

Do not install this product in humid place or near flammables or heaters, There are chances of electric shock, fire or malfunction.

Do not drop this product. It can cause breakage.

Do not disassemble, repair or remodel.

Please remove batteries If you doesn't use for a long time.

Components

Body | Mounting bracket, Screws | Batteries (AAA 2pcs) | Manual

Name And Function Of Each Part

CHANNEL
Adjust the brightness of each channel with UP/Down button.

UP/DOWN
Adjust the brightness.

POWER
ON/OFF

LED
You can check motions.

SCENE
Operate and memorize each scene.

Basic Function

POWER ON / OFF
Press POWER button [⏻] once to turn ON/OFF the light slowly.
Double click the POWER button to turn ON/OFF the light quickly.

Controlling Each Channel
Press UP[+] DOWN[−] button while pressing a Channel , [1 − 8] button and the lights linked to the channel dim UP /Down.

Controlling Whole Channel
Press UP[+] DOWN[−] button. Then you can control the whole channel.

SCENE Recall
Press the SCENE [☼ − ☾] button to recall memorized scene.

Memorizing SCENE
Press the SCENE [☼ − ☾] button for 3 seconds to memorize the status of lights you have adjusted.

Controlling Dimmer Sound
Sound ON : Press UP[+] while pressing POWER[⏻] button.
Sound OFF : Press DOWN[−] while pressing POWER[⏻] button.

Additional Function

Controlling Decorder Sound
Sound ON : Press UP[+] button more than 1 second while pressing POWER[⏻] button.
Sound OFF : Press DOWN[−] button more than 1 second while pressing POWER[⏻] button.

Channel Identification
Double click a CHANNEL [1 − 8] button.
＊ Then the light linked to the channel dim up for 0.5 seconds(in case of PWM decoder)/ 2 seconds(in case of Phase decoder) and dim down for 0.5 seconds(in case of PWM decoder)/2 seconds(in case of Phase decoder).
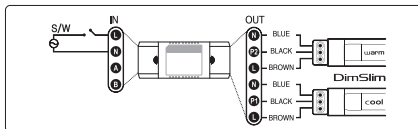
Scene Test
Press both UP[+] and DOWN[−] button for 3 seconds at the same time and then 8 scene swing by turns at 3 second intervals until you press other button.
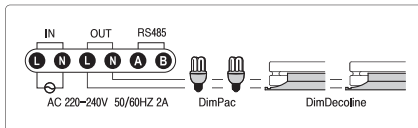
Initializing Dimmer(FLS-2)
Press button [☼] and [☾] for 3 seconds at the same time and then the dimmer turns to the initial setting.

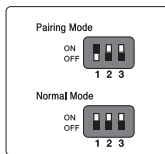## Pairing Between Wireless Dimmer And Decoder

DA02Z Pairing With FLS-2

DB02Z Pairing With FLS-2

AC 220-240V 50/60HZ 2A   DimPac   DimDecoline

Pairing
1. Decoder wiring (please refer to wiring diagram).
2. Power supply.
3. Pairing mode: Move the 1st dip switch of decoder as the picture of "pairing mode".
4. LED flickers and turns to pairing mode in 10 seconds.
5. At this stage, press a channel button of FLS-2 for 3 seconds. Then LED of FLS-2 will flicker.
6. When it completes pairing process, FLS-2 sounds "beep" and Decoder sounds "beep beep".
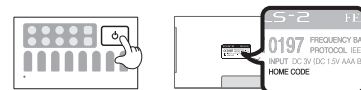
Pairing Mode
ON
OFF
1 2 3

Normal Mode
ON
OFF
1 2 3

❶ CAUTION
1. While pairing, please keep the distance less than 5 meters between FLS-2 and decoder.
2. Pairing mode will continue for about 30 seconds. If you don't complete pairing within this 30 seconds, you have to repeat from beginning.

Addtion of FLS-2

1. If you want to control additional FLS-2 together with existing FLS-2, press power key of new FLS-2 for 3seconds.
2. Then LED will flicker. After turning off this flickering, enter the 7-digit "home code" number which is marked on the back side of existing FLS-2. When it is completed, FLS-2 sounds "beep".

0197 FREQUENCY BA
PROTOCOL IEE
INPUT : DC 3V (DC 1.5V AAA B
HOME CODE

Specification

This Specifications could be revised for improvement.

Model	FLS-2	Reception	-94dBm
Frequency	2.4GHz-2.4835GHz	Transmitting Power	Max. 0dBM
Channel	8 Channels	Power Supply	DC 3V(AAA 1.5V 2pcs)
Protocol	IEEE 802.15.4 RF	Product Size	120X70X15mm

Warranty

One-year warranty, with one-to-one free replacement after inspection.
(excluding breakage due to transportation & mis-handling)