Wireless Module

Model: EBOX-AD
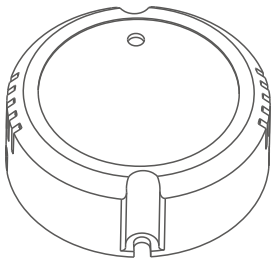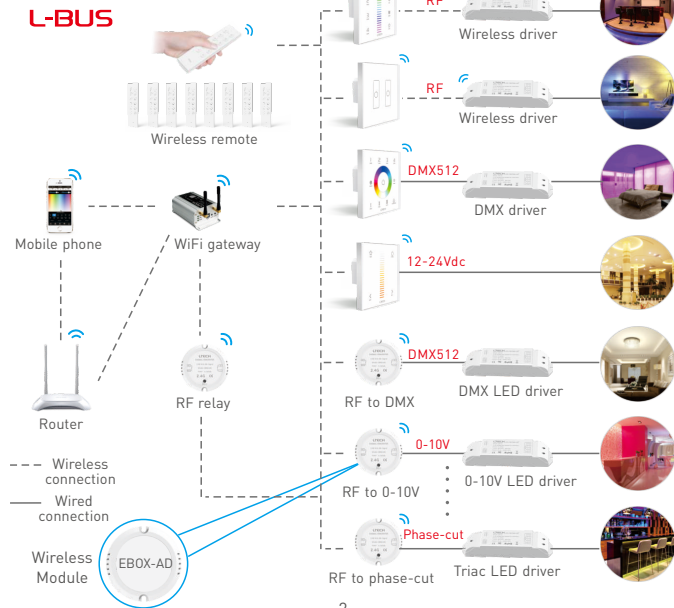
FC CE RoHS

warranty 5 years

ISO9001:2008

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1. System Diagram:

L-BUS

Wireless remote

Mobile phone

WiFi gateway

Router

RF relay

- - - Wireless connection
— Wired connection

Wireless Module   EBOX-AD

RF
Wireless driver

RF
Wireless driver

DMX512
DMX driver

12-24Vdc

DMX512
RF to DMX   DMX LED driver

0-10V
RF to 0-10V   0-10V LED driver

Phase-cut
RF to phase-cut   Triac LED driver

2

EBOX-AD wireless module applies to L-BUS wireless communication protocol and converts into 0-10V signal through RF wireless communication technology, which is used with LTECH 0-10V LED driver and compatible with all 0-10V series products on the market. Relying on L-BUS wireless technology, removing complex layout and expensive technical cost, making new or retrofit projects installation easier.
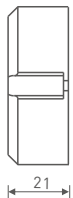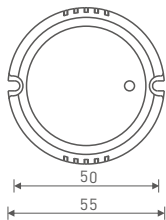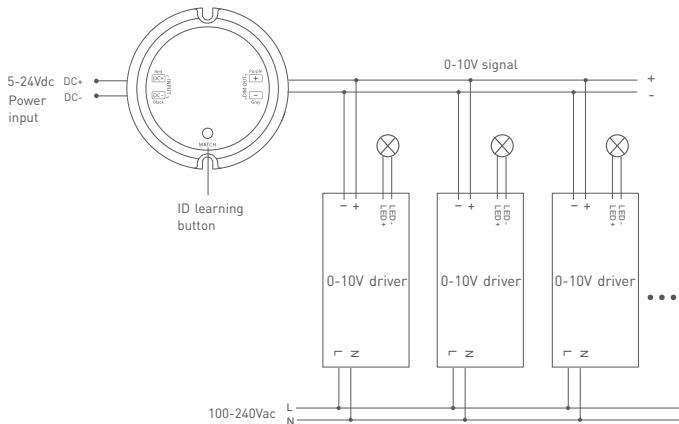
2. Technical Specs:

EBOX-AD Wireless Module			
Input Voltage:	5~24Vdc	Dimensions:	L55×W55×H21(mm)
Output:	0-10V	Package Size:	L65×W65×H26(mm)
Wireless Signal:	RF 2.4GHz	Weight(G.W.):	70g
Working Temp.:	-30℃~55℃		

3. Product Size:

Unit: mm

50
55
21

4. Wiring Diagram:

0-10V signal

5-24Vdc DC+
Power DC-
input

ID learning button

+
-

0-10V driver 0-10V driver 0-10V driver

100-240Vac L
N

5. Match Code and Clear Code:

Clear Code:

Long press "ID learning button" on EBOX-AD for 6 seconds, the lamps flicker 5 times, clear code successfully.

ID learning button

Match Code (power on method):

Step 1:

EBOX-AD power off .

Step 2:

Match up with F1 remote:
Hold down On/Off key on F1,
meanwhile EBOX-AD power on.

Match up with RC4-RF-B remote:
Hold down the matching zone's
On key of RC4-RF-B , meanwhile
EBOX-AD power on.

Match up with EX1/EX5 panel:

A. Long press On/Off key of the
   panel until all indicator light
   flicking.
B. EBOX-AD power on, the lamps
   flicker slowly, please complete
   step C within 15s
C. Press any key on EX1 panel
   (or the matching zone key on EX5).

＊ Please do it when panel is power-on.

Match up with 106 gateway:
Turn on APP, click "ZONE" key
to enter "zone set" interface,
click the right top "MATCH" key,
then operate following the prompts.

Step 3:

The lamps of EBOX-AD flicker quickly and then stop flicking, match code successfully.

Match Code (ID learning button method):

Step 1:

Short press "ID learning button" on EBOX-AD, the lamps flicker, please
complete step 2 within 15 seconds.

ID learning
button

Step 2:

Match up with F1 remote:
Long press On/Off key on F1.

Match up with RC4-RF-B remote:
Long press the matching On key
on RC4-RF-B.

Match up with EX1/EX5 panel:
Long press On/Off key on the
panel, then press any key on
EX1 panel (or the matching
zone key on EX5).

＊ Please do it when panel is power-on.

Match up with 106 gateway:
Turn on APP, click "ZONE" key
to enter "zone set" interface,
click the right top "MATCH" key,
then operate following the prompts.

Step 3:

The lamps of EBOX-AD flicker quickly and then stop flicking, match code successfully.

＊No further notice if any changes in the manual.
  Product function depends on the goods.
  Please feel free to contact our official distributor if any question.