LTECH

Wireless Module

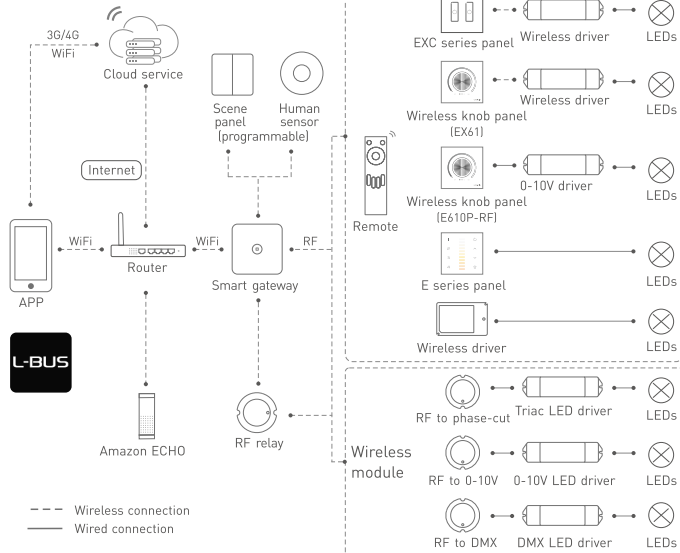Model: EBOX-TD
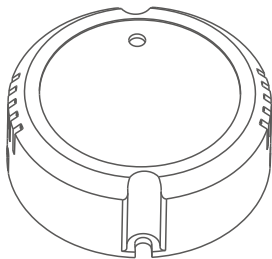
FC CE **RoHS** warranty 5 years ISO9001:2008

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System Diagram

L-BUS

Wireless connection
Wired connection

Wireless LED controller

EX series panel — Wireless driver — LEDs
EXC series panel — Wireless driver — LEDs
Wireless knob panel (EX61) — Wireless driver — LEDs
Wireless knob panel (E610P-RF) — 0-10V driver — LEDs
E series panel — LEDs
Wireless driver — LEDs

Wireless module

RF to phase-cut — Triac LED driver — LEDs
RF to 0-10V — 0-10V LED driver — LEDs
RF to DMX — DMX LED driver — LEDs

3G/4G WiFi
Cloud service
Scene panel (programmable)
Human sensor
Internet
WiFi
APP
Router
Smart gateway
RF
Remote
Amazon ECHO
RF relay

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Product Introduce

EBOX-TD wireless module applies L-BUS wireless communication protocol, which can realize wireless control through various terminal operation devices of L-BUS system. EBOX-TD wireless module can be directly used for dimmable light bulb, traditional light bulb or adjustable LED crystal chandelier. External power supply luminaire equipped with LTECH LED driver can better show the perfect dimming effect. In L-BUS wireless technology applications, complex wiring and expensive technical debugging are eliminated, making new construction or retrofit installation so simple.
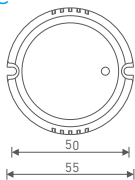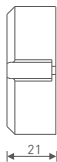
Technical Specs

EBOX-TD Wireless Module

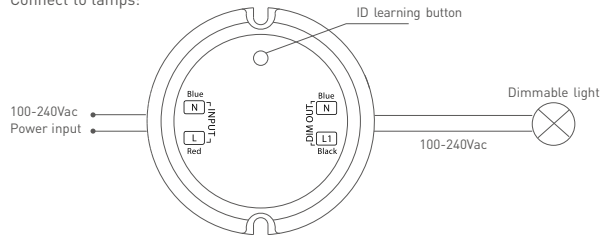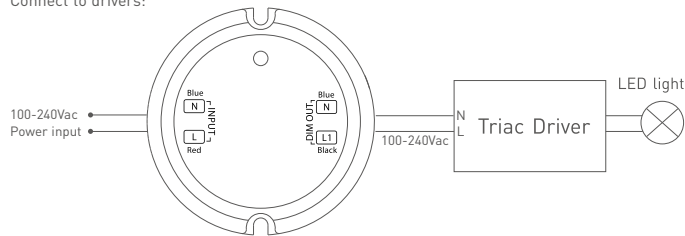|			
Input Voltage:	100~240Vac	Working Temp.:	Ta: -30°C~55°C Tc: 65°C
Frequency Range:	50/60Hz	Dimensions:	L55×W55×H21(mm)
Wireless Signal:	RF 2.4GHz	Package Size:	L65×W65×H26(mm)
Dimming Mode:	Trailing edge (ELV)	Weight(G.W.):	70g
Working Current:	Max. 1.2A		
Load Power:	Incandescent lamp or high-voltage halogen lamp: 100W(100V), 200W(200V) Dimming LEDs: Max. 150W		

Product Size

Unit: mm

50
55
21

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Wiring Diagram

Wire:18AWG / 0.75²

Connect to lamps:

ID learning button

100-240Vac Power input

Blue N INPUT L Red

Blue N DIM OUT L1 Black

Dimmable light

100-240Vac

Connect to drivers:

100-240Vac Power input

Blue N INPUT L Red

Blue N DIM OUT L1 Black

100-240Vac

Triac Driver

LED light

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E.g.:

Match Code (ID learning button method):

Step 1:

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

ID learning
button

Step 2:

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

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

Match with EX1S/EX5 panel:
Long press On/Off key on the
panel, then press any key on
EX1S panel (or the matching
zone key on EX5).

Match with 106/108 gateway:
Turn on APP, enter "zone set"
interface, click the right top
"MATCH" key, then operate
following the prompts.

＊ Please do it when panel is power-on.

Step 3:

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

Match Code (power on method)

Step 1:

EBOX-TD power off.

Step 2:

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

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

Match with EX1S/EX5 panel:

A. Long press On/Off key on the panel until all indicator light flicking.
B. EBOX-TD power on, the lamps flicker slowly, please complete step C in 15s.
C. press any key on EX1S panel (or the matching zone key on EX5).

＊ Please do it when panel is power-on.

Match with 106/108 gateway:
Turn on APP, enter "zone set" interface, click the right top "MATCH" key, then operate following the prompts.

Step 3:

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

Clear Code:

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

ID learning button

Warranty Agreement

1. We provide lifelong technical assistance with this product:
   ● A 5-year warranty is given from the date of purchase. The warranty is for free repair or replacement if cover manufacturing faults only.
   ● For faults beyond the 5-year warranty, we reserve the right to charge for time and parts.

2. Warranty exclusions below:
   ● Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
   ● The product appears to have excessive physical damage.
   ● Damage due to natural disasters and force majeure.
   ● Warranty label, fragile label and unique barcode label have been damaged.
   ● The product has been replaced by a brand new product.

3. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. LTECH shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.

4. Any amendment or adjustment to this warranty must be approved in writing by LTECH only.

＊ 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.