



General

Product Type	Wireless
Length (mm)	55
Width (mm)	55
Height (mm)	21
Housing Color	White
Housing Material	Plastic
Mounting	Surface mounted
Weight (g)	70

Electronics

Input Domain	AC
Input Voltage	100 ~ 240V AC
Output Current Max. (A)	1.2
Power Supply	N/A
Input Frequency	50 ~ 60Hz

Lighting

Color Range	Single Color
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Control

Output Signal	Triac/ELV
Control	TRIAC

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

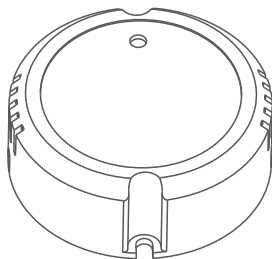
CE IP20

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

Wireless Module

Model: EBOX-TD



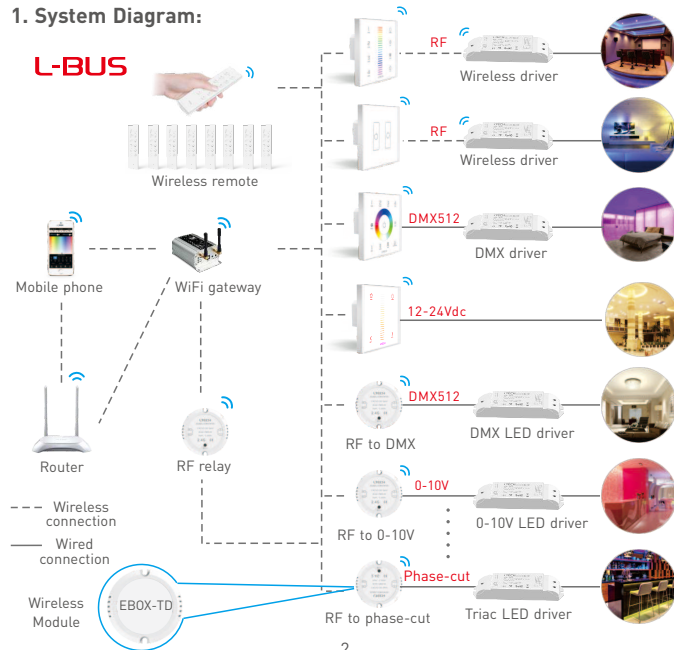
FC CE RoHS

warranty
5 years



1. System Diagram:

L-BUS



EBOX-TD wireless module applies L-BUS wireless communication protocol and converts it into trailing edge dimming signal through RF wireless communication technology, which is used together with LTECH Triac LED driver and compatible with all Triac series products in the market. Rely on L-BUS wireless technology application, it has removed the complex cabling procedure and expensive technical commissioning fee, to make it more easier for new or retrofit installations.

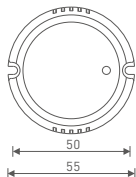
2. Technical Specs:

EBOX-TD Wireless Module

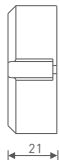
Input Voltage:	100~240Vac	Working Temp.:	Ta: -30℃~55℃ Tc: 65℃
Frequency Range:	50/60Hz	Dimensions:	L55×W55×H21(mm)
Wireless Signal:	RF 2.4GHz	Package Size:	L65×W65×H26(mm)
Dimming Mode:	Trailing edge (ELV)	Weight(G.W.):	70g
Working Current:	Max. 1.2A		
Load Power:	Incandescent lamp or high-voltage halogen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

3. Product Size:

Unit: mm

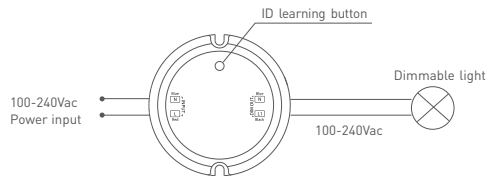


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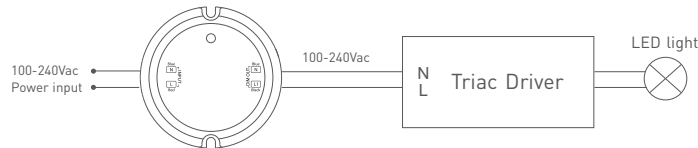


4. Wiring Diagram:

4.1 Connect to lamps:



4.2 Connect to drivers:



4

E.g.:



5. Match Code and Clear Code:

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.



Step 2:

Match up with F1 remote:

Long press On/Off key on F1.



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].



Match up with RC4-RF-B remote:

Long press the matching zone's On key on RC4-RF-B.



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.



* 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 up with F1 remote:

Hold down On/Off key on F1, meanwhile EBOX-TD power on .



Match up with EX1/EX5 panel:

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



* Please do it when panel is power-on.

Match up with RC4-RF-B remote:

Hold down the matching zone's On key of RC4-RF-B , meanwhile EBOX-TD 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-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.



6. Warranty Agreement:

6.1 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.

6.2 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.

6.3 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.

6.4 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.