

Parameters

Electrical Parameters:	
Input voltage	AC85-265V, 50/60Hz
Power consumption	0.44w max.
0-10VDC output for each channel	0-30mA
Wireless transmit power	+10dbm
Wireless receive sensitivity	-90dbm
Indoor communication distance	<=30m
Wireless central frequency	
WPAN (China)	780 to 786MHz
SRD (Europe)	864 to 870MHz
ISM (North America)	904 to 928MHz
Default band	780 MHz
Default PSK	HDL-SecurityKey0
Environment Conditions	
Working temperature	-20°C~45°C
Working relative humidity	<90%
Storage temperature	-20°C~+60°C
Storage relative humidity	<93%
Approved	
CE	
RoHS	
Product Information:	
Dimensions	44x36x17 (mm)
Weight	25.5g
Housing material	PC
Installation	Wall box
Protection degree	IP20
Fire and neutral line	1.5mm ² (the module provides 15cm wire)
Stripping length	5~7mm

Important Notes

- Check the connection - Make sure all connection is correct.
- The subnet ID, frequency, band, password of wireless 0-10V dimmer should be same as mesh gateway.
- 0-10VDC output for each channel is 0-30mA.

Overview

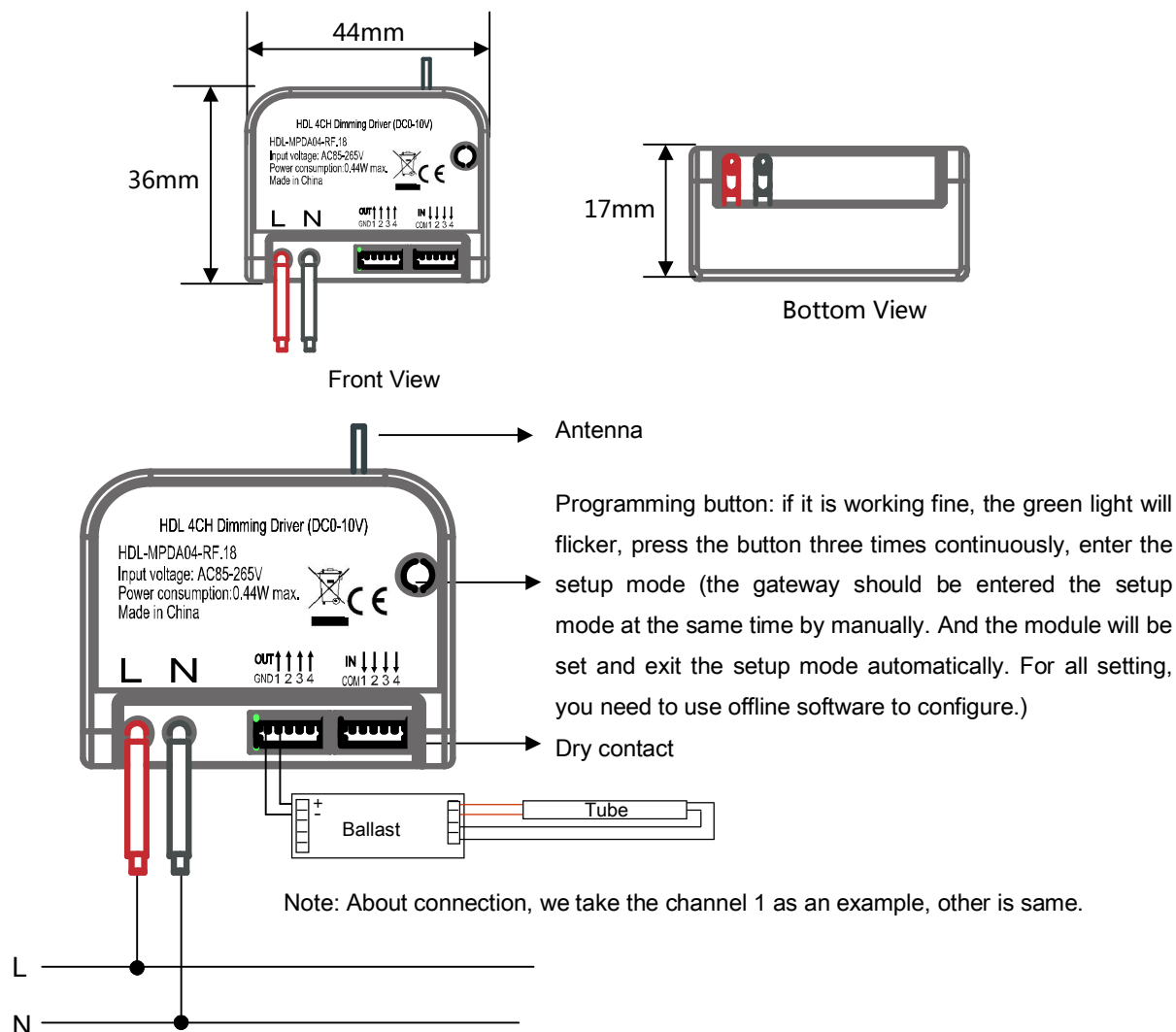


HDL-MPDA04-RF.18 Wireless 4CH DC0-10V dimmer. It has 4CH for 0-10V output, you can adjust the LED value by electronic ballast. And it has 4CH dry contact, can control target by switch. This module should be configured with mesh gateway.

Functions

- 4CH dry contact input and DC 0-10V output.
- Has dimming curves, according to your setting, you can select 1.0, 1.5, 2.0, 3.0 exponent.
- The 4CH dry contact supports electronic switch and mechanical switch, can control the target and has dimming function.
- The dry contact supports: mechanical switch, single on, single off, single on/off, combination on/off, multi-function, parallel switch.
- Each switch type can set switch mode, dimmable two-way, dimmable increase, dimmable reduce.
- Control type: scene, sequence, universal switch, single channel lighting control, broadcast scene, broadcast channel, curtain switch, GPRS control switch, Panel control, security module, z-audio control
- Supports IEEE.802.15.4
- Supports online upgrading
- Supports easy programming

Dimensions and Wiring



Safety Precautions

- Avoid contact with liquids and aggressive gases.
- Ensure good ventilation.

Packing List

- HDL-MPDA04-RF.18 *1
- Datasheet *1