

The LED Dimmer DRF-T10 is controlled with the included RF remote control (option 1.). The dimmer can also be controlled with a multi switch (not included) (option 2.).

1. YPHIX LED Dimmer DRF-T10 (product code 50208503):



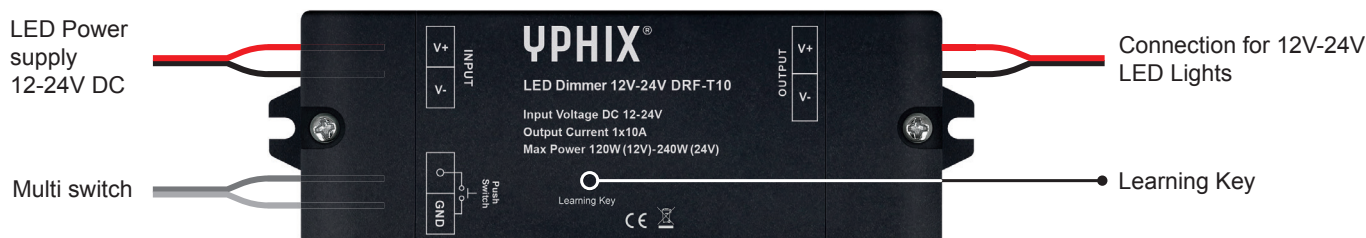
2. YPHIX LED Dimmer DRF-T10 combined with multi switch (product code 50178530):






Connecting YPHIX LED Dimmer DRF-T10

Connect a non-dimmable 12V or 24V DC power supply to the input side. Warning!! Always use a separate power supply for each dimmer and connect all the output wires of the power supply (when applicable).

Connecting LED lamps or LED strips: Connect the + and - wire of the LED lights to the output side of the dimmer. Maximum load is 10A (120W for 12V, 240W for 24V).



Connecting the remote to the dimmer.

1. Remove the plastic tag from the battery on the back of the remote. Please Note: Avoid touching the battery with bare hands while removing the tag.
 2. Press the black learning key on the dimmer for 1/4 second (very short click).
 3. Press directly afterwards (also a very short click) on the big  on the remote control.
- All connected LED lamps or LED Strips will flash once. (If not, repeat steps 1 to 3, but press even shorter on the learning key). When you press the small  on the remote control, the light will dim. If you press the big , the light will brighten up again.

Connecting one remote to more dimmers.

If you wish to control more dimmers with the same remote control, repeat all of the above steps with another DRF T10 dimmer. You can program an infinite number of dimmers to one remote control. Dimmers programmed on the same remote control, will always respond simultaneously.

To reprogram the dimmers, press the learning key on the dimmer for about 4 seconds. Any connected LED lamp or LED strip will flash twice. The memory has been erased. Repeat steps 1-3 to reprogram.

Memorize dimmer setting on remote

Press and hold the M1 Key for 2 seconds to memorize a certain brightness. The connected light will flash once to confirm. This allows you to go directly to a certain dim level by only pressing a button (M1). To memorise a second dimmer setting press M2 for 2 seconds. This step can be repeated any time to overrule the last setting.

Connecting YPHIX LED Dimmer DRF T10 to a multi switch.

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Connect a two conductor wire from the multi switch to the LED dimmer DRF T10 (see the image below). Always power the dimmer with the before mentioned LED power supply. The multi switch does not require its own power supply. The multi switch can be used in combination with the RF remote control. More dimmers can be connected to one multi switch (see image)



4. TouchLink to a Zigbee Remote

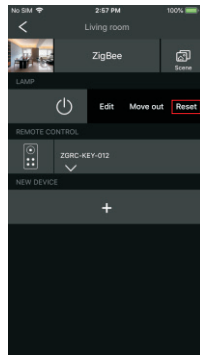
Step 2: Bring the remote or touch panel within 10cm of the lighting device.

Step 3: Set the remote or touch panel into Touchlink commissioning, please refer to corresponding remote or touch panel manual to learn how.

Step 4: There shall be indication on the remote for successful link and connected light will flash twice.

Note: 1) Directly TouchLink (both not added to a ZigBee network), each device can link with 1 remote.
2) TouchLink after both added to a ZigBee network, each device can link with max. 30 remotes.
3) For Hue Bridge & Amazon Echo Plus, add remote and device to network first then TouchLink.
4) After TouchLink, the device can be controlled by the linked remotes.

5. Removed from a Zigbee Network through Coordinator or Hub Interface



From your ZigBee controller or hub interface, choose to delete or reset the lighting device as instructed. The connected light blinks 3 times to indicate successful reset.

6. Factory Reset Manually

Note: 1) If the device is already at factory default setting, there is no indication when factory reset again.

2) All configuration parameters will be reset after the device is reset or removed from the network.

Step 2: Connected light will blink 3 times to indicate successful reset.

Step 1: Method 1: Short press "Reset" button (or re-power on the device) 4 times to start Touchlink commissioning immediately, 180S timeout, repeat the operation.
Method 2: Re-power on the device, Touchlink commissioning will start after 15S if it's not added to a zigbee network, 165S timeout. Or start immediately if it's already added to a network, 180S timeout. Once timeout, repeat the operation.

7. Factory Reset through a Zigbee Remote (Touch Reset)

Note: Make sure the device already added to a network, the remote added to the same one or not added to any network.

Step 2: Bring the remote or touch panel within 10cm of the lighting device.

Step 3: Set the remote or touch panel into Touch Reset procedure to reset the device, please refer to corresponding remote or touch panel manual to learn how.

Step 4: There shall be indication on the remote and connected light flashes 3 times for successful reset.

Step 1: Re-power on the device to start TouchLink Commissioning, 180 seconds timeout, repeat the operation.

8. Find and Bind Mode

Note: Make sure the device and remote already added to the same zigbee network.

Step 2: Set the remote or touch panel (target node) into find and bind mode, and enable it to find and bind initiator, please refer to corresponding remote or touch panel manual.

Step 3: There shall be indication on the remote or touch panel that it bind the device successfully and can control it then to learn how.

Step 1: Short press "Reset." button 3 times (Or re-power on the device (initiator node) 3 times) to start Find and Bind mode (connected light flashes slowly) to find and bind target node, 180 seconds timeout, repeat the operation.

9. Learning to a Zigbee Green Power Remote

Step 2: Set the green power remote into Learning mode, please refer to its manual.

Step 3: Connected light will flash twice to indicate successful learning. Then the remote can control the device.

Step 1: Short press "Reset." button 4 times (Or re-power on the device 4 times) to start Learning mode (connected light flashes twice), 180 seconds timeout, repeat the operation.

Note: Each device can learn to max. 20 zigbee green power remote.