

Wall Mounted Touch Panel

Dual White



Features

- DMX Wired output or PWM RF output
- 4 Independently controllable zones
- DMX signal output, units are compatible with all brands of DMX decoders
- Ability to use wireless control with multiple receivers
- Ultra-sensitive touch colour wheel with high strength glass touch panel
- Smooth and accurate colour adjustment using the colour wheel
- Touch keys with chord tones and LED indication
- Recommended flush box HPM YF4N

Codes	
Black	LCDMXSD-T12-B
White	LCDMXSD-T12-W

Input and Output	
Input voltage	85-265 VAC
Input current	Max 0.1A
Output signal	DMX512, RF 2.4GHz
DMX output channel #	8

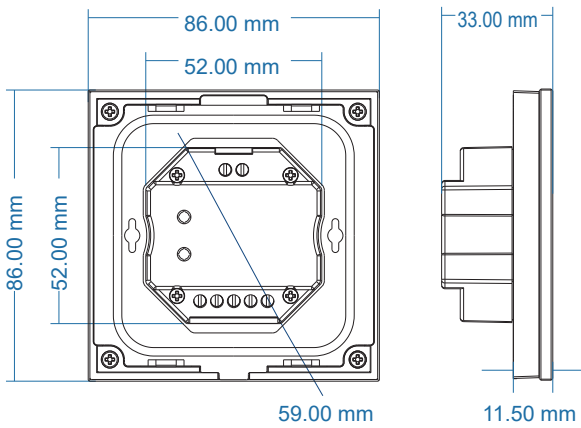
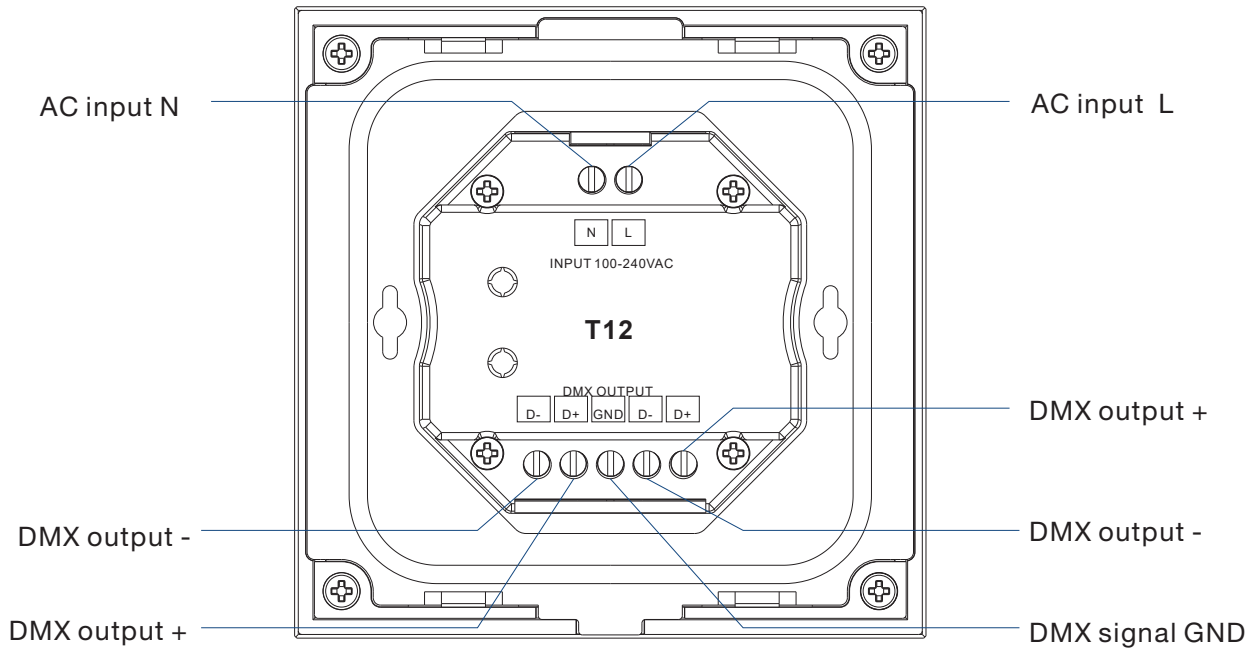
Dimming Data	
Input signal	Touch key + RF 2.4GHz
RF Control distance	30m
Dimming level	256 levels
Dimming range	0-100%

Safety and EMC	
EMC standard (EMC)	EN301 489, EN 62479
Safety standard (LVD)	EN60950
Radio Equipment (RED)	EN300 328
Certification	CE, EMC, LVD, RED

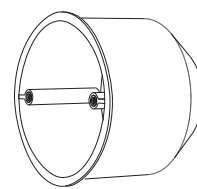
Environment	
Operation temperature	Ta: -30°C ~ +55°C
Max case temperature	Tc: +85°C
IP rating	IP20

Warranty and Protection	
Warranty	5 years

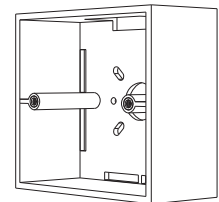
Mechanical Structures and Installations



Typical base as below:

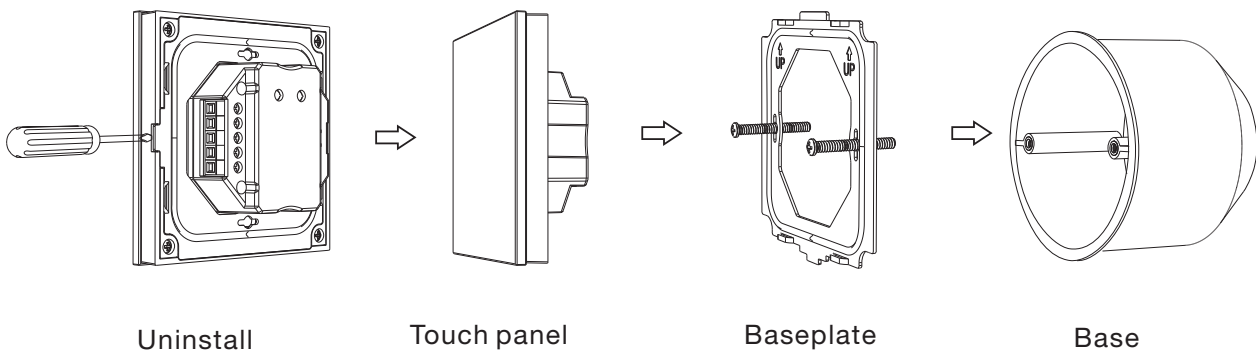


European style



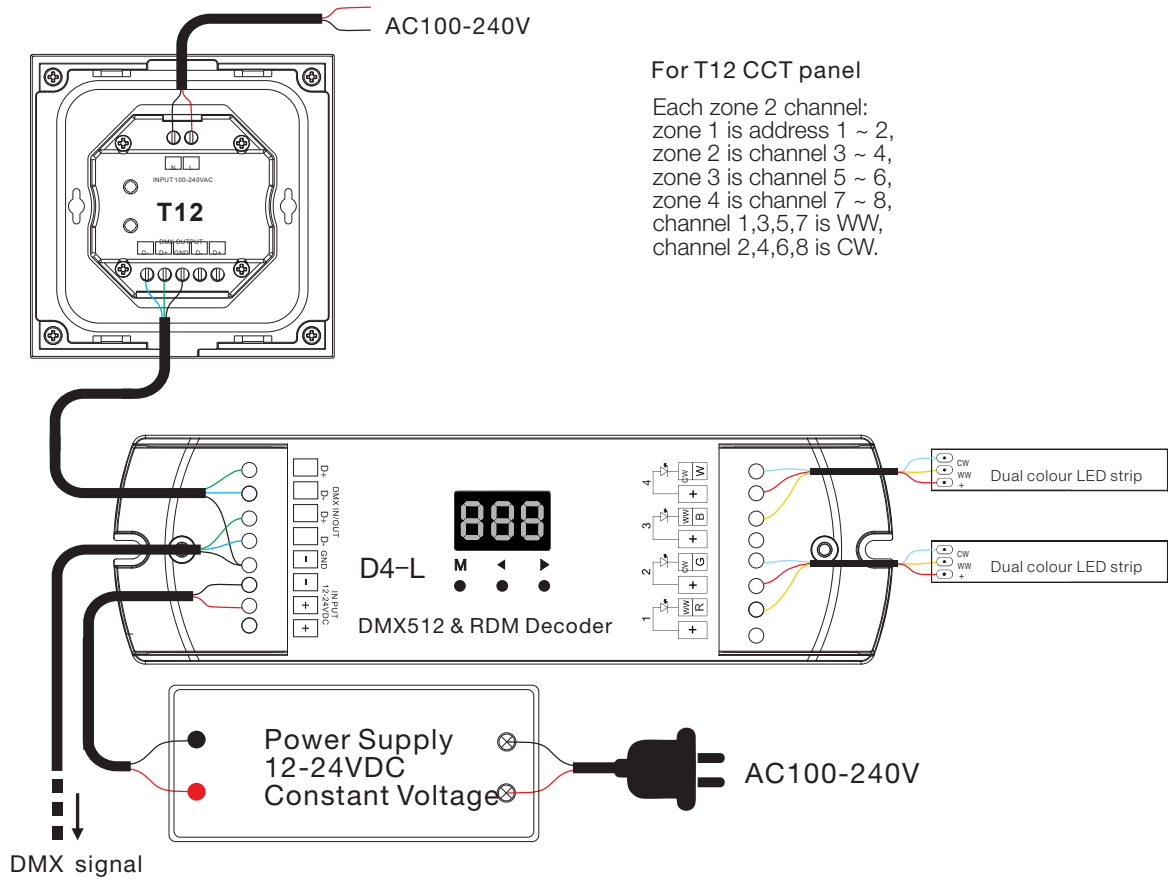
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Installation diagram:

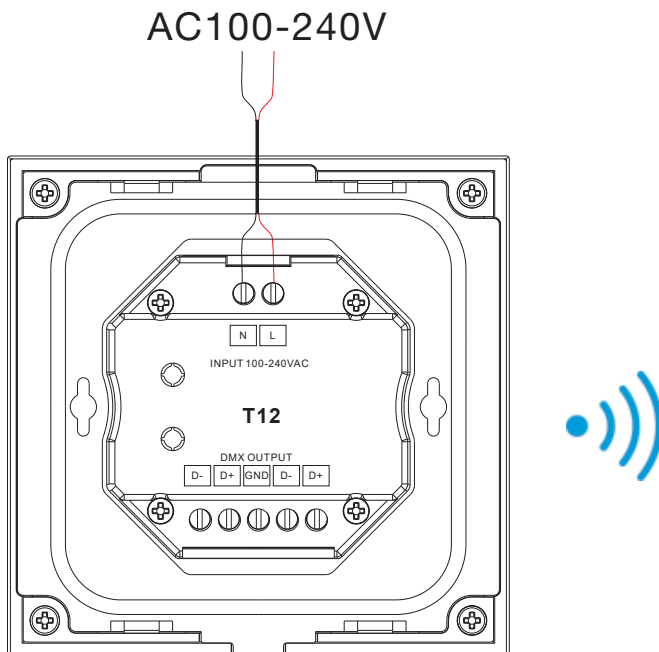


Wiring Diagram

For the touch panel to work as DMX512 master

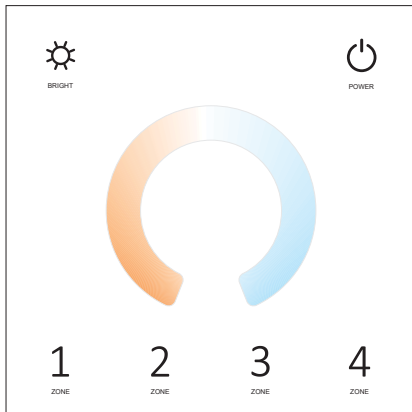


For the touch panel to work as RF remote



Key Functions

T12 Dual colour panel



-  — Turn on/off all zone light.
 -  — Brightness, 10 levels.
 -  — Colour temperature wheel.
- 1** **2** **3** **4**
ZONE ZONE ZONE ZONE

Short press turn on zone light and select zone simultaneously, long press for 2 seconds to turn off zone light. 4 zone control separately or synchronously, each zone could control multiple receivers.

Matching with RF remote as DMX512 master

The DMX512 master touch panel can also match with a 4 zone remote. Below are two options to process a match or delete existing matches.

Use the controller's Match Key

Match:

Turn the light on and off, immediately press the on/off key on the touch panel for 5 seconds, then press any zone key on the RF remote within 5 seconds. The LED indicator will flash 3 times to confirm the match is successful.

Delete:

Turn the light on and off, immediately press the on/off key on the touch panel for 10 seconds to delete all matches. The LED indicator will flash 6 times to confirm existing matches were deleted.

Use Power Restart

Match:

Switch the power off and on again, immediately short press the on/off key 3 times on the remote. The light will blink 3 times, to confirm the match is successful.

Delete:

Switch the power off and on again, immediately short press on/off key 5 times on the remote. The light blinking 5 times confirms all matched remotes were deleted.

Address Assignment (DMX512 master)

Model T12	WW	CW
Zone 1 DMX decoder's address	1	2
Zone 2 DMX decoder's address	3	4
Zone 3 DMX decoder's address	5	6
Zone 4 DMX decoder's address	7	8

Matching to RF remote

The 4 zone touch panel can match with an RF controller for the corresponding light type. Below are two options to process a match or delete existing matches.

Use the controller's Match Key

Match:

Turn the light on and off, immediately press the on/off key on the touch panel for 5 seconds, then press any zone key on the RF remote within 5 seconds. The LED indicator will flash 3 times to confirm the match is successful.

Delete:

Turn the light on and off, immediately press the on/off key on the touch panel for 10 seconds to delete all matches. The LED indicator will flash 6 times to confirm existing matches were deleted.

Use Power Restart

Match:

Switch the power off and on again, immediately short press the on/off key 3 times on the remote. The light will blink 3 times, to confirm the match is successful.

Delete:

Switch the power off and on again, immediately short press on/off key 5 times on the remote. The light blinking 5 times confirms all matched remotes were deleted.

Malfunctions Analysis & Troubleshooting

Malfunctions	Causes	Troubleshooting
No light	<ol style="list-style-type: none">1. No power2. Wrong or insecure connection	<ol style="list-style-type: none">1. Check the power2. Check the connection
Wrong colour	<ol style="list-style-type: none">1. DMX decoder address error2. Wrong connection of output wires	<ol style="list-style-type: none">1. Check the first address2. Reconnect output wires

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