

2 Wire Master Box (2.4GHz)

Model: HTR5

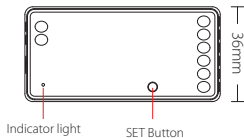
Features

- Only for use with RGB / RGBW / RGB+CCT subordinate Lamp
- 16 million colors adjustable, Saturation adjustable, Color temperature adjustable
- 4096 levels smooth dimming, Min brightness 0.1%, dimming range 0.1%-100%
- One master box can be paired with 12 remote (Control distance 30m)
- Auto-forwarding: Automatically forward the remote control signal to another master box, making the remote control distance infinite
- Auto-synchronization: The same dynamic pattern is automatically synchronized to keep the pattern consistent
- Support do not disturb mode setting, Suitable for areas with frequent power outages to save electricity
- Supports "Tuya Smart" app control (2.4GHz gateway is needed)
- Support Alexa, Google Assistant, Yandex Alice (2.4GHz gateway is needed)

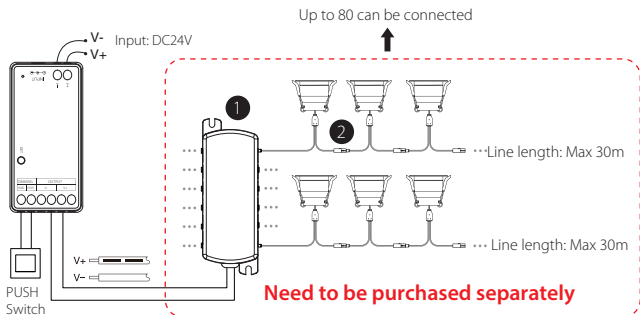


Parameters

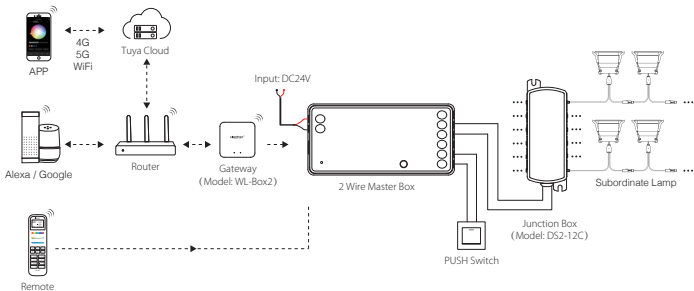
Product Name:	2 Wire Master Box (2.4GHz)	Dimming level:	4096 levels
Model No.:	HTR5	Dimming Range:	0.1%-100%
Input Voltage:	DC24V	Dimming Curve:	Logarithmic
Output Current:	Max 10A	EMC Standard (EMC):	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.1.1
Output Power:	240W	Safety Standard (LVD):	EN 61347-1:2015+A1:2021 EN 61347-2-11:2001+A1:2019
Output Type:	Constant Voltage	Radio Equipment (RED):	ETSI EN 300 440 V2.2.1
Control Signal:	2.4GHz RF	Certification:	CE, EMC, LVD, RED
Control Distance:	30m	Warranty:	5 Years
IP Rate:	IP20		
Working Temp.:	-10~40°C		



Connection Diagram



Application Diagram



PUSH Switch Dimming

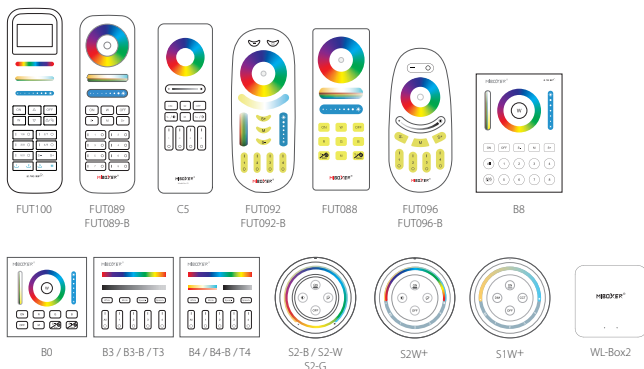
Short press the "PUSH switch"

Turn lights on or off.

Long press the "PUSH switch"

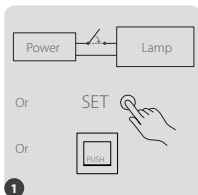
Adjust the light brightness level.

Compatible with remote control (need to be purchased separately)



Remote Control Instructions

1). Linking Code Instructions



Power off, then power on again after 10 seconds or the "SET" button once or turn on the light through the PUSH switch.



Short press the "L" button 3 times within 3 seconds.

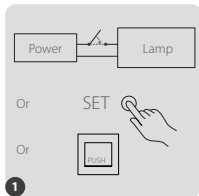


The light flashes slowly 3 times, indicating successful Linking.



If the light does not flash slowly, the code binding failed, please perform the above steps again.
(Note: Already coded lamps cannot be coded again).

2). Unlinking Code Instructions



Power off, then power on again after 10 seconds or the "SET" button once or turn on the light through the PUSH switch.



Short press the "I" button 5 times within 3 seconds.



The lamp flashes 10 times quickly, indicating successful unlinking



If the light does not flash quickly, unlinking failed, please perform the above steps again.
(Note: For lamps that are not coded, no unlinking is required.)

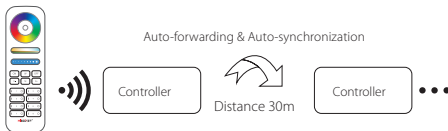
3). Auto-forwarding & Auto-synchronization

Remote control signal auto-forwarding

The remote control signal received by the host will be forwarded to another host within 30m, making the control distance infinite.

Dynamic mode auto-synchronization

In the same dynamic mode, the lamps will be automatically synchronized so that the dynamic effects are always consistent.



4). Turn Do Not Disturb mode on and off (ON by default)

Turn on "Do Not Disturb" (applicable to areas with frequent power outages to save energy)

Turn on Do Not Disturb mode:

Short press the "OFF" button 3 times within 3 seconds, and then short press the "ON" button 3 times. The light flashes 4 times to indicate success.

Turn off Do Not Disturb mode:

Short press the "ON" button 3 times within 3 seconds, and then short press the "OFF" button 3 times. The light flashes 4 times slowly to indicate successful shutdown.

Note: When the lamp is powered on again after a power outage, its status (lights on or off) will remain the same as before the power outage.

Note: When the lamp is powered on again after a power outage, its status will be on by default.

Notice

1. When installing the device, please turn off the power to ensure safety.
2. Please check if the input voltage is consistent with the device.
3. Non-professional users cannot disassemble the device directly, otherwise the device may be damaged.
4. Do not use the device near large metal areas or areas with strong electromagnetic waves, otherwise the remote control distance will be seriously affected.



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