

RF Singal Repeater Specification

AS1-GDA



【Features】

- Apply for wireless signal extension, greatly ensures RF communication stability and wide controlling area.
- Powered by AC100-240V or DC12-24V.
- Compatibility with RF 2.4G remote control.
- Easy to be placed in standard wall junction box.
- Certification: CE、RoHS;
- Warranty: 5 years.



【Technical Parameterss】

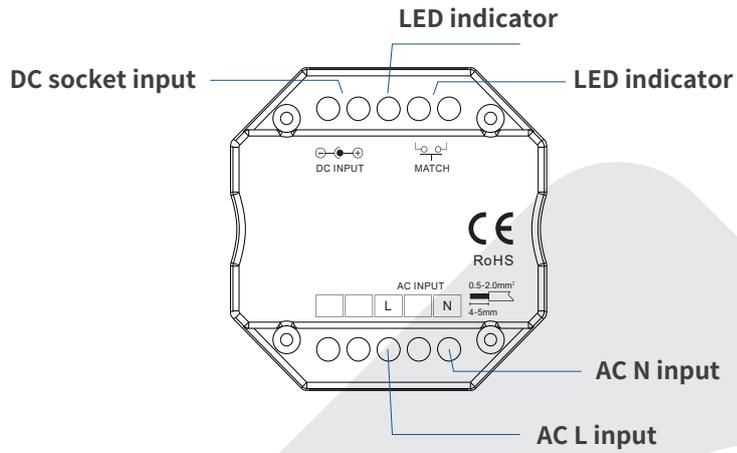
Name	Item	Parameter
RF Singal Repeater	Model	AS1-GDA
	Input voltage	AC100-240V DC12-24V
	Power consumption	AC≤0.6W,DC≤0.4W
	Input signal	RF2.4GHz
	Output signal	RF2.4GHz
	RF Control distance	30m
	Product Size	L52*W52*H26mm
	Operation temperature	-30℃— +55℃
	Case temperature (Max.)	Max 65℃
	IP rating	IP20
	Certification	CE、RoHS
	Warranty	5 years

Remarks:

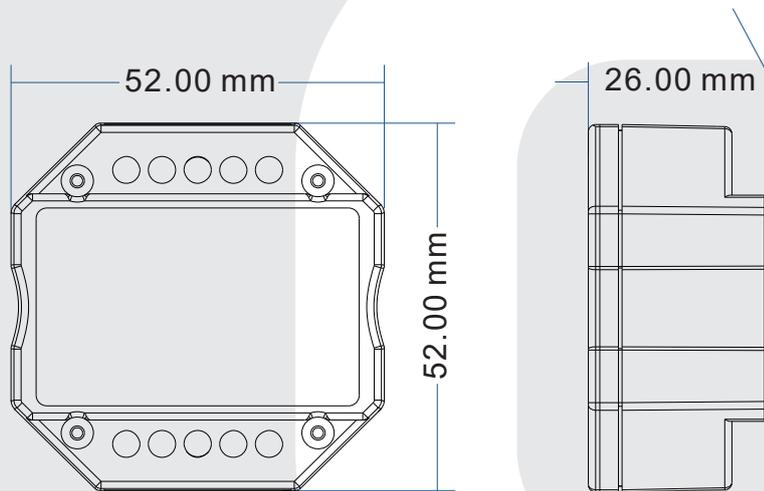
- 1、 The above parameters are based on the standard test;
- 2、 The above parameters are typical values.;

[Mechanical Structures and Match Ways]

1、Wiring location:



2、Structure size:



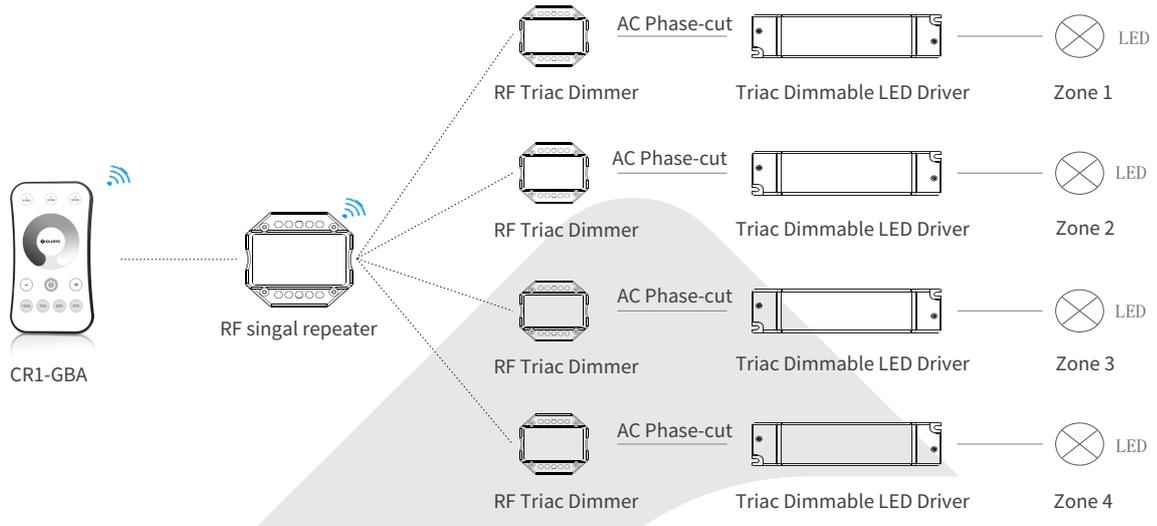
3、Match Remote Control:

If you want to extend the remote control signals, please match the remote control with the RF signal repeater firstly.

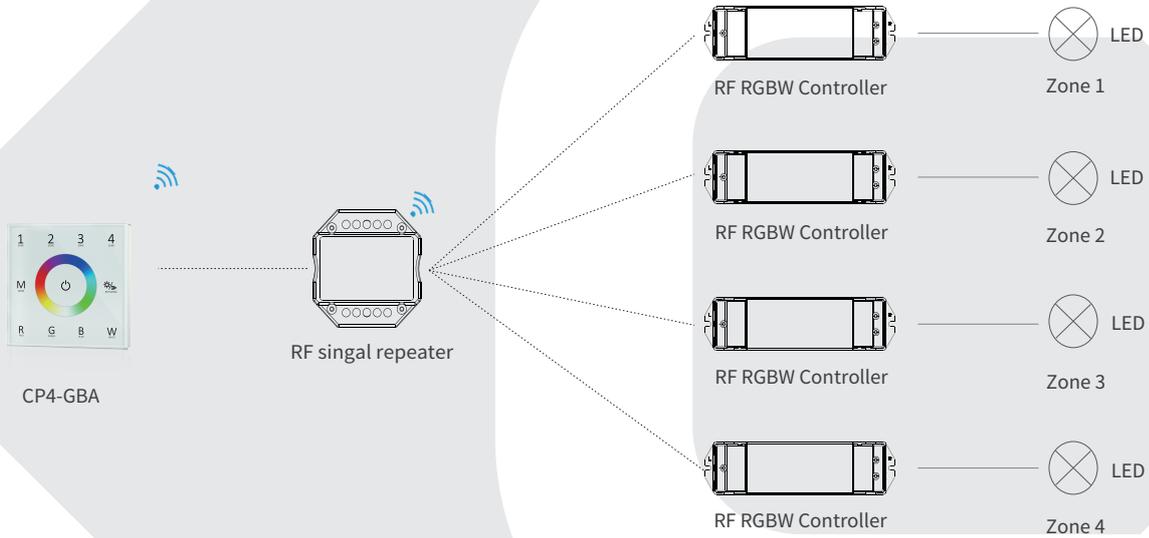
Item	Match Ways
Match	Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) of the remote. The LED indicator fast flash a few times means match is successful.
Delete	Press and hold match key for 5s to delete all match, The LED indicator fast flash a few times means all matched RF remotes were deleted.

[Application notes]

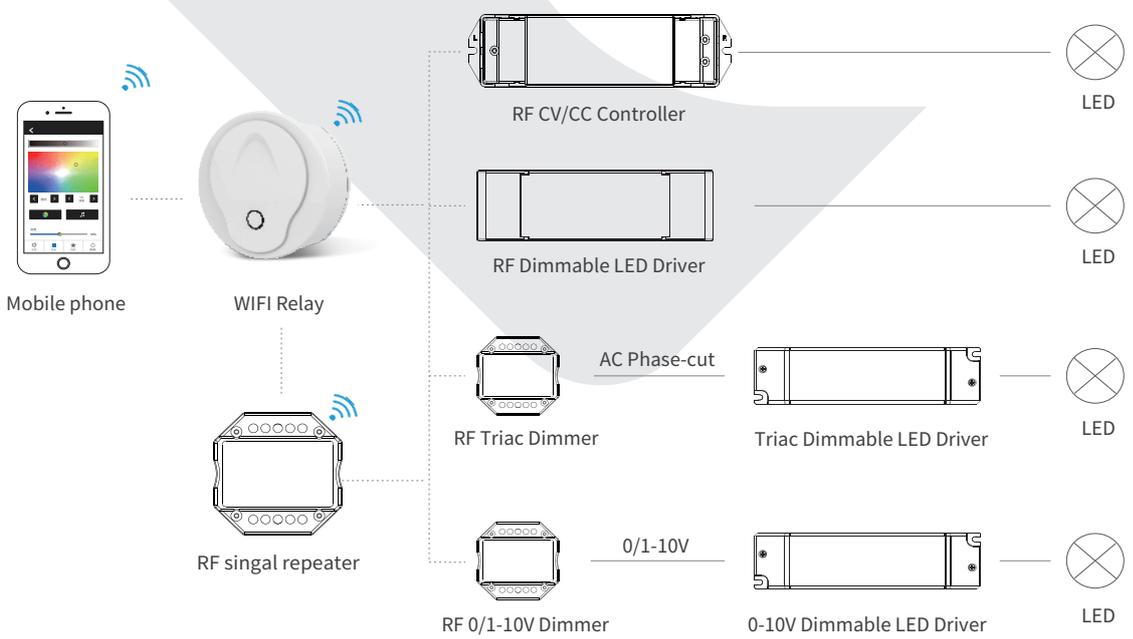
1. RF remote & RF repeater application example.



2. RF remote & RF repeater application example.



2. RF remote & RF repeater application example.



【Packing】

1、Packing list:

Model	Manual	PE Bag	Repeater	Individual box
ASI-GDA	1PCS	1PCS	1PCS	1PCS

2、Packaging Information:

Model	Individual box size	Quantity/box	Number / Box	net weight (kg)	Net weight per carton (kg)	Gross weight (kg)	Carton size (mm)
ASI-GDA	L178*50*38 mm	1PCS	100PCS	0.108	10.8	12.2	285*245*210

【Reliability Test Information】

Test items	Testing requirements	Guideline	Test method or condition (streamline)
Performance Testing	Basic function test	Colors	Input 24.0V, it should work normally, and It can be normally connected with controllers of various models Connect, the transfer signal is correct
High temperature aging	High temperature Aging test	Colors	Input power supply voltage: 24VDC; Conditions: temperature 55 °C, aging time 24h;

【Precautions】 :

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid direct sun, rain and high humid ambient.
3. Good heat dissipation will prolong the working life of the controller, Please ensure good ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the product.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damage to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.