



**REPEATER**

**DS-002**



## Manual

### MAIN FEATURES:

1. Working frequency: 433.92MHz, ASK
2. Working voltage: DC 12V
3. Standby current: < 25mA
4. Working current: < 200mA
5. Receiving sensitivity: -110dB
6. Range: 1500m (open area)
7. Capacity of Transmitters: 999pcs

### OPERATIONS:

**Firstly, please check and confirm if the repeater needs to be programmed or not. If the repeater is with ALL SIGNAL TRANSFER function, then the user can ignore following procedure 4) and 5); If the repeater has to be programmed with relevant transmitters, then please operate as following procedure step by step:**

1. Install antenna: Please install 2 antennas on the device at first.
2. Deploy repeater: Please put the repeater in the middle between transmitter and receiver and adjust the distance well according to the signal of transmitter.
3. Turn on: Take the plastic back cover out, plug in DC 12V 1A adapter, the power indicator LED is on (red color).
4. Programming transmitters: Take the plastic back cover out, press and hold "Program" key (on the PCB) 3 seconds till blue signal LED is on. Then trigger relevant transmitter, the blue signal indicator LED flicks twice which means programmed successfully. After program, short press "Program" key to standby.
5. Delete transmitters: Press and hold the "Program" key for 3 seconds till the blue signal LED is on, then press and hold the "Program" key for another 5 seconds till the blue signal indicator LED flicks 4 times and then releases.

**NOTICE:**

1. Install the antenna upwards, and do not put it near metal materials and heavy wall.
2. This device is not waterproof.
3. If repeater can't receive signal, please adjust distance between repeater and transmitter, till the repeater can receive the signal from transmitter, and then adjust distance between receiver and repeater.