

# Power Microwave

## BiDiPA433-5W10 Bidirectional Signal Booster

### Introduction

The BiDiPA433-5W10 Bidirectional Signal Booster is a Lightweight and compact unit designed to increase the performance and range of the transceiver work in the 433MHz ISM band. Such as Ultra Low Power RF Transceiver, Software Defined Radio, Wireless AV transmitter, Remote controller, Wireless camera. This product has the function of bidirectional amplification signal. Can be used with all kinds of antenna.

### Specifications

Model Number	BiDiPA433-5W10	Maximum Output power	5000mW
Frequency Band	350-550MHz	Maximum Input power	500mW
Cooling mode	active magnetic fan	Minimum Input power	10mW
Weight	≈50 g	optimum Input power	50mW
Box Size	10x10x4 cm	Power Supply Voltage	11-18V
Output connector	SMA-K	Lithium battery	3S 4S
input connector	SMA-J	Power dissipation	≈20W
TX Gain	20 dB	RX Noise figure	<2.5dB
RX Gain	26 dB	RED LED	Booster Running

### Quick Install Guide

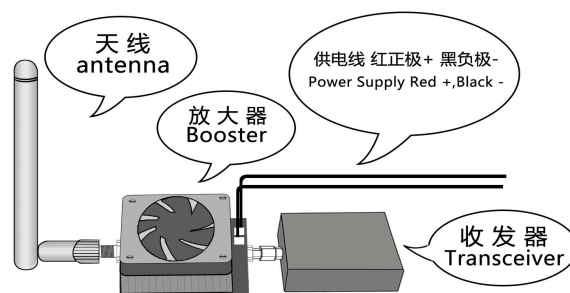
STEP 1: Turn off the power supply of the transceiver, take down the antenna of the transceiver.

STEP 2: The booster input port connection with the output port of the transceiver.

STEP 3: Reconnect the antenna to the booster.

STEP 4: Connect the power supply. The red LED lights means the booster to work.

### Connection diagram



### ACUTION DANGER!

- Turn off the power supply before remove or replace the antenna.
- Please ensure good heat dissipation.
- Not lightning protection ! Not waterproof !
- Non professional modification may be damage the device !
- Please observe the local electromagnetic radiation regulations, Our company is not liable for any resulting liability.