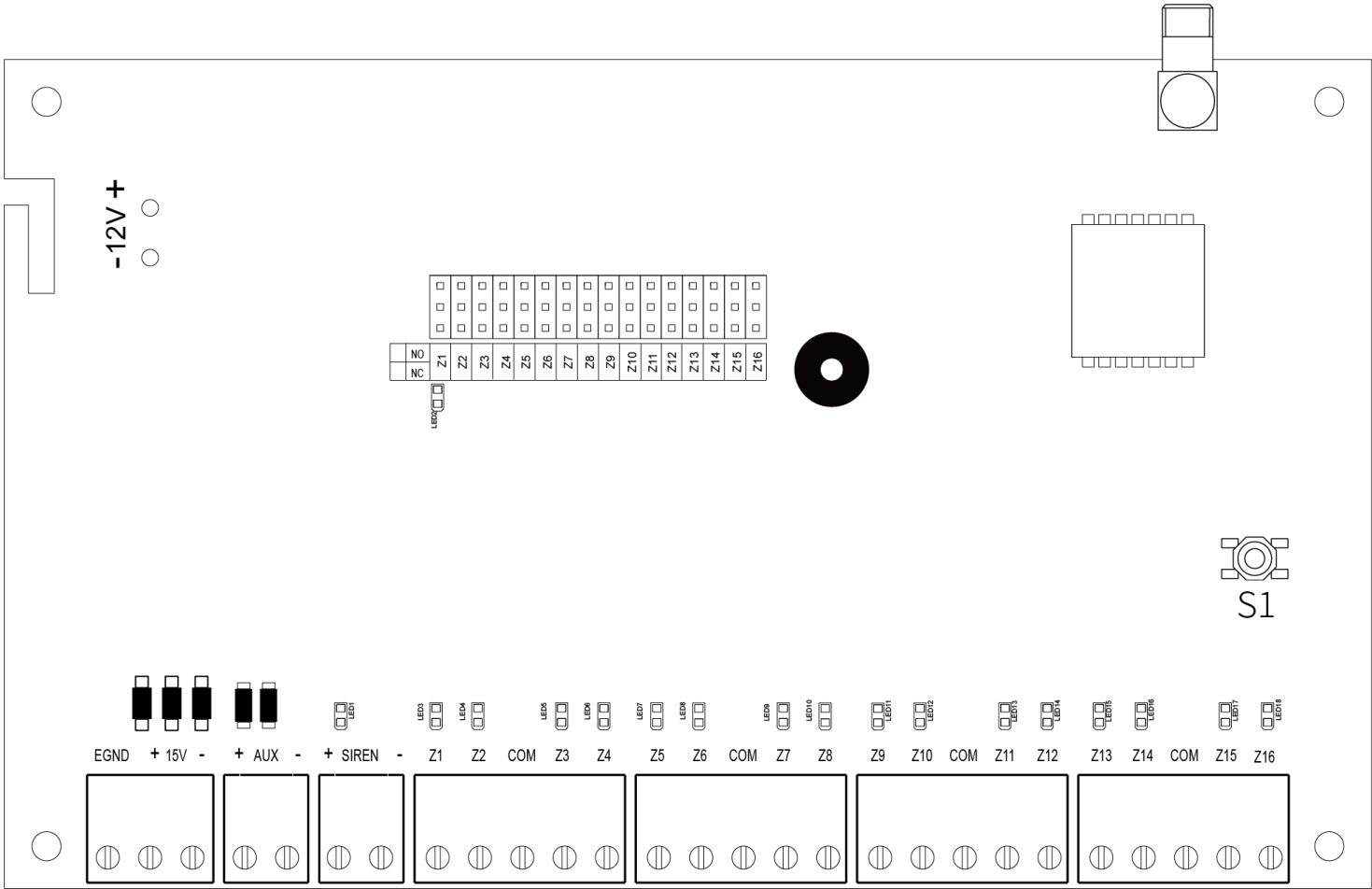


Hardwired to Wireless Converter

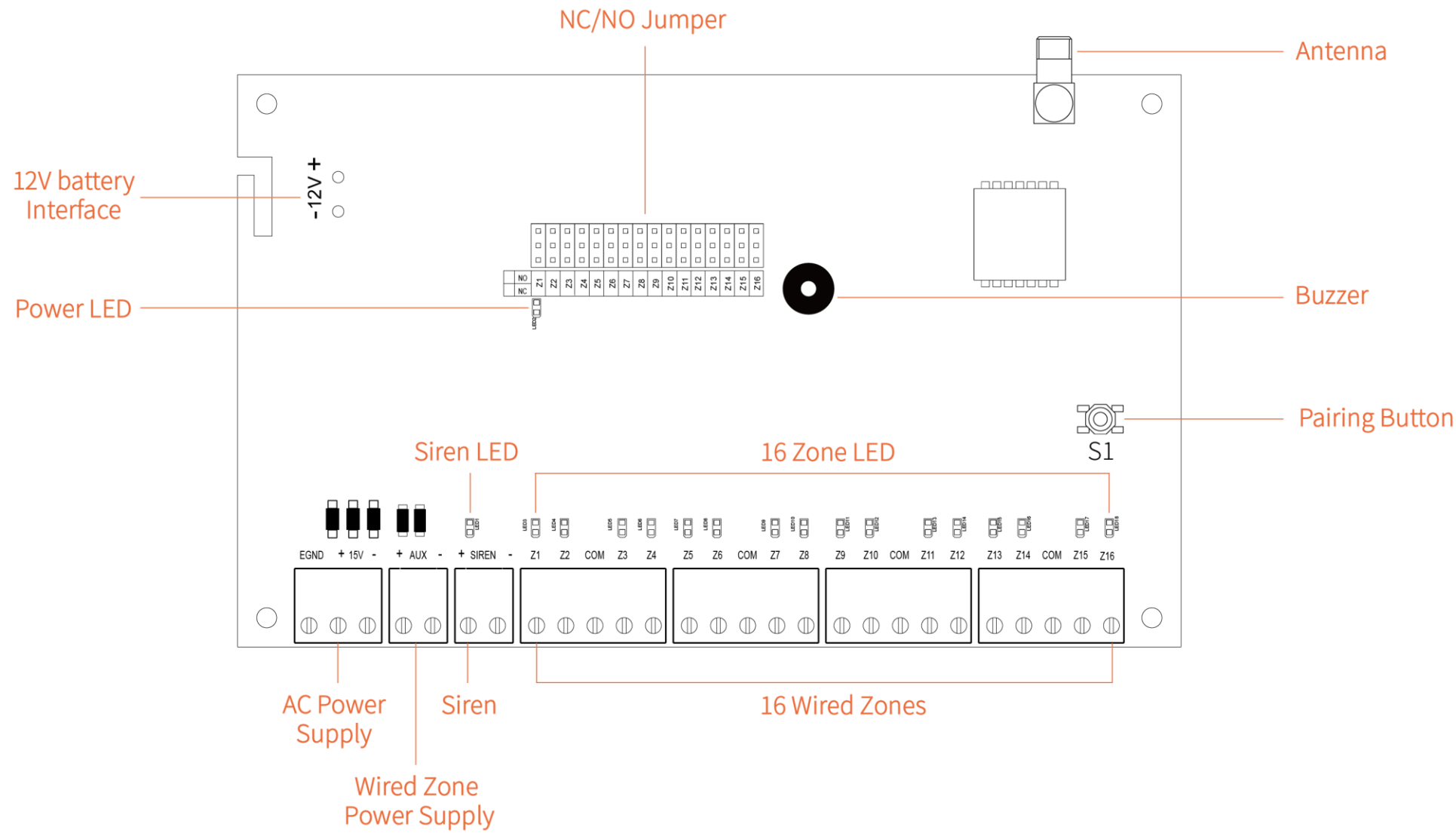
User Manual

• General Description

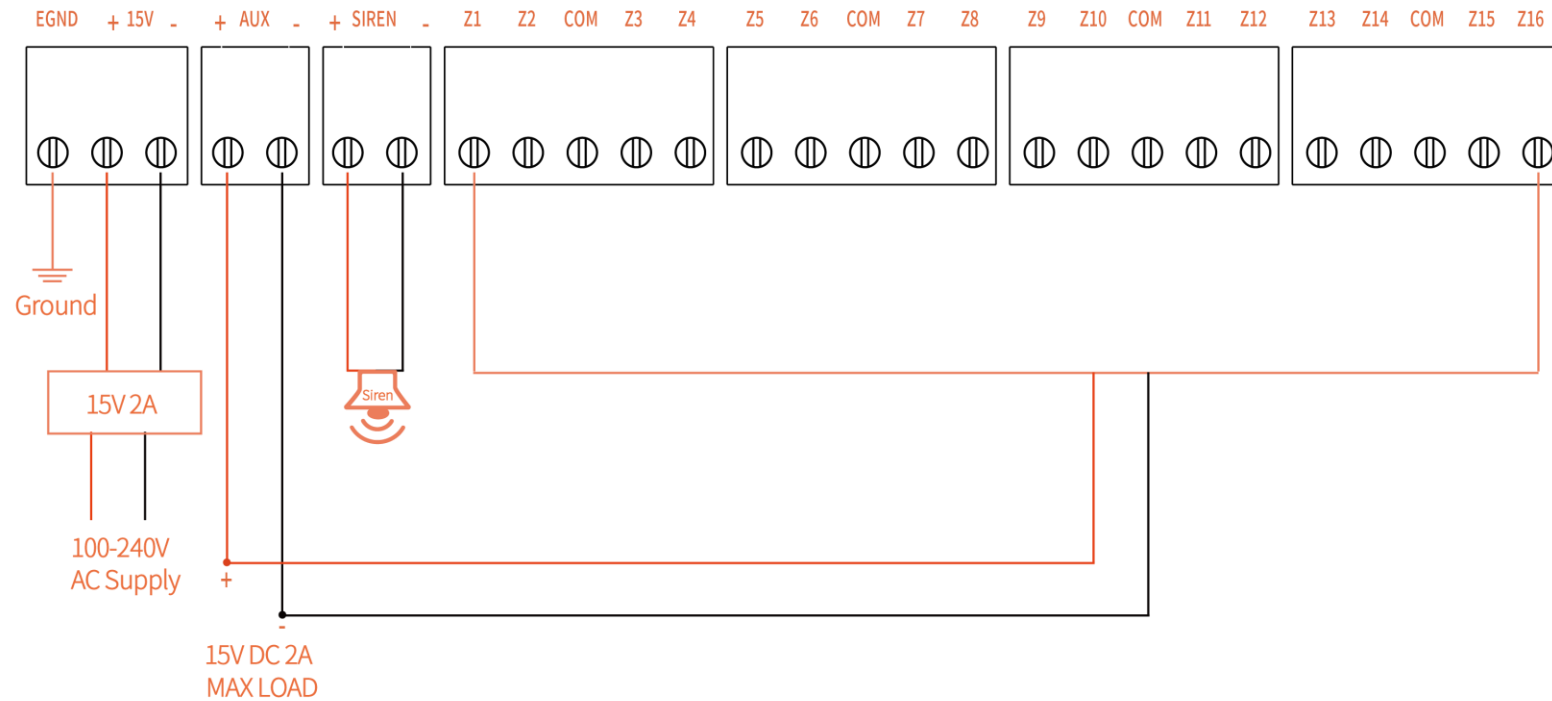
The Hardwired to Wireless Converter revitalizes the old wired security system to wireless by converting their wired sensors to wireless sensors. This converter will allow users with wired zones the fastest transition to the best wireless security systems. 16 onboard zone terminal pairs for connecting hardwired sensors. Each zone has its own LED light, which is convenient for checking the status of each zone in time. Easy to install and provides a battery interface to power wired zones.



• Converter Overview



• Wiring Diagram



- +15V-** Input voltage: DC15V 5.0A. Connect the positive and negative terminals of the power supply. A wireless signal is sent when power is lost and restored.
- +AUX-** Output voltage: MAX DC15V 2.0A. Connect the positive and negative terminals of the wired zone device.
- +SIREN-** Output voltage: Max DC15V 3.0A. Connect the positive and negative terminals of the wired siren, and the siren will sound after receiving the alarm signal.
- Z1 ~ Z16:** Wired zone-wiring position. Every four zones share COM, and there is no need to connect resistors when wiring.
- NC/NO Mode:** After the zone is wired, it is necessary to adjust the NC/NO mode for the device according to the actual situation.

• Work with the Alarm Panel

1. Pair the Alarm Panel

- (1) **On the Alarm Panel:** Press Accessory — Sensor — General, press Pair, and then wait for the signal of the converter.
- (2) **On the Converter:** Short press the S1 pairing button, LED 18 will flash, and the alarm panel will display that there are 16 accessories paired, corresponding to the converter Z1~Z16.
- (3) **Accessory Setting:** According to the zone type and the actual needs of your home, press on the corresponding zone to set the alarm mode, delayed alarm, secret alarm, etc.
- (4) **Rename Zone:** Support renaming each zone on the APP.

2. Pair the Wired Siren

- (1) **On the Alarm Panel:** Press Accessory — Siren, wait for the converter to enter pairing mode. (Do not press OK)
- (2) **On the Converter:** Press and hold the S1 pairing button for 2 seconds, the converter makes a short beep, and the LED 18 is always on, indicating that the converter is in the siren pairing state.
- (3) **On the Alarm Panel:** Press OK, the converter makes a long beep, LED 18 goes out, the pairing is successful, and it will automatically exit the pairing state.

Note:

- (1) If the converter emits 3 short beeps during the pairing process, it means repeated accessories.
- (2) If there is no operation for more than 30 seconds in the pairing state, the converter will automatically exit the pairing state.

3. Disable Zone

On the APP: Press Accessory — Other, find the corresponding defense zone, turn off the switch, and turn it on when you need to use it.

4. Delete Wired Siren

On the Converter: Press and hold the S1 button for 3 seconds, the converter emits 3 short beeps, LED 18 flashes 3 times quickly, and the siren has been deleted.

- **Specification**

Product name: RW-16

Power supply: DC15V 5.0A

Internal backup battery: 12V DC 7A rechargeable battery (not included)

Radio frequency: OOK 433MHz

Wireless transmission distance: $\leq 150\text{m}$ (open area)

Wired Zone: 16

Temperature/humidity: $-20^{\circ}\text{C} \sim 55^{\circ}\text{C} / \leq 80\%$ (non-condensing)

Size(LxWxH): 165*100*18mm