

Introduction to the Luan Niao Series Functions

Wireless touch-sensitive switch:

● Lightly touch the touch area to turn the light on/off; press and hold the touch area when the light is on to adjust brightness;

● Wireless Homo sapiens body induction switch:  
When a homo sapiens passes through the sensing area, the light turns on, and it automatically turns off approximately 30 seconds after the homo sapiens leaves the sensing area; during the illuminated state, long-press the code-matching button to adjust the brightness from 100% to 6%.

● Wireless Hand-Sweep Induction Switch:  
Wave your hand once within the sensing range to turn the light on/off. When the light is on, keeping your hand within the sensing area for 2 seconds will dim the light from 100% to 6%.

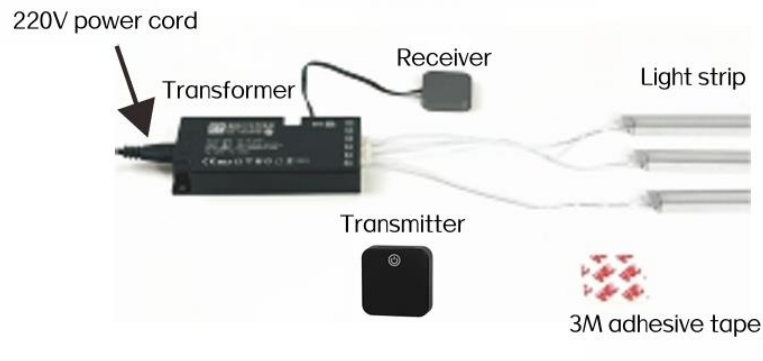
● Wireless Door Control Induction Switch:  
Single-door control induction mode: When both induction holes on the sensor are simultaneously blocked within the induction range (3 – 15 cm), the switch remains normally closed (NC), and the light stays off. When the object moves out of the induction range, the switch becomes normally open (NO), and the light turns on.  
Dual-door control induction mode: Install the sensor at the center position of the double doors. Door 1 blocks induction hole 1, and Door 2 blocks induction hole 2. When both induction holes are simultaneously blocked within the

induction range (3 – 15 cm), the switch remains normally closed (NC). When either door is opened, the switch becomes normally open (NO), and the light turns on.

Introduction to the Luan Niao Series Functions

| Specification Parameters        |                                     |                                    |                     |                        |
|---------------------------------|-------------------------------------|------------------------------------|---------------------|------------------------|
| Induction type                  | Touch-sensitive switch              | homo sapiens body induction switch | Hand-sensing switch | Gated induction switch |
| model, model number, version    | FDCM                                | FDRT                               | FDSS                | FDMK                   |
| Sensing distance                |                                     | 3 meters                           | 3-15 cm             | 3-15 cm                |
| Remote control distance         | 15 meters                           |                                    |                     |                        |
| Adjust brightness               | yes                                 |                                    |                     |                        |
| Delay time                      |                                     | 30 seconds                         |                     |                        |
| Lighting method                 | on-off mode                         |                                    |                     |                        |
| Power supply method             | AAA battery 1.5V * 2 pieces, size 7 |                                    |                     |                        |
| Receiver operating power supply | c12 24v                             |                                    |                     |                        |
| Installation method             | Open clothing                       |                                    |                     |                        |
| Operating temperature range     | -10° C-40° C                        |                                    |                     |                        |

Operation installation wiring diagram



Note: This induction switch is a centralized control port and must be used with a transformer equipped with a 3P socket.

|                                |                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code matching method           | Within 10 seconds after the receiver is powered on, the receiver will enter the code matching state. Then press and hold the code matching button on the back of the wireless sensor switch (for about 5 seconds) without releasing it until the LED strip flashes once. The pairing is completed and it is ready for use. |
| Decoding methodDecoding method | When the receiver is powered on within 10 seconds, it will enter the code-matching state. Then press and hold the code-matching button on the back of the wireless sensor switch (for approximately 5 seconds) without releasing it until the LED light strip flashes three times, indicating the completion of decoding.  |

| Packaging Accessories List                                                                                           |                                 |          |
|----------------------------------------------------------------------------------------------------------------------|---------------------------------|----------|
| Serial Number                                                                                                        | Name                            | Quantity |
| 1                                                                                                                    | Double-sided self-adhesive tape | 1 unit   |
| 2                                                                                                                    | Screw                           | 2        |
| Certificate of Conformity<br>This product has passed the inspection and is approved for shipment.<br>Inspector: QC01 |                                 |          |

**FCC Warning:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.