## Technical Specs

**UX6  Color Temperature Touch Panel**

<table>
<thead>
<tr>
<th>Input Voltage:</th>
<th>5Vdc, 0.5A~1A (with an adapter)</th>
<th>Working Temp.: -30°C~55°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Signal:</td>
<td>RF 2.4GHz, DMX512</td>
<td></td>
</tr>
<tr>
<td>Control Mode:</td>
<td>CT, 4 Zones</td>
<td></td>
</tr>
<tr>
<td>Weight(N.W.):</td>
<td>230g</td>
<td></td>
</tr>
<tr>
<td>Weight(G.W.):</td>
<td>370g</td>
<td></td>
</tr>
<tr>
<td>Package Size:</td>
<td>L132×W192×H50(mm)</td>
<td></td>
</tr>
</tbody>
</table>

**R4-3A  Constant Voltage Receiver (receiver is sold separately)**

<table>
<thead>
<tr>
<th>Wireless Signal:</th>
<th>RF 2.4GHz</th>
<th>Working Temp.: -30°C~55°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage:</td>
<td>5~24Vdc</td>
<td></td>
</tr>
<tr>
<td>Current Load:</td>
<td>3A × 4CH</td>
<td>Max. 12A</td>
</tr>
<tr>
<td>Output Power:</td>
<td>Max 60W/144W/288W(5V/12V/24V)</td>
<td></td>
</tr>
<tr>
<td>Weight(G.W.):</td>
<td>60g</td>
<td></td>
</tr>
<tr>
<td>Package Size:</td>
<td>L127×W35×H24(mm)</td>
<td></td>
</tr>
</tbody>
</table>

**R4-5A  Constant Voltage Receiver (receiver is sold separately)**

<table>
<thead>
<tr>
<th>Wireless Signal:</th>
<th>RF 2.4GHz</th>
<th>Working Temp.: -30°C~55°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage:</td>
<td>5~24Vdc</td>
<td></td>
</tr>
<tr>
<td>Current Load:</td>
<td>5A × 4CH</td>
<td>Max. 20A</td>
</tr>
<tr>
<td>Output Power:</td>
<td>Max. 100W/240W/480W(5V/12V/24V)</td>
<td></td>
</tr>
<tr>
<td>Weight(G.W.):</td>
<td>150g</td>
<td></td>
</tr>
<tr>
<td>Package Size:</td>
<td>L178×W48×H33(mm)</td>
<td></td>
</tr>
</tbody>
</table>

**R4-CC  Constant Current Receiver (receiver is sold separately)**

<table>
<thead>
<tr>
<th>Wireless Signal:</th>
<th>RF 2.4GHz</th>
<th>Working Temp.: -30°C~55°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage:</td>
<td>12~48Vdc</td>
<td></td>
</tr>
<tr>
<td>Output Voltage:</td>
<td>3~46Vdc</td>
<td></td>
</tr>
<tr>
<td>Output Current:</td>
<td>CC 350/700/1050mA×4CH</td>
<td></td>
</tr>
<tr>
<td>Output Power:</td>
<td>1.05W~48.3W×4CH Max. 193.2W</td>
<td></td>
</tr>
</tbody>
</table>
Product Size:
The Unit: mm

Touch Panel

Terminals

Signal Interface
DMX RJ45

1: DMX+
2: DMX-
3: NC
4: Power
5: Power
6: NC
7: GND
8: GND

DMX Signal Output

Power Input

5V

USB Input

Power Indicator
The Running Light

Slot
Reset key
Slot

R4-3A

R4-5A/R4-CC
**Installation Instruction:**

1. Install the base into the wall. Typical bases as below:

2. Use a straight screwdriver to pry the position shown:

3. Screw the baseplate and the base in the wall firmly.

4. Connect in a right way and put the power adapter into the base.
5 Embed the upper touch panel into the baseplate and then tap the bottom to press into the slots.

Key Functions

- **On/Off**: Long press: off
- **Night-light Mode**
- **Brightness+**
- **Brightness-**
- **Scene-mode keys**: Short press: play, Long press: save
- **Zone Selection Keys**: Short press: on/select, Long press: off
- **Touch Slider**
- **Night-light Mode**

* When UX6 is off, long press ⏰ to turn on/off the tone.
Application Composition

DMX512 Signal Output:

1. Touch panel (UX6)
2. Touch panel (UX6) + Remote (V6)
3. Touch panel (UX6) + WiFi master controller (WIFI-104)
4. Touch panel (UX6) + WiFi master controller (WIFI-104) + Remote (V6)

Wireless Control:

1. Touch panel (UX6) + Wireless receiver (R4-3A/5A, R4-CC)
2. Touch panel (UX6) + Remote (V6) + Wireless receiver (R4-3A/5A, R4-CC)
3. Touch panel (UX6) + WiFi master controller (WIFI-104) + Wireless receiver (R4-3A/5A, R4-CC)
4. Touch panel (UX6) + WiFi master controller (WIFI-104) + Remote (V6) + Wireless receiver (R4-3A/5A, R4-CC)

DMX Output Wiring:

DMX Input:

DMX Output:

DMX Address=1

Zone 1

DMX Address=5

Zone 2

DMX Address=9

Zone 3

DMX Address=13

Zone 4

DMX lamp

Power supply

Power supply

Power supply

Power supply
**RF Wireless Wiring**

**Match / Clear Code between UX6 (V6) & Receivers**

**Match Code:**
Short press “ID learning button” on receiver (R4-3A/5A, R4-CC), then press any zone key on UX6 or V6. If the lamps flicker once, match successfully.

**Clear Code:**
Long press “ID learning button” on receiver (R4-3A/5A, R4-CC) for 5 seconds, if the lamps flicker twice, deactivate the matching successfully.

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**DMX System Wiring**

**Match Code Sequence**

1. Match WiFi-104 with UX6, which enables the smartphone to control DMX device via WiFi-104.
2. Match V6 with UX6, which enables V6 to control DMX device.

*PS: No WiFi router needed when WiFi-104 work with phones directly.*
Wireless System Wiring

Match Code Sequence

1. WiFi-104 & UX6
2. UX6 & R4-5A/R4-CC
3. V6 & R4-5A/R4-CC

PS: No WiFi router needed when WiFi-104 work with phones directly.

Match Code:

1. Press key on panel for 3s, all the indicator lights flicker.

2. Press any zone key on V6 within 5s, if the indicator lights on panel stop flickering, match successfully.

Clear Code:

Press keys simultaneously on UX6 for more than 6s, if all the indicator lights flicker 3 times, deactivate the matching successfully.

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