

Wireless Socket with British Standards Plug (Model 0020711 S1PX-UK-AC220)

Feature:

Application: It can be used in industry automation, agriculture automation and home automation, such as factory, house, farm, pasture, vehicle, ship, offshore operation, aerial vehicle, field call, etc. It can remote control equipments on land, water and air, such as remote control lights, sirens, locks, motors, fans, winches, blinds, linear actuators, doors, windows, electric solenoid valves, security alarm, business signs and various devices.

Wireless control, easy to install.

Universal input: Support voltage of AC110V (100V~120V), widely used in US, Canada... and voltage of AC220V (200V~240V), used in UK, France...

AC Power Output: It can control AC equipment with voltage 110V / 120V / 220V / 240V AC.

High Power: It can work at maximum current 13A, such as 2800W/220V.

With wired control terminals: You can connect sensors, limit switches, manual switches or external devices to control wireless socket.

You can turn on/ off wireless socket with transmitter (remote control) from any place within a reliable distance.

Wireless RF signal can pass through walls, floors, doors or windows.

With reverse power protection and over current protection.

Reliable control: Wireless socket only works with the transmitter which use same code.

One/several transmitters can control one/several wireless socket simultaneously.

You can use two or more units in the same place.

Wireless Socket Parameters:

Model No.: S1PX-UK-AC220

With British Standards Plug and Socket.

Power Supply (Operating Voltage): AC100~240V (110V/120V/220V/240V)

Output: AC100~240V (110V/120V/220V/240V)

Working Frequency: 315MHz / 433MHz

Channel: 1CH

Control Modes: Toggle, Momentary, Latched

Static Current: $\leq 6\text{mA}$

Maximum Working Current: 13A

PCB size: 90mm x 59mm x 18mm

Case size: 100mm x 68mm x 50mm

Work with Fixed code transmitters or Learning code transmitters.

Matching Transmitters:

This wireless socket can work with different transmitters, such as model C-1 / C-2 (100M), CWB-1 / CWB-2 (50M, waterproof), CP-1 / CP-2/CV-2 (500M), or CB-1 / CB-2 (1000M), CBW-1/CBW-2 (1000M, waterproof) etc.

When you set wireless socket in toggle or momentary mode, it should work with single button transmitter, such as model C-1 (100M), CWB-1 (50M, waterproof), CP-1 (500M), or CB-1 (1000M), CBW-1 (1000M, waterproof) etc. When you set wireless socket in latched mode, it should work with two buttons transmitter, such as model C-2 (100M), CWB-2 (50M, waterproof), CP-2 (500M), CV-2 (500M), CB-2 (1000M), or CBW-2 (1000M, waterproof) etc.

Working Range:

With a transmitter (such as CWB-2) to form a complete set, the maximum working distance can reach 50M in an open ground.

The maximum working distance is a theoretical data, it shall be operated in an open ground, no barriers, no any interference. But in the practice, it will be hindered by trees, walls or other constructions, and will be interfered by other wireless signals. Therefore, the actual distance may not reach this maximum working distance.

If you want to have a further working range, you can install an external antenna to wireless socket, and you also can use a powerful transmitter, such as CB series transmitters.

Usage:

Wireless socket can be used to control AC 110~240V equipments.

Wiring:

If you want to control a AC 220V exhaust fan, do as following:

Connect the exhaust fan the socket, and connect the plug to the AC 220V power supply.

Setting different control modes:

Setting different control modes (We have set wireless socket as Latched control mode before delivery. If you want to use other control modes, do as following operation):

Setting control mode Latched: Do not connect Jumper-1 and Jumper-2.

Control mode Latched (such as with transmitter CWB-2): Press button A -> On, Press button B -> Off.

Press button A of the transmitter: The socket outputs AC power, the exhaust fan works.

Press button B of the transmitter: The socket stops outputting, the exhaust fan stops.

Setting control mode Toggle: Only connect Jumper-2.

Control mode Toggle (such as with transmitter CWB-1): Press -> On; Press again -> Off.

Press button of the transmitter: The socket outputs AC power, the exhaust fan works.

Press button again: The socket stops outputting, the exhaust fan stops.

Setting control mode Momentary: Only connect Jumper-1.

Control mode Momentary (such as with transmitter CWB-1): Press and hold -> On; Release -> Off.

Press and hold button of the transmitter: The socket outputs AC power, the exhaust fan works.

Release button of the transmitter: The socket stops outputting, the exhaust fan stops.

Wired control terminals:

Wireless socket has manual control terminals, you can connect external devices, sensors, or manual switches to control wireless socket.

1) Signal input:

You can connect external devices (with low level output signal) to manual terminals 1 (Signal -) and terminal 2 (Signal +), then the external device's output signal can control wireless socket.

When the external device outputs low level signal to manual terminal 1 and terminal 2, turn on the relay. The socket outputs AC power.

When the external device stops to output signal, turn off the relay. The socket stops outputting.

2) The manual switches:

You can connect manual switch to terminals 1 and 2, and then you can use this manual switch to control wireless socket.

When connect terminals 1 and 2, turn on the relay. The socket outputs AC power.

And when disconnect terminals 1 and 2, turn off the relay. The socket stops outputting.

How to pair the transmitter to wireless socket:

1) Press the learning button in wireless socket for 1- 2 seconds; signal LED in wireless socket is on. Wireless socket enters into status of LEARNING.

2) Press any one button on transmitter. If signal LED flashes quickly 15 times and turns off, it means learning is successful.

3) When wireless socket is in the status of LEARNING, press again the button in wireless socket, signal LED turns off, learning process will be discontinued.

4) Wireless socket can learn several remote controls with different codes.

Delete all transmitters:

We have learned remote control to wireless socket. If you don't want wireless socket to work with the remote control, you can delete all codes of remote controls, which are stored in wireless socket.

Operation: Press and hold the button in wireless socket until signal LED flashes slowly; release the button, LED keeps slow flash. That means all stored codes have been deleted successfully.

