ZABLL P30

ZABLL P30 DC 5V USB Wireless Remote Control Switch User Manual

Introduction

This manual provides comprehensive instructions for the ZABLL P30 DC 5V USB Wireless Remote Control Switch. This device allows you to remotely power on and off various USB-powered devices such as LED lights, strip lights, reading lamps, and small fans. It features a simple plug-and-play design and uses RF technology for reliable wireless control.

Package Contents

- 1x ZABLL P30 USB Wireless Receiver
- 1x ZABLL P30 Wireless Remote Control Transmitter

Product Overview

The ZABLL P30 system consists of two main components: a USB receiver and a wireless remote control transmitter.



Image 1: The ZABLL P30 USB Wireless Remote Control Switch, showing both the USB receiver with its male and female connectors and the two-button remote control transmitter.

USB Receiver

The receiver features a USB male connector for power input and a USB female connector for connecting your device. It includes an indicator light that illuminates when the connected device is powered on.

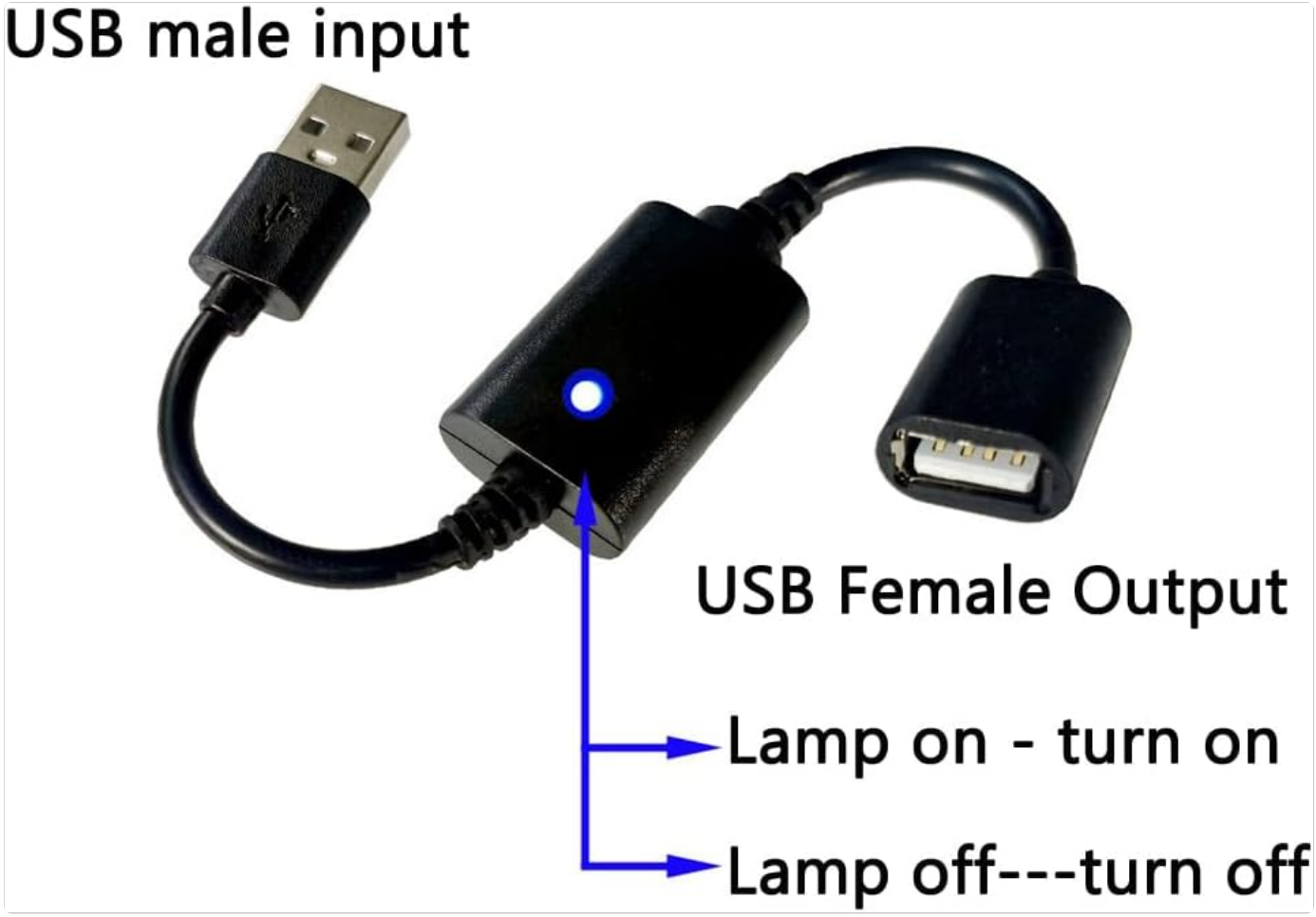


Image 2: Close-up of the ZABLL P30 USB receiver, highlighting the USB male input, USB female output, and the blue indicator light. The light indicates power status: on when illuminated, off when dark.

Wireless Remote Control Transmitter

The transmitter has two buttons, typically labeled 'A' and 'B', for controlling the receiver. It operates using RF (Radio Frequency) technology, allowing control through walls and obstacles within a specified range.

Specifications

ZABLL P30 Technical Specifications

Feature	Specification
Operating Voltage (Receiver)	DC 5V
Operating Voltage (Transmitter)	DC 6V
Working Mode	Latched Mode (MOS tube SCR, silent, non-contact)
Frequency	433.92 MHz
Standby & Working Current (Receiver)	6 mA
Operating Current (Transmitter)	13 mAh

Feature	Specification
Load Capacity	3A (15 Watts at 5V)
Remote Distance	20-50 meters (unobstructed)
Encoding	EV1527 330K
Receiver Weight	20g
Transmitter Size	5.7 x 3.2 x 1.1 cm
Product Dimensions (L x W x H)	6.5 x 4.2 x 0.5 inches (approx. 22cm total length)
Compatible Devices	LED lights, light strips, lamp beads, light fans, remote controllers, wireless controllers, fields, relays, light bulbs, buzzers, circuit boards



Image 3: The ZABLL P30 USB receiver shown next to a ruler, indicating an approximate total length of 22 cm for the cable and receiver unit.

Setup

1. **Connect Power:** Plug the USB male connector of the ZABLL P30 receiver into a 5V USB power source (e.g., USB wall adapter, power bank, computer USB port).
2. **Connect Device:** Plug your USB-powered device (e.g., LED light, fan) into the USB female connector of the ZABLL P30 receiver.

3. **Initial State:** The receiver and transmitter are pre-paired at the factory. Upon initial connection, the device connected to the receiver will typically be in the OFF state.

Operating Instructions

The ZABLL P30 operates in a latched mode. This means one button turns the device ON, and another button turns it OFF.

- **To Turn ON:** Press button 'A' on the remote control. The indicator light on the receiver will illuminate, and the connected device will power on.
- **To Turn OFF:** Press button 'B' on the remote control. The indicator light on the receiver will turn off, and the connected device will power off.

The RF signal allows control from a distance of 20-50 meters, even through walls, floors, and doors, provided there are no significant signal obstructions.

Code Pairing (Learning Function)

The receiver has a learning function, allowing it to be paired with additional remote controls or to re-pair with the original transmitter if needed. Specific instructions for entering learning mode are not provided in the product description, but typically involve pressing a button on the receiver for a few seconds until an indicator light changes, then pressing a button on the remote.

Applications

This wireless remote control switch is suitable for a wide range of 5V USB-powered devices, including but not limited to:

- LED lights and light strips
- Reading lamps and lamp beads
- Small USB fans
- USB-powered pumps
- Other USB peripheral products requiring remote power control



Image 4: Visual examples of common applications for the ZABLL P30 switch, including USB wall adapters, laptops, power banks, LED strips, USB light bulbs, small fans, and USB pumps.

TROUBLESHOOTING

- **Device not turning ON/OFF:**
  - Ensure the USB receiver is properly connected to a 5V power source.
  - Verify the USB-powered device is correctly plugged into the receiver's female port.
  - Check the remote control transmitter's battery. The transmitter uses DC 6V (likely two CR2016 or similar batteries).
  - Confirm you are within the effective range (20-50 meters) and there are no excessive obstructions.
  - If the receiver's indicator light does not respond, try re-pairing the remote control (refer to Code Pairing section).
- **Intermittent control:**
  - Reduce the distance between the transmitter and receiver.
  - Minimize physical obstructions between the remote and receiver.

- Replace the remote control battery.

- **No data transfer:**
  - This device is designed for power control only and does not support USB data transfer.

Maintenance

- Keep the device and remote control dry and away from moisture.
- Avoid exposing the device to extreme temperatures.
- Clean with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Replace the remote control battery when its performance degrades.

Warranty and Support

Specific warranty information is not provided in the product details. For support or warranty inquiries, please contact the manufacturer, ZABLL, through your purchase platform or their official channels.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question