

MHCozy USB 5V Switch



This simple remote WiFi switch can be used to remotely turn your FlexRadio on and off remotely. Using the Remote connector on the back of a FLEX-6000 radio allows for a clean shutdown of your radio.

Model: TYWB 4ch

Input: DC 7-32V

USB Input: 5V

RCA Pigtail

Software: [Tuya Smart](#)

Required: Jeweler Screwdriver

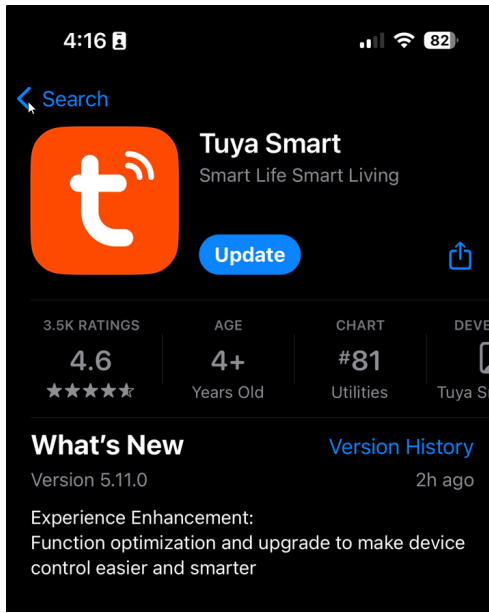
It is shipped with a USB 5V power supply allowing you to plug it into a wall socket. Optionally, you can connect it to another power source between 7V and 32V. Only 1 power source is required (and recommended).



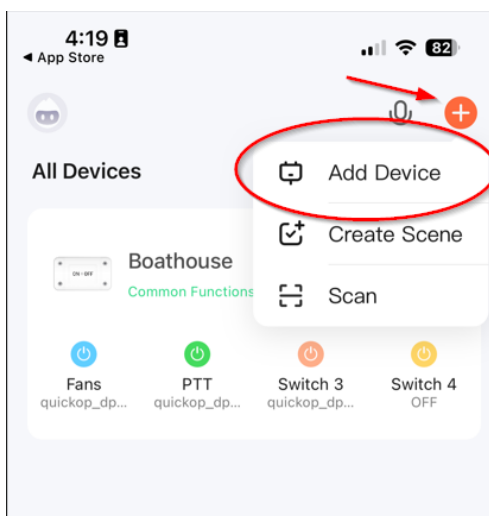
Installation Instructions:

Configuring an MHCozy four-channel IoT web switch to work with Wi-Fi typically involves the following steps.

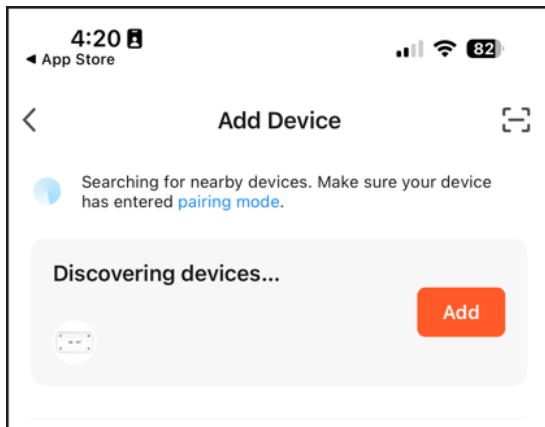
Video from Tuya Smart: <https://www.youtube.com/watch?v=PGSUzE23kro>



1. Download and install the Tuya Smart Application.



2. Touch the Plus Sign and then Add Device and then power up the TYWB device. Bluetooth will have to be enabled on your phone.



3. Click “Add” under Discovering Devices
4. Enter your WiFi Information for your network. You will need the WiFi network name and the password,

Enter Wi-Fi Information

Choose Wi-Fi and enter password

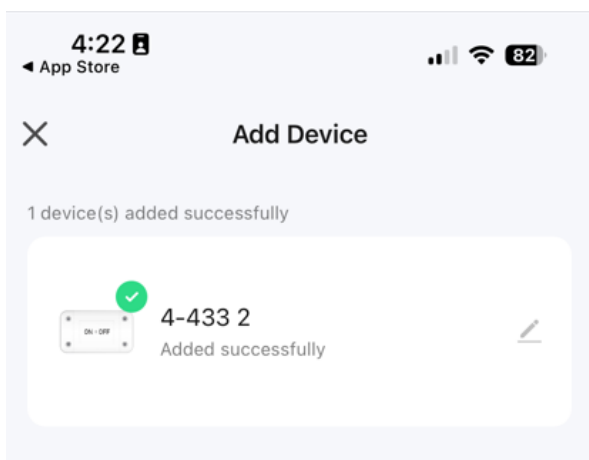




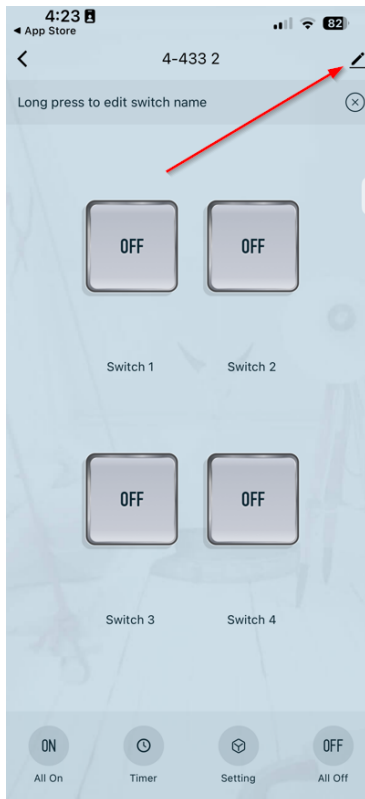




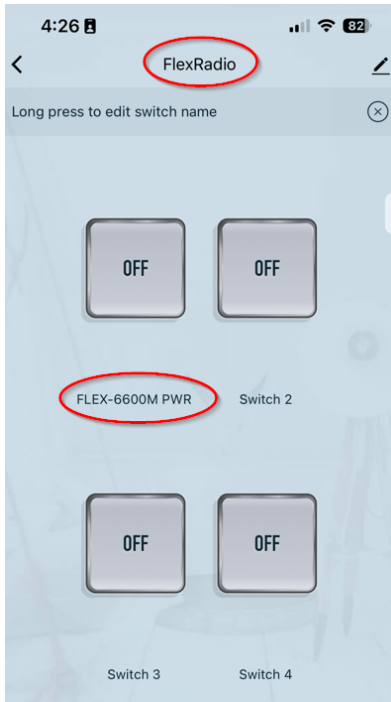
then press Next



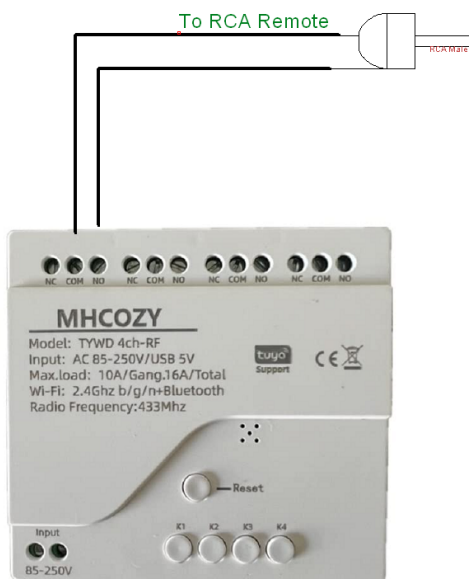
5. The Device will be automatically added. This may take a few minutes and you can watch the progress on the right side. Wait until you see “Added Successfully” and press done.



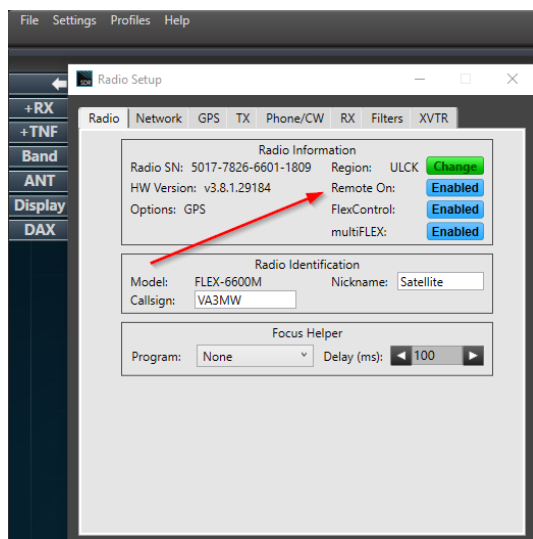
6. Press the “Pencil” in the top right corner to change the name of the TYWB. Once done, touch the back arrow (top left) to return to the previous screen.



7. Press and hold the first button for 2 seconds to change the Label for the Button to a name of your choice.
8. Tap the button to turn it on or off. You should hear a click each time you press the button.
9. Tapping any of the 4 buttons (K1-K4) can be used to manually turn the relays on or off.
10. Connect the RCA cable to Channel 1
 Channel 1 is the Top Left terminal with the writing right side up.
 Connect 1 wire to the COM terminal and the other wire to the NO (Normally Open) terminal.



11. Connect the RCA cable to the Remote RCA connector on the back of your FlexRadio.
12. In SmartSDR for PC, under Settings, select the Radio tab. Next, ensure that Remote On is set to Enabled.



Test the MHCozy Switch

Open the MHCozy app or access the switch's control panel via a web browser to ensure it is now connected to your Wi-Fi network.

Assuming you have connected the RC cable to Channel 1, you will want to set up and rename Channel 1 as "Radio Power" or something similar. Channels 2 - 4 can be used for other applications.

Remember that specific MHCozy switch models and firmware versions may have variations in their setup processes. Always consult the manufacturer's documentation for precise instructions and troubleshooting tips related to your particular device.