

# C64Remote – User Guide

## Project Note

This version of **C64Remote** is based on the first version developed by **Karl Prosser**.

Original project: <https://github.com/ReadyOS-C64/C64uRemote>

In the version presented here, a **MiniJoyC** has been implemented and several functions have been added. These extensions were integrated by **Martin Oswald (@mad)** from the 1MHz.de forum.

## Purpose

**C64Remote** is a small remote control for the **Commodore 64 Ultimate (c64u)** based on an **M5StickC Plus2** with **MiniJoyC**.

It also works with the **Ultimate64-Elite-II** by **Gideon**, who developed the hardware platform for both systems.

## Operation

### MiniJoyC

- **Left** = back
- **Right** = select / confirm
- **Up** = up / reset on the main screen
- **Down** = down / PowerOff prompt on the main screen
- **Press joystick** = open the c64u menu

### LED Indicator

- **Red** = no Wi-Fi
- **Blue** = c64u not reachable
- **Blinking blue** = authentication to the c64u failed
- **Green** = connection OK (Wi-Fi and c64u)

### Main Menu

- **PowerOff** = turn off the c64u, with safety confirmation
- **CPU Speed** = change CPU speed
- **Connection Test** = check connection
- **Status** = show status
- **Settings** = change settings

## Settings

The following options can be changed in the **Settings** menu:

- **Animations** = switch on or off
- **Effect** = single effect alternating with the background logo, or **Auto** = all effects one after another

- **Joy Overlay** = display joystick positions at the bottom of the menu
- **Joy LED** = MiniJoyC status LED on/off
- **Joy LED Bright** = LED brightness (16–255)
- **Joy Threshold** = set joystick threshold to 40 / 60 / 80 / 100
- **Anim Speed** = animation speed levels: Slow / Normal / Fast
- **Effect Time** = Short / Normal / Long
- **Static Time** = Short / Normal / Long
- **Brightness** = display brightness (32–255)
- **Factory Reset**

## Notes

- Settings are saved and reloaded after the C64Remote is powered off and on again.
- The joystick triggers only once per direction movement. To move again, it must first return to the center position.
- **PowerOff** must always be confirmed a second time while the confirmation window is still displayed.

## Buttons on the M5StickC Plus2

### BtnA

- on the main screen: **Reset**
- double-click on the main screen: **Reboot c64u**
- in menus: **back**

### BtnB

- on the main screen: **open the c64u menu**
- in menus: **next item**

### BtnPWR

- on the main screen: **open the main menu**
- in menus: **select / confirm**

Translated from the uploaded German user guide.