



Parts

| Description | Quantity |
|---|----------|
| Raspberry Pi 4 B | 1 |
| USB sound card | 1 |
| Red LED | 4 |
| Green LED | 4 |
| 100 ohm resistor | 8 |
| 10 kilohm resistor | 1 |
| 1 kilohm resistor | 1 |
| 47 kilohm potentiometer | 2 |
| Momentary push-to-connect switch (button) | 8 |
| 6.35mm (1/4 inch) female TS audio jack | 4 |
| 3.5mm (1/8 inch) male TRS audio plug | 2 |
| Female-female jumper wire | 17 |
| Insulated wire | ~2m |
| Mounting screw and nut, M2.5 | 4 each |
| Project enclosure | 1 |