

| Part                          | Description                                 | Quantity | Price (avg) | Total (est) |
|-------------------------------|---|----------|-------------|-------------|
| Components                    |   |          |             |             |
| Microcontroller               | WeMos Lolin32 Lite (or Clone)               | 1        | 6.5         | 6.5         |
| PCM Amplifier                 | Adafruit MAX98357A Module (or Clone)        | 1        | 4.92        | 4.92        |
| Battery                       | 18650 2500mAh                               | 1        | 4.89        | 4.89        |
| Battery Holder                | 18650 Compatible                            | 1        | 0.77        | 0.77        |
| Volume Switch                 | 10KΩ Linear with SPST Switch. 6mm Dia Shaft | 1        | 0.75        | 0.75        |
| Headphone Socket              | 3.5mm TRRS Panel Mount                      | 1        | 0.99        | 0.99        |
| LED                           | 3mm Red                                     | 2        | 0.07        | 0.14        |
| Resistor                      | 47KΩ 1/4W                                   | 2        | 0.03        | 0.06        |
| Resistor                      | 330Ω 1/4W                                   | 2        | 0.03        | 0.06        |
| Screw                         | M1.7 x 5mm Pan Head                         | 2        | 0.03        | 0.06        |
| Screw                         | M2 x 5mm Flat Head                          | 1        | 0.03        | 0.03        |
| Enclosure                     |   |          |             |             |
| 3D Printed (Own Printer)      |   |          |             |             |
| Shell                         | PLA / PLA+ Filament (per Gram)              | 39       | 0.021       | 0.819       |
| Face                          | PLA / PLA+ Filament (per Gram)              | 11       | 0.021       | 0.231       |
| Dial                          | PLA / PLA+ Filament (per Gram)              | 1.1      | 0.021       | 0.0231      |
| 3D Printed (PCBWay.com)       |   |          |             |             |
| Shell                         | PLA Unit Price (20 minimum)                 | 1        | -           | 6.75        |
| Face                          | PLA Unit Price (20 minimum)                 | 1        | -           | 2.32        |
| Dial                          | PLA Unit Price (20 minimum)                 | 1        | -           | 1.89        |
| 3D Printed (CraftCloud3d.com) |   |          |             |             |
| Shell                         | PLA Unit Price (1 minimum)                  | 1        | -           | 6.8         |
| Face                          | PLA Unit Price (1 minimum)                  | 1        | -           | 6           |
| Dial                          | PLA Unit Price (1 minimum)                  | 1        | -           | 6           |
| Shell                         | PLA Unit Price (20 minimum)                 | 1        | -           | 5.51        |
| Face                          | PLA Unit Price (20 minimum)                 | 1        | -           | 1.98        |
| Dial                          | PLA Unit Price (20 minimum)                 | 1        | -           | 0.77        |
| Vacuum Casting (PCBWay)       |   |          |             |             |
| Shell                         | ABS Unit Price (20 minimum)                 | 1        | -           | 16.77       |
| Face                          | ABS Unit Price (20 minimum)                 | 1        | -           | 17.61       |
| Dial                          | ABS Unit Price (20 minimum)                 | 1        | -           | 16.74       |

| Component Total |
|-----------------|
| £19.17          |

| Enclosure Total | Total  |
|-----------------|--------|
| £1.07           | £20.24 |

| Enclosure Total | Total  |
|-----------------|--------|
| £10.96          | £30.13 |

| Enclosure Total | Total  |
|-----------------|--------|
| £18.80          | £37.97 |

| Enclosure Total | Total  |
|-----------------|--------|
| £8.26           | £27.43 |

| Enclosure Total | Total  |
|-----------------|--------|
| 51.12           | £70.29 |