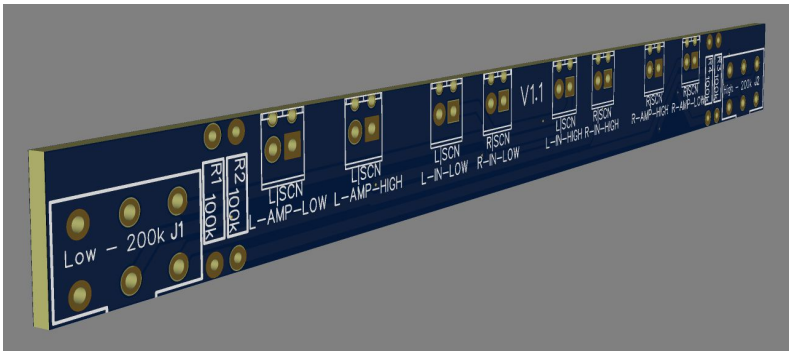
ZinAmp
Beautiful sound, for people who love music

**Datasheet** Dual Gain Pots

**Application & Purpose:**
Provides independent volume/gain control to two pairs of power amplifiers, as used in a ZinAmp bi-amp installation.

The left pot is usually designated for the low frequency l & r pair of amps and the right pot for the high frequency l & r pair.

PCB allows mounting of a linear or logarithmic pot. Terminals can be screw type or pcb header pins such as Molex 254 or MTA-100



3D view of blank PCB

**Specification:**

| | |
|---|---|
| **PCB Dimensions** | 136mm x 11mm x 1.6mm |
| **Purpose** | Provides volume/gain control for two pairs of power amp modules |
| **Impedance** | 100-250k - depending on value of pots used - 2 x 200k pots recommended |

**Details:**

Mounted behind the front-panel of ZinAmp BiAmp amplifiers.

Can be used as a gain control (linear) or a volume control (logarithmic). Adding four optional 100k resistors makes the control response of the pots logarithmic. Log pots can be used if preferred, but these are generally more expensive, less reliable and can be difficult to source with the correct shaft size and type.

**Parts List:**

CONNECTORS: Connectors are not included and can be purchased and soldered on by the constructor. This is to give the constructor a choice of how they wire their own particular installation. Terminal block connectors are indicated in the list below, but can be swapped for equivalent 2.54mm pitch connectors e.g. Molex KK254 headers, which are provided to the constructor in self-wire kits.

| ID | Value/Spec | Quantity | Supplier | Manufacturer | Manufacturer Part | Supplier Part |
|---|---|---|---|---|---|---|
| L\|SCN\|R | SRC-LOW,SRC-HIGH | 2 | RS | RS-PRO | 790-1092 | 790-1092 |
| L\|SCN,R\|SCN | L-LOW,L-HIGH, R-LOW,R-HIGH | 4 | RS | RS-PRO | 790-1098 | 790-1098 |
| Low - 200k | J1 | 1 | ZinAmp | | | |
| High - 200k | J2 | 1 | ZinAmp | | | |

**Parts available from RS Online. Also try Farnell, Mouser and other online suppliers.**

**Parts from different manufacturers can be substituted where spec is sufficient**

**Supplier trading names may differ by country.**