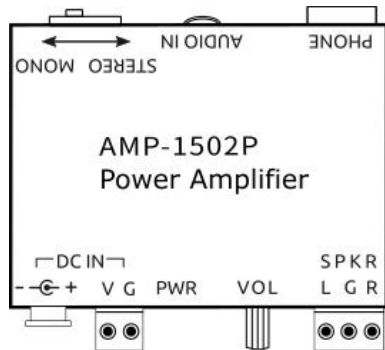


# QuikAmp AMP-1502P Audio Amplifier

## User's Guide (Rev A)

QuikAmp AMP-1502P is an industrial grade audio amplifier module housed in a compact, rugged plastic enclosure. In addition to providing superb sound quality, this class D amplifier is also highly efficient and generates little heat, making additional cooling unnecessary in most cases.

AMP-1502P is functionally the same as AMP-1502 except that it has a PHONE input but no AUDIO OUT (input loop-through).



### MONO STEREO

Slide this switch to the proper position according to the input type. For MONO, the output is BTL (Bridge Tie Load). For STEREO, the output is single ended.

### AUDIO IN

3.5mm jack for line level audio input.

### PHONE

RJ-11 jack for audio input from an analog telephone set. To broadcast a message, lift the handset, wait for a beep sound, then start talking. The input from AUDIO IN, if any, will be muted during the broadcast.

### DC IN

Power can be supplied via either the 2.1mm center positive coaxial jack, or the 2-position 3.5mm screw terminal: V is positive, G is negative.

### PWR

Power indicator light.

### VOL

Speaker volume control knob.

### SPKR L/G/R

A 3-position 3.5mm screw terminal for speaker connection.

For mono use L and R.

For stereo use L and G for the left channel, R and G for the right channel.

## Features/Specifications

- Super cool class D amplifier
- Able to drive 4~8 Ohm loads
- Thermal and short circuit protection with automatic recovery
- Audio input from line in and/or analog telephone set.
- Continuous output power: 15W x 2 (stereo) or 55W (mono/BTL)
- Supply voltage: 12 ~ 24 VDC
- Physical dimens: 115mm x 90mm x 40mm

## Typical Wiring Diagram

A telephone set is used for message broadcasting while a QuikWave audio repeater optionally provides background music via AUDIO IN.

