



# ZAPCO ST-A1 Android Unit Power Amplifier Owner's Manual

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**ZAPCO ST-A1 Android Unit Power Amplifier**



## Product Information

The ST-A1 is a plug & play power amplifier designed by Zapco, a brand known for its dedication to sonic purity and passion for performance. The amp works in Class-AB and can reproduce the musical signal with 70 watts maximum per channel. It is built for every-day use and has great sound quality due to the internal equalizations and an RCA stereo output for an amplified subwoofer.

## Main Features

- Class-AB power amplifier
- 70 watts maximum per channel
- Internal equalizations for higher acoustic quality
- RCA stereo output for an amplified subwoofer
- Plug & play design

## Product Usage Instructions

Before operating the ST-A1, please read the owner's manual thoroughly and retain it for future reference.

## Installation Guidelines

The amplifier should be placed where it can be accessed easily and all wiring should be routed safely and correctly according to the following guidelines:

1. Choose a location that is free from moisture, heat, and vibration.
2. Mount the amplifier securely using the provided mounting hardware.
3. Connect the power wire to the positive battery terminal.
4. Connect the ground wire to a clean, unpainted metal surface on the vehicle's chassis.
5. Connect the speaker wires to the amplifier's speaker terminals.
6. Connect the RCA cables to the amplifier's RCA inputs.
7. Connect any additional components, such as a subwoofer or equalizer, as necessary.

8. Adjust the volume levels to a safe and comfortable level.

Zapco strongly advises using common sense when setting volume levels. Please refer to the owner's manual for additional information and safety warnings.

### **Great sound for every day use**

ZAPCO has a reputation for sound quality that is unsurpassed. It is our dedication to sonic purity and our passion for performance that built our reputation. With all the new amps coming into the market, not one has been any threat to Zapco's standing as the premium amp and processor line.

But not everyone wants to compete. The question was this: could Zapco put its 40-years of audio experience to work to develop an amp for every-day use? An amp that all can afford but that will stay true to the Zapco heritage for sound and reliability? The new ST-A1 amplifier is a testament to the fact that you can build a quality product with great sound in an amplifier for every day use.

### **ST-A1 main features**

This small plug & play amplifier works in Class-AB and can reproduce the musical signal with 70 watts maximum per channel. Combined with an Android source that have from 15 to 25 watts maximum per channel, it can give a higher sound level, a higher acoustic quality due to the internal equalizations and an RCA stereo output for an amplified subwoofer.

- 100% compatible Plug & Play amplifier for Android sources
- Amplifier output power: 4 x 35W (THD 1%); 4 x 70W (Max)
- Frequency response: 20Hz~20KHz ( $\pm 3$ dB)
- Signal-to-noise ratio: 85 dB (unweighted)
- Channel's separation: 70 dB (unweighted)
- 4 balanced high level inputs, high quality OP
- 2 RCA outputs for subwoofer with amplifier's adapted impedance
- 3-Band Equalization: BASS, MID, HIGH ( $\pm 12$ dB)
- Over-current and over-voltage protection
- High temperature protection

### **Before you start your installation**

The amplifier should be placed where it can be accessed easily and all wiring should be routed safely and correctly according to the following guidelines:

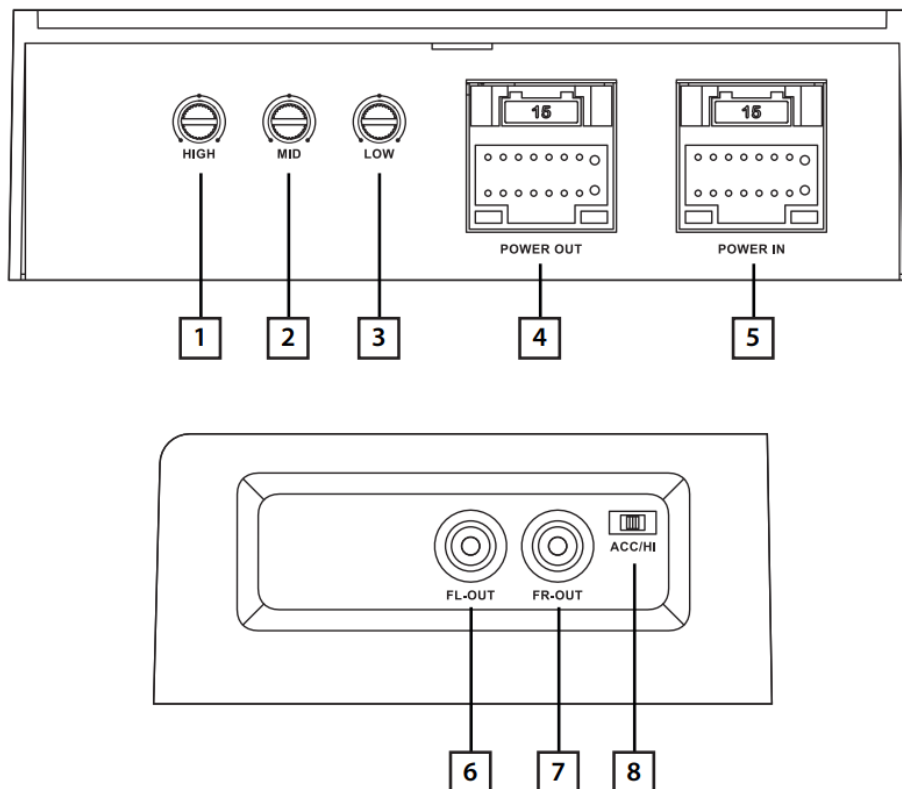
- Do not run wiring close to hot or spinning objects
- Use wire grommets when routing wire through the firewall or any other metal panels
- Make sure that the potential for pinched wiring is avoided by routing all wires away from moving objects, including brake, gas and clutch pedals, etc.

### **Mounting your amplifier**

Mounting your Zapco amplifier is easy. Just keep in mind a few guidelines:

- The amplifier can be mounted in any direction, on wood, metal, or carpet
- The amplifier requires adequate ventilation. Creating power creates heat, and cooling requires air. Position the amplifier with sufficient surrounding area for air supply
- Keep the amplifier out of the engine compartment or other locations that may cause excessive heat or moisture

- Do not mount the amplifier to a subwoofer box or other place that may have excessive vibration

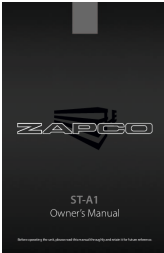


1. High tones adjustment
2. Mid tones adjustment
3. Low tones adjustment
4. Android unit connection with provided harness 5• Car connection with original car harness
5. Left RCA output
6. Right RCA output
7. ACC and High-Level power-on conversion

ZAPCO strongly advises that you use common sense when setting volume levels. Everything written in this manual is for the proper use of the product. Some features or specifications could be modified during production to improve the product performance. The technical specifications and functionalities stated here are current as of the time of publication. General instructions and safety warnings are intended in any case to be always effective for this type of product.

Modesto, California USA Since 1974 [zapco.com](http://zapco.com)

## Documents / Resources

	<p><a href="#">ZAPCO ST-A1 Android Unit Power Amplifier</a> [pdf] Owner's Manual  ST-A1 Android Unit Power Amplifier, ST-A1, Android Unit Power Amplifier, Unit Power Amplifier, Power Amplifier, Amplifier</p>
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## References

-  [ZAPCO - The Driving Force](#)

Manuals+.