

((TRUAUDIO))
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Instruction Guide and Owner's Manual

■ **Mono Channel** Subwoofer Power Amplifier

TRU-S350



TRU-S350

Description:

TRUAUDIO's mono channel/ Subwoofer power amplifier was designed as a seamless match with the in-wall subwoofer (IW-SUB-8). It is a perfect solution for a multiple or single subwoofer install that will give you flexibility and quality sound. With good looks and versatility, this well constructed amplifier has many features to enhance your installation and can be customized to fit any system.

This model is designed for dedicated mono power for a in-wall subwoofer. Features include; master volume control on the front panel for easy adjustment, and LFE input, built in subwoofer crossover with adjustment from 55Hz to 200Hz, phase switch 0 to 180 and a 12VDC trigger. A specially designed transformer will minimize unwanted heat build up to ensure long life of the amplifier.

No matter if the TRU-S350 is rumbling one or two IW-SUB-8's in-wall subwoofers, this amplifier will deliver audiophile sound and maximize your listening experience.

Caution, before using:

MAKE SURE TO READ THIS INSTRUCTION MANUAL BEFORE TURNING THE POWER ON OR HOOKING UP THIS POWER AMPLIFIER.

Never expose the amplifiers to any kind of moisture. This piece should NOT be used near bath tubs, sinks, wet basements or swimming pools. Also avoid placing this unit by heat sources such as radiators, heat registers or stoves.

Make sure this unit is not in direct sunlight.

Before connecting any cables to the amplifier, make sure the power is OFF.

When deciding on where to place the unit, make sure there is plenty of air flow. Do not set other components directly on top of the amplifier. If other components must be placed on top of this piece, make sure to use some kind of spacers. If it will be installed into a cabinet, make sure this is proper air flow. Adding an additional cooling fan might be necessary. DO NOT remove the feet from these units.

Make sure the speakers that will be connected to this unit can handle the output power of the amplifier.

We suggest NOT using any kind of extension cord unless it is also polarized and made from heavy gauge wire. If at all possible, plug this unit directly into the wall outlet or surge protection.

General information and features:

Power Switch: This is used to turn the unit on or off.

LED Indicator: There is one LED indicator located on the front panel, to indicate power on and active state. When first turning the power on, LED will turn red and then turn blue once the channel has been cleared. The LED's will remain blue under normal use. If there is no signal to the amp for an extended time (about 15 minutes) the amp will go into "sleep" mode and become "inactive". At this time the LED's will turn red.

Volume Level Control: This knob adjusts the volume level for the amplifier.

Line Input: This LFE high-level RCA type input jack is the audio input for the amplifier. This gets connected to the "sub out" from a processor, preamp or receiver. We suggest using a good quality RCA patch cable for the best performance. The RCA input is labeled "LFE IN".

Speaker Terminals: These binding post connections are used to connect the speaker to the amplifier.

115v/ 230v Switch: This is used to change the input voltage required to power the amplifier. In the US, this should be set on 115v. For other countries, please check the voltage requirements before plugging in the unit.

2-Conductor AC Cord Receptacle: A standard male receptacle that fits a 2-conductor power cord.

Speaker phasing:

To obtain proper phasing and correct bass response, it is necessary that all channels be in correct phase. The "Correct Phasing" occurs when speakers move in and out in unison (in phase) on mono audio. Speakers connected in phase ensure proper imaging while an out-of phase connection causes indistinct imaging. Identify the Positive (+) and Negative (-) on the speaker cable being used. Make sure the Positive terminal of the speaker is connected to the Positive terminal of the amplifier. Do the same with the negative and then follow the same with all channels.

Amplifier connection:

Always turn off the power of your amplifier, processor/preamp and all input/playback units before any connections are made.

Before turning your amplifier and processor/preamp back on, make sure your volume is turned all the way down.

Remember the cooling issues mentioned earlier in this manual. Improper air flow will reduce the life of the amplifier.

When deciding on the final location, keep in mind there needs to be adequate space behind the amp to fit the speaker cables and patch cables.

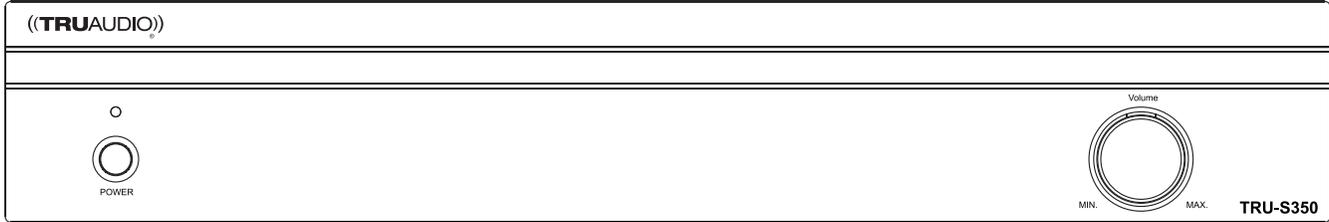
General maintenance and service:

The front panel is finished with a high-grade anodizing process to make sure it maintains the flawless appearance. Occasionally wipe off any dust build up with a damp, soft cloth.

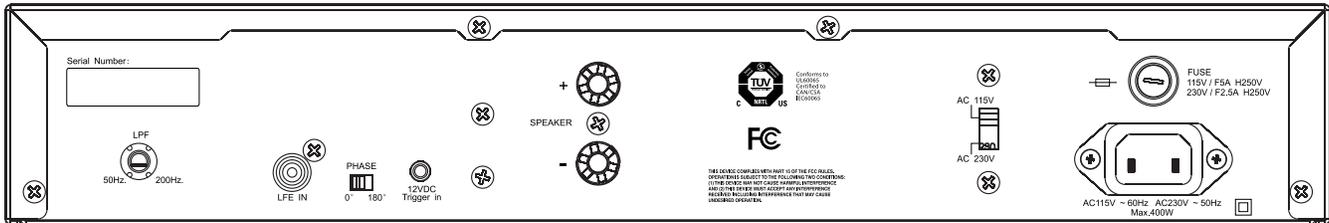
DO NOT use any kind of cleaning solution or cleanser on these units.

In some cases the amplifier needs to be repaired, please contact us immediately. We will issue a "Return Authorization Number" (RA#) for return. This unit should not be shipped back to TRUAUDIO without the (RA#).

DO NOT attempt to open or dismantle this amplifier.
THIS WILL VOID THE WARRANTY!



FRONT VIEW



BACK VIEW

SoundVision Technologies dba TRUAUDIO

SUBWOOFER and ELECTRONIC PRODUCT WARRANTY

All subwoofers and amplifiers have a limited 5 year warranty. This warranty includes 5 year parts and repair labor on all components. The warranty extends only to the original purchaser of the product and not to any subsequent owner. TRUAUDIO's obligation under these warranties is limited to repairing or replacing any component found defective in material or workmanship under normal conditions of use with an equal and/or current product. These warranties shall not apply to products which have been abused, modified, or disassembled. Products to be repaired or returned under this warranty must be returned to the factory through an authorized TruAudio dealer with all transportation and insurance charges prepaid.

■ Amplifier Specifications

TRU-S350



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Design:	Power Amplifier
Channels:	Mono channel
Power Output, Continuous:	250 watts/ ch @ 8 ohms 350 watts/ ch @ 4 ohms
Frequency Range:	20 Hz. - 25k Hz. @ -2dB
Total Harmonic Distortion:	0.05% @ 20Hz-25k Hz (8 ohm)
Signal to Noise Ratio:	Minus 100 dB
Input Impedance:	20K ohms
Additional Features:	12 volt trigger input Pass-through RCA outputs Binding posts outputs
Certifications:	UL, CE, CAN/CSA
Dimensions:	3 1/4" H, 16 1/2" W, 13 1/2" D
Actual Amplifier Weight:	35 lbs
Shipping Weight:	40 lbs

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It is the policy of TRUAUDIO to continuously incorporate improvements into our products. All specifications are subject to change without notice.

If you have any questions regarding this or any other TRUAUDIO products, please call 1-888-858-1555, Monday – Friday, 7:00 am – 5:00 pm MST.

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