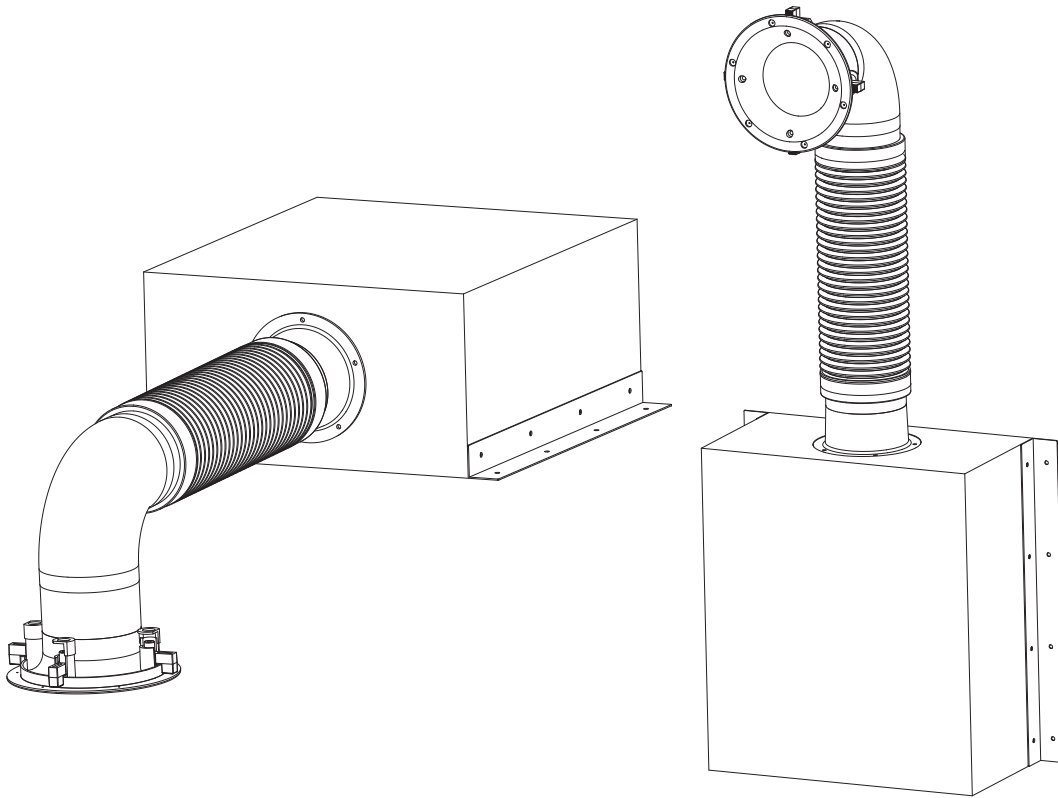




TDG AUDIO

ICSUB-8

Owner's Manual



Introduction

The TDG Audio ICSUB-8 is a built-in solution that is designed to add bass enhancement to any speaker system while remaining hidden. Due to the nature of installation the ICSUB-8 is best used in new construction or remodel as it is impractical to install into an existing ceiling or wall. It is designed to fit in the 16" space between standard North American ceiling joists.

WARNING

The ICSUB-8 Cabinet is heavy and may cause injury or damage if not properly secured in place during installation. There are brackets on either side of the cabinet. Due to the varying nature of installations, we do not include screws. We recommend using high-quality screws that are best for your installation to secure the bracket to the joist.

Test Before Drywalling

TDG Audio has a rigorous process that includes 100% QC inspection of all products. However, shipping, and other unforeseen events may sometimes cause failure of our products. As the ICSUB-8 will upon completion be behind drywall and inaccessible we recommend you test the speaker before installation.

Amplifier Considerations

The ICSUB-8 is a passive system with no crossover. It is intended to be used with a subwoofer specific amplifier. TDG Audio has subwoofer amplifiers that include the SUBAMP-500, which can power up to two subwoofers, the DA-2.1, which can also power up to 4 satellite speakers, and the VITRU amplifiers, in which channels can be configured to work as a subwoofer amplifier.

What's Included

- Subwoofer Cabinet
- Flexible Port Tube & Elbow Flange Port Assembly
- Pre-Construction Bracket
- Speaker Grill Frame
- Flangeless Magnetic Grill

Parts You Provide

- Screws to secure the subwoofer bracket to joists or studs.

Installation & Placement Considerations

- For the best bass performance, it is best to locate the speaker grill frame near a wall or corner in the room.
- The Cabinet is designed to fit between ceiling joists that are 16" apart (on center). If you wish to use it elsewhere you will have to frame accordingly.
- The Pre-Construction Bracket must not be mounted any farther than 18" away from the Cabinet. If you have access from above after drywall this can be moved to 24" apart.

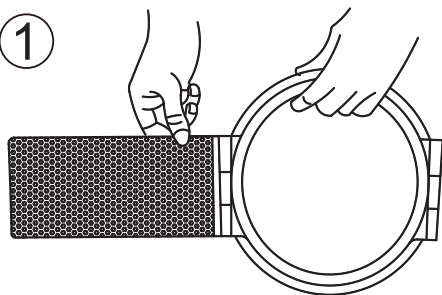
Installation Steps

- 1) Assemble Pre-Construction Bracket
- 2) Determine Placement of the Subwoofer Cabinet and Pre-Construction Bracket. Using the recommended guidelines of placing no greater than 18" apart. Make sure a 2-conductor speaker cable is pulled to the location.
- 3) Install Preconstruction Bracket making sure to orient the bracket in the correct manner. Mount the Woofer Cabinet making sure to securely screw the cabinet in place at all 8 bracket locations.
- 4) Connect the speaker wire to the Cabinet terminals. Either set of terminals can be used.
- 5) Attach the Flexible Port Tube Assembly to the Cabinet. Make sure the hose clamp is securely screwed in place. Once again make sure that the assembly can be pulled through the bracket opening. This will need to be done in the final step of installation when the speaker grill frame is attached. **NOTE:** The Elbow Flange Port comes loosely attached to the Tube Assembly. Remove it and set aside to use in final installation.
- 6) The Flexible Port Tube Assembly should not be allowed to freely hang from the cabinet. It is best to lay it onto the Pre-Construction Bracket and secure it with a zip tie to the bracket until it needs to be pulled through the opening after drywall is installed to attach the grill frame.
- 7) Install Drywall
- 8) From below pull the Flexible Port Tube through the opening and attach it to the Elbow Flange Port. Make sure to slide the Elbow Flange all the way onto the collar before securely fastening.
- 9) Push the Elbow Flange Port back into the ceiling and secure the frame by tightening the dog screws at the four locations. Place the magnetic grill over the frame.

Installation Instructions

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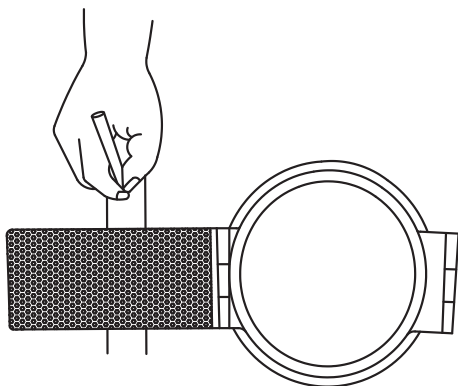
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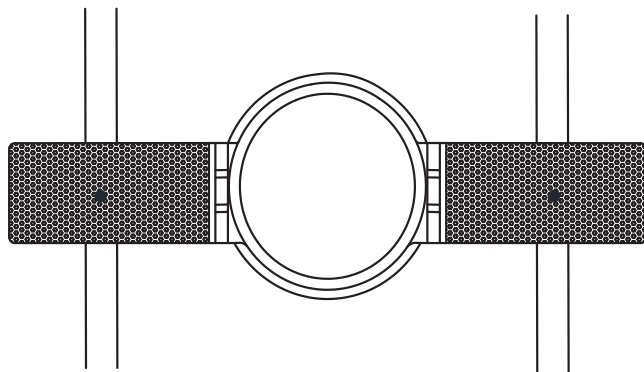
Mounting Tab

Speaker Bracket

Insert the mounting tabs to the speaker mounting bracket by inserting and pushing in firmly until secured.



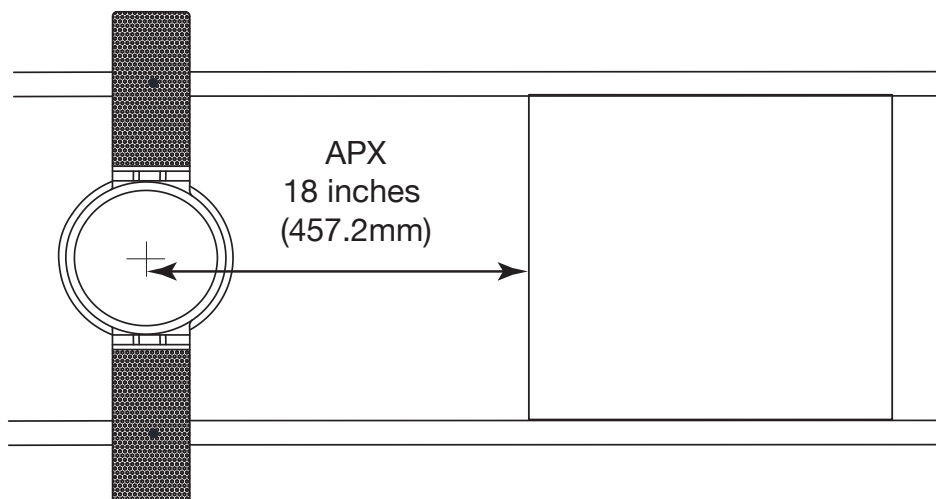
Mark the mounting surface aligning the mounting tab.



Secure the bracket to the mounting surface with nails, screws or staples. After securing the bracket, check for proper placement and alignment.

NOTE:

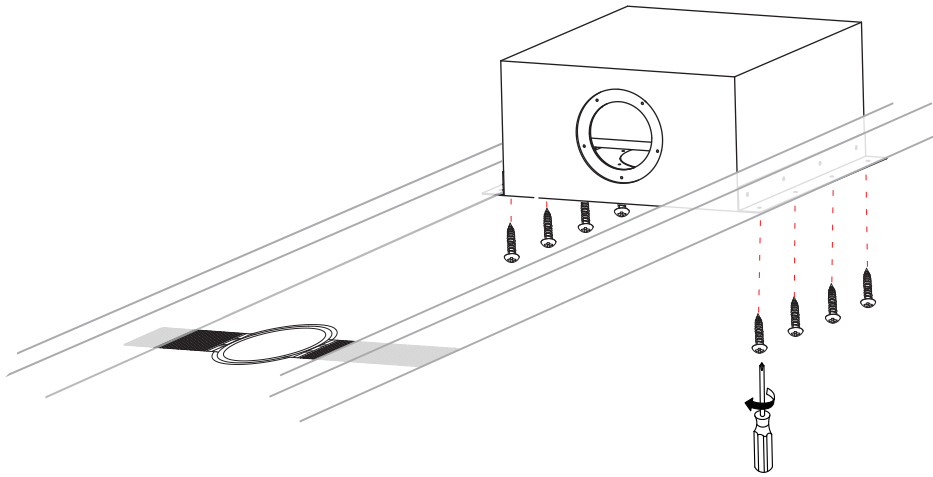
Recommended distance between cabinet and center of bracket is approximately 18 inches (457.2mm).
If access from above 24" (609.6mm) maximum.



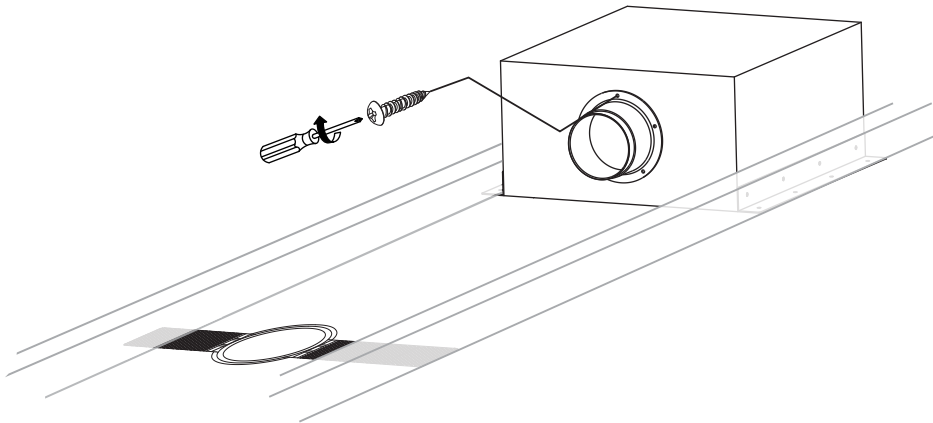
Installation Instructions

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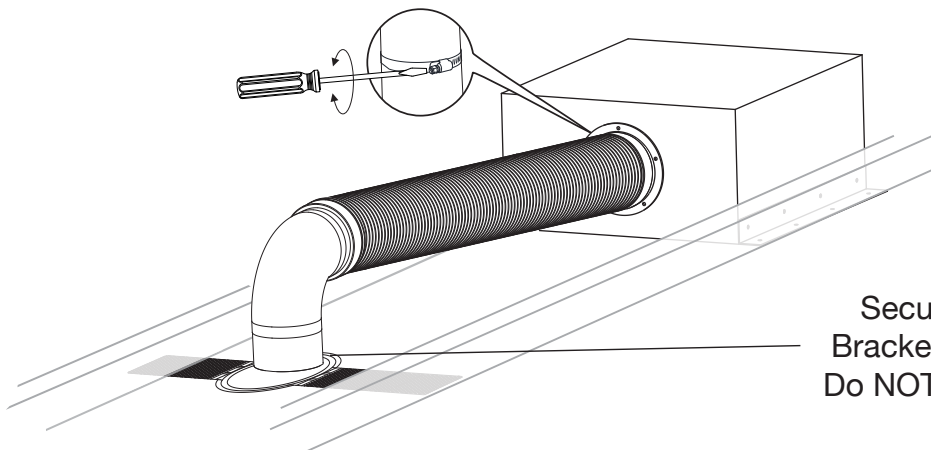
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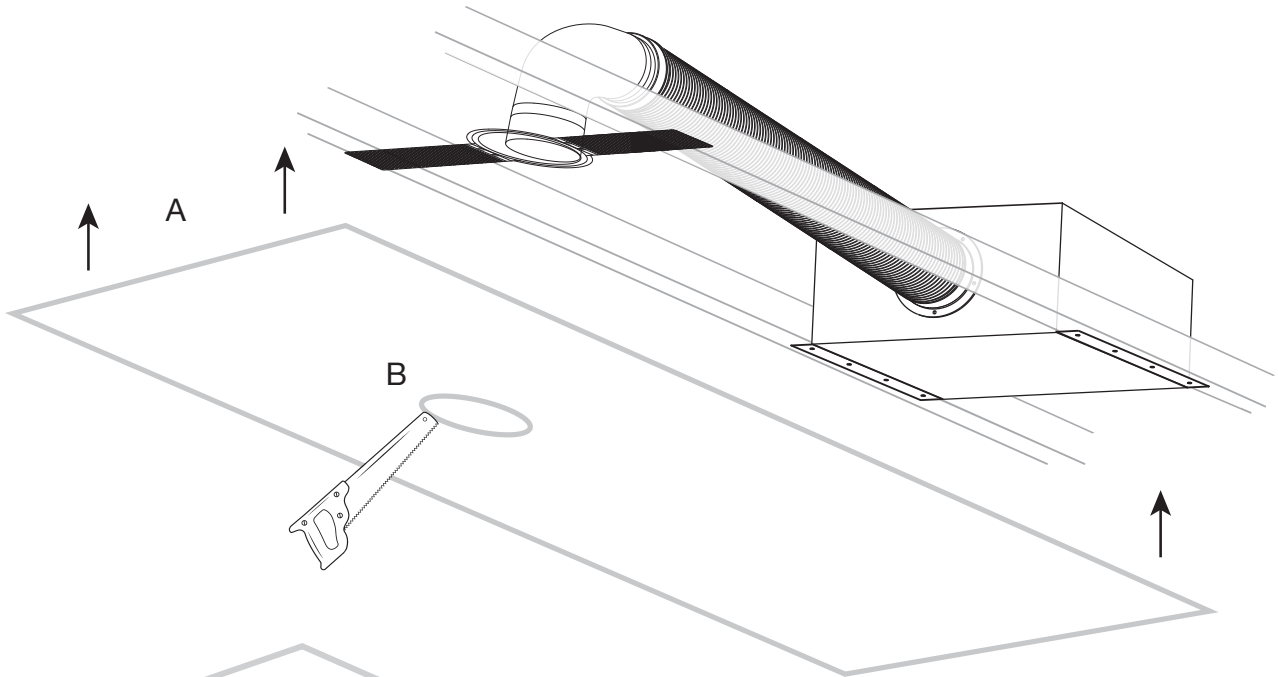


Secure Elbow to
Bracket with zip tie -
Do NOT Allow to Drop

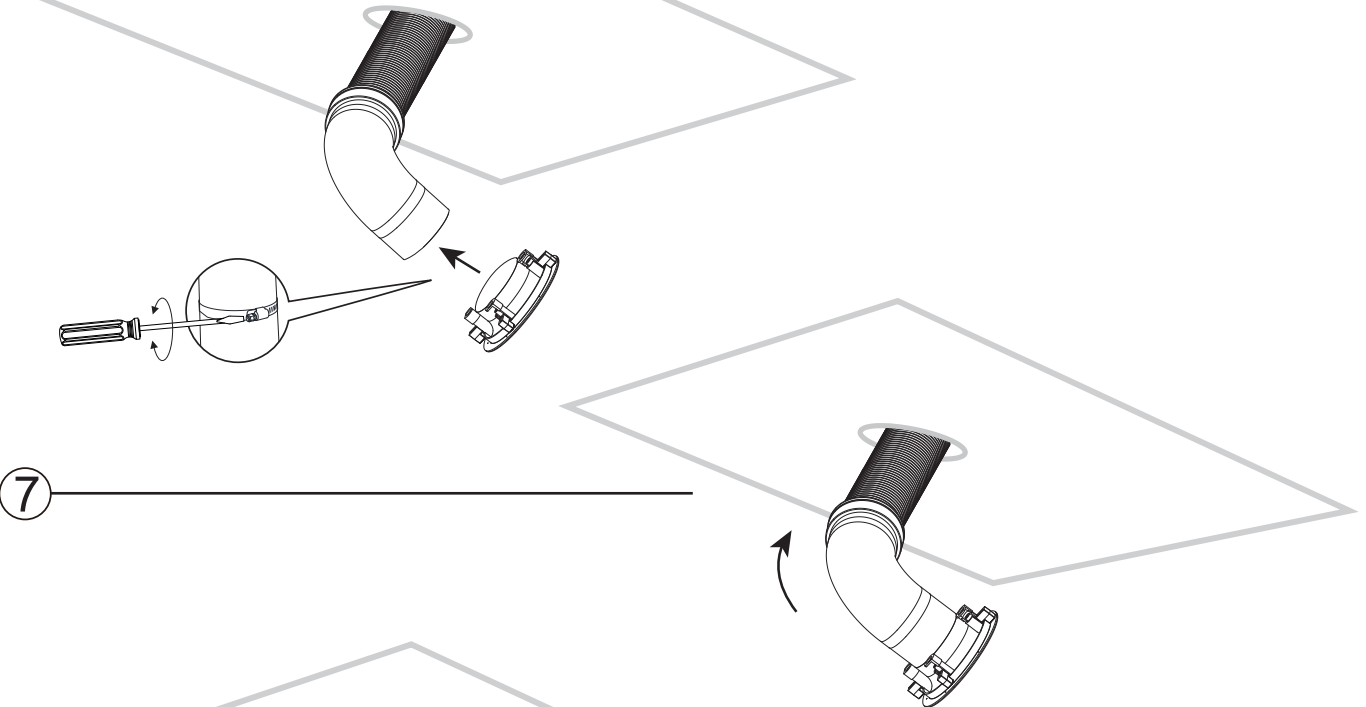
Installation Instructions

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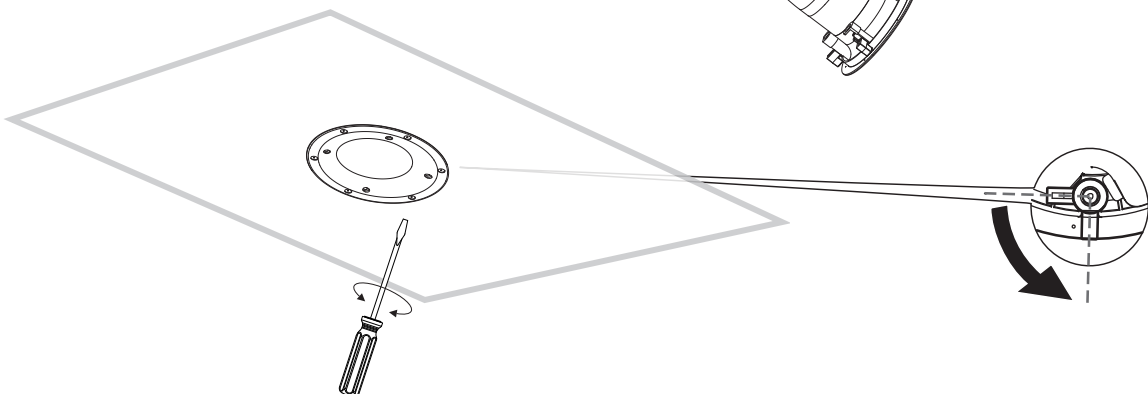
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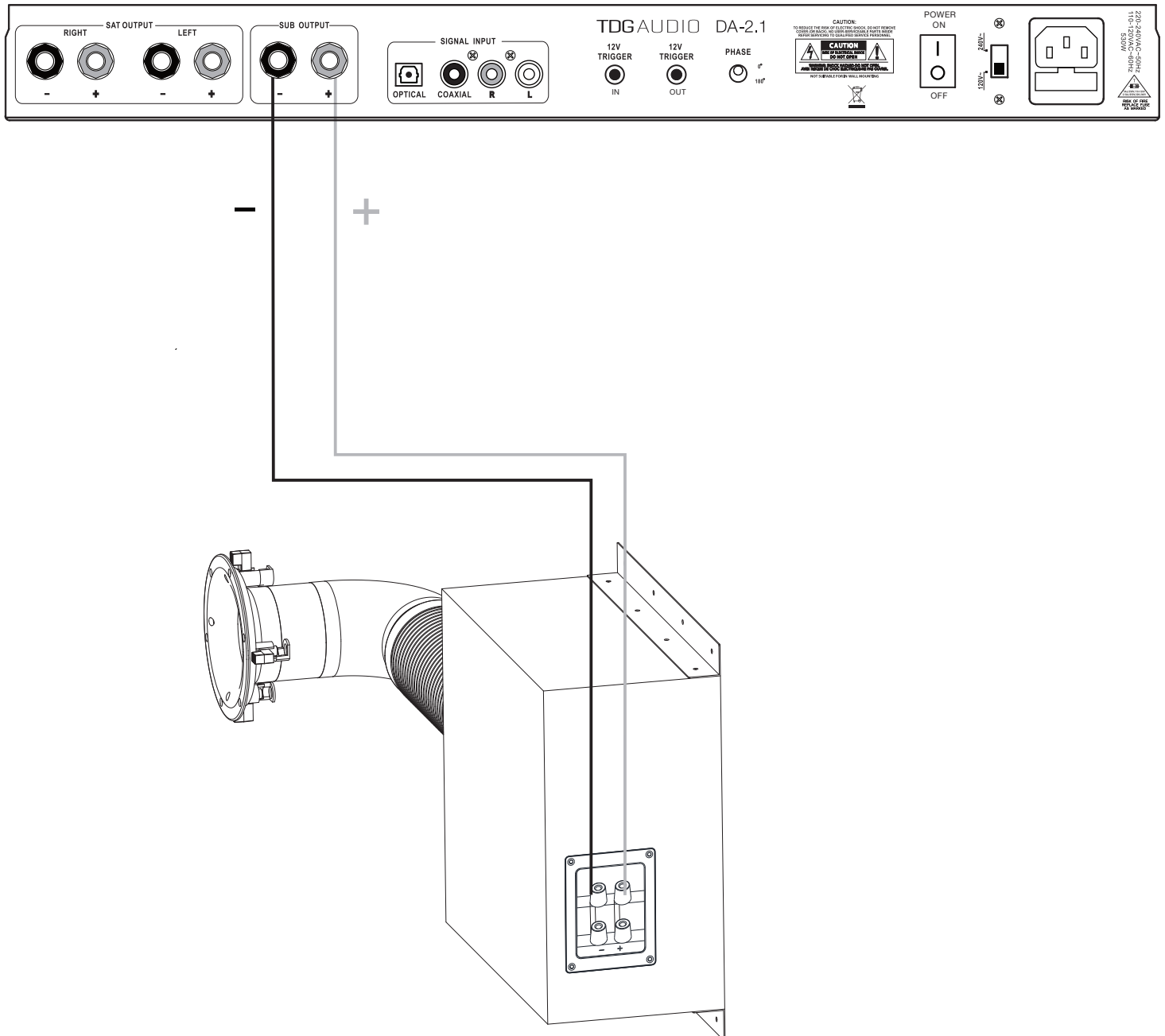
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Standard 8 ohm Application

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Amplifier

The ICSUB-8 was especially designed to work with our SUBAMP-500 Subwoofer Amplifier and the DA 2.1 Satellite and Subwoofer Amplifier, as pictured below.



Recycling notice: If the time comes and this apparatus has fulfilled its destiny, do not throw it out into the trash. It has to be carefully recycled for the good of mankind, by a facility specially equipped for the safe recycling of electronic apparatus. Please contact your local or state recycling leaders for assistance in locating a suitable nearby recycling facility. Or, contact us and we might be able to repair it for you.

Specifications

ICSUB-8

Woofer	8" Paper Cone, Rubber Surround
Frequency Range+/-3	40-250 Hz
Power Handling RMS	150W
Sensitivity	87 dB
Impedance	8Ω
Termination	Standard Rotary Connector
Included Accessories	Grill
Dimensions L*H*D	15.16" x 13.39" x 7.1"
	385mm x 340mm x 180mm
Material	MDF Wood

LIMITED LIFETIME WARRANTY

TDG Audio warrants to the original retail purchaser only that this TDG Audio product will be free from defects in materials and workmanship, provided the speaker was purchased from a TDG Audio Authorized Dealer.

Defective products must be shipped, together with proof of purchase, prepaid insured to the TDG Audio Authorized Dealer from whom they were purchased, or to the TDG Audio factory at the address listed on this installation instruction manual.

Freight collect shipments will be refused. It is preferable to ship this product in the original shipping container to lessen the chance of transit damage. In any case, the risk of loss or damage in transit is to be borne by the purchaser.

If upon examination at the Factory or TDG Audio Authorized Dealer, it is determined that the unit was defective in materials or workmanship at any time during this warranty period, TDG Audio or the TDG Audio Authorized Dealer will, at its option, repair or replace this product at no additional charge, except as set forth below.

If this model is no longer available and can not be repaired effectively, TDG Audio, at its sole option, may replace the unit with a current model of equal or greater value. In some cases where a new model is substituted, a modification to the mounting surface may be required. If mounting surface modification is required, TDG Audio assumes no responsibility or liability for such modification.

All replaced parts and products become the property of TDG Audio. Products replaced or repaired under this Warranty will be returned to the original retail purchaser, within a reasonable time, freight prepaid.

This Warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, or service, repair or modification of the product which has not been authorized or approved by TDG Audio. This Warranty also excludes normal cosmetic deterioration caused by environmental conditions. This warranty will be void if the Serial Number on the product has been removed, tampered with or defaced.

This Warranty is in lieu of all other expressed warranties. If the product is defective in materials or workmanship as warranted above, the purchaser's sole remedy shall be repair or replacement as provided above. In no event will TDG Audio be liable for any incidental or consequential damages arising out of the use or inability to use the product, even if TDG Audio or a TDG Audio Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party.

Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply. All implied warranties on the product are limited to the duration of this expressed Warranty. Some states do not allow limitation on the length of an implied warranty. If the original retail purchaser resides in such a state, this limitation does not apply. In our attempt to constantly improve our products, features and specifications are subject to change without notice.



TDG AUDIO

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