



PULSEAUDIO™

STEREO TO MONO AUDIO

CONVERTER



PART NUMBER PA-SM21

Converts a stereo line level audio signal to a balanced mono audio output through the 3-pin terminal connector

vanco1.com | 800.626.6445

DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

THIS PRODUCT IS 100% INSPECTED AND TESTED IN THE UNITED STATES TO VERIFY PERFORMANCE PARAMETERS.

WARNING

1. Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
2. To prevent risk of electrical shock or fire hazard, due to overheating do not obstruct unit's ventilation openings.
3. Do not install near any source of heat, including other units that may produce heat.
4. Do not place unit near flames.
5. Only clean unit with a dry cloth.
6. Unplug unit during lightning storms or when not used for an extended period of time.
7. Protect the power cord from being walked on or pinched, particularly at the plugs.
8. Use unit only with accessories specified by the manufacturer.
9. Refer all servicing to qualified personnel.

◦ FEATURES

The PA-SM21 Stereo to Mono Audio Converter can convert a stereo line level audio signal to a balanced mono audio output through the 3-pin terminal connector. It can also adapt a balanced mono audio signal to an unbalanced mono audio signal using the dual RCA outputs. Small, compact and mountable metal chassis makes it a nice and easy solution when looking to convert your audio signal.

◦ Stereo to Mono Audio Converter

Part # PA-SM21

- Converts a stereo line level signal to a balanced mono output
- RCA Input or Output
- Balanced Screw Terminal Input or Output
- Compact Design
- 40 Hz to 20 kHz Frequency Response
- Converts a balanced mono input to a mono RCA output
- Easy to Mount
- Dimensions: 3.2" W x 1.5" H x 0.9" D (82mm x 38mm x 22mm)

◦ PACKAGE CONTENTS

- (1) PA-SM21 Stereo to Audio Converter
- (1) 3-Pin Screw Terminal (Phoenix Connector)
- (2) Mounting Screws
- (1) Product Manual

◦ SPECIFICATIONS

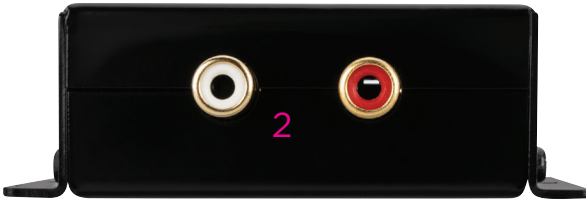
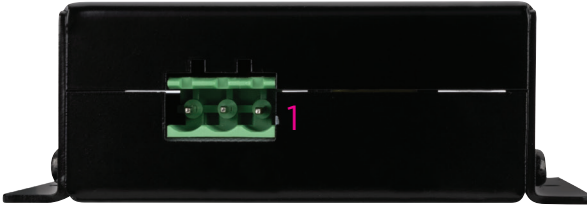
Inputs/OutputsUnbalanced Dual RCA; Balanced 3-Pin Terminal (Phoenix Connector)

Frequency Response.....40Hz - 20 kHz

Unit Dimensions.....3.2" W x 1.5" H x 0.9" D (82mm x 38mm x 22mm)

Unit Weight0.28 lbs (125g)

◦ PANEL DESCRIPTIONS



1. Balanced 3-Pin Terminal (Phoenix) Connector: This can be used as an input to convert a balanced mono INPUT to mono RCA output, or to convert stereo line level signal to a balanced mono output
2. Unbalanced dual-RCA jacks. These can be used as an input to convert a stereo line level signal to a balanced mono output, or as an output to convert balanced mono INPUT to dual MONO RCA outputs

◦ CONNECT AND OPERATE



1. With your source and amp/pre-amp powered off, connect your audio source to the PA-SM21 as an input
 - Use 3-conductor wire and the provided phoenix connector for a balanced mono audio signal input
 - Use dual RCA connectors for an unbalanced stereo audio signal input
2. Connect the PA-SM21 as an output to your amp/pre-amp
 - Use the 3-conductor wire and the provided phoenix connector to output a balanced mono audio signal
 - Use single or dual RCA connector(s) to output unbalanced audio signal(s)
3. Turn on equipment and test

◦ TECHNICAL SUPPORT

In case of problems, please contact Vanco Technical Support by dialing 1-800-626-6445. You can also email technical support issues to techsupport@vanco1.com. When calling, please have the Model Number, Serial Number (affixed to the bottom of the unit) and Invoice available for reference during the call. Please read this Instruction Manual prior to calling or installing this unit, since it will familiarize you with the capabilities of this product and its proper installation. All active electronic products are 100% inspected and tested to insure highest product quality and trouble-free installation and operation. The testing process utilizes the types of high-definition sources and displays typically installed for entertainment and home theatre applications. For additional information please visit www.vanco1.com.

◦ SAFETY AND NOTICE

The PA-SM21 has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the PA-SM21 should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit
- Do not attempt to service this unit yourself, except where explained in this manual
- Provide proper ventilation and air circulation and do not use near water
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface
- Use only the power adapter and power cords and connection cables designed for this unit
- Do not use liquid or aerosol cleaners to clean this unit
- Always unplug the power to the device before cleaning

◦ LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. The manufacturer of this product cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user and installer of the hardware to check that it is suitable for their requirements and that it is installed correctly. All rights are reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher. Manufacturer reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.

◦ LIMITED WARRANTY

With the exceptions noted in the next paragraph, Vanco warrants to the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of two years from the date of purchase. Should this product, in Vanco's opinion, prove defective within this warranty period, Vanco, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of Vanco. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into Vanco products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to Vanco. A surge protector, power conditioner unit, or an uninterruptible power supply must be installed in the electrical circuit to protect against power surges.

If repairs are needed during the warranty period the purchaser will be required to provide a sales receipt/sales invoice or other acceptable proof of purchase to the seller of this equipment. The seller will then contact Vanco regarding warranty repair or replacement.

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