



## S/PDIF to Stereo Audio Mini Converter



P/N: AV-GM0AQ3-S1



## Safety and Notice

The AV-GM0AQ3-S1 S/PDIF to Stereo Audio Mini Converter has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the AV-GM0AQ3-S1 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.



The **AV-GM0AQ3-S1 S/PDIF to Stereo Audio Mini Converter** offers the easiest way to convert digital S/PDIF, either through typical coaxial RCA or optical TOSLINK connector, to high quality analog stereo audio. With the auto-speed mode detection, AV-GM0AQ3-S1 supports audio sample rates up to 192kHz. AV-GM0AQ3-S1 makes S/PDIF audio accessible to commodity speaker systems, such as PC speakers or old fashion AMP. Stereo audio through analog transmission media, such as cables, may lose the fidelity because of cross-talks and signal decadency! With AV-GM0AQ3-S1 and S/PDIF digital transmission, users can enjoy the high quality audio in the most economic way with the minimal signal loss.

## Features

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- Stereo S/PDIF digital audio conversion
- 24-bit DAC Conversion
- Automatically detects sample rates up to 192kHz\*
- Switchable between coaxial and TOSLINK S/PDIF inputs
- Easy to install



For TOSLINK fiber connection, the audio sampling frequency is only up to 96KHz! 192.KHz audio

can only be played through coaxial connector!

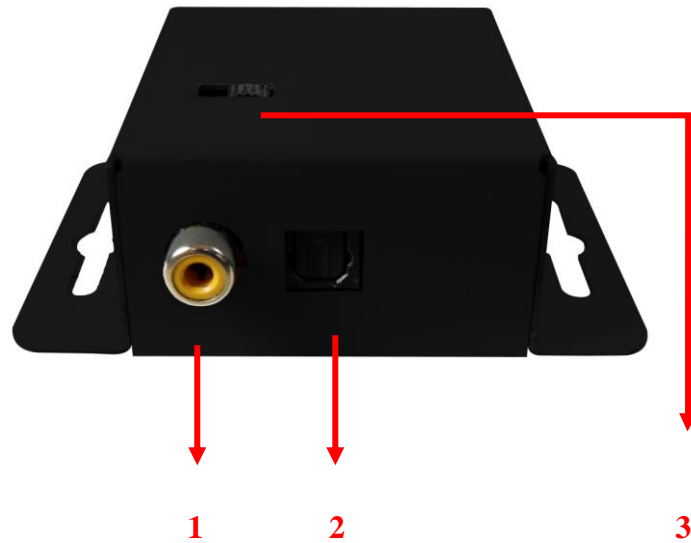
# Specifications & Package Contents

Model Name		AV-GM0AQ3-S1
<b>Technical</b>		
Role of usage		S/PDIF audio converter
S/PDIF support		Stereo
Sample frequency support [Coaxial S/PDIF]		Up to 192kHz
Sample frequency support [Toslink S/PDIF]		44.1k-96k/16Bit-24 Bit
ESD protection		Human body model — ±12kV [air-gap discharge] & ±8kV [contact discharge]
Input		1x RCA + 1x TOSLINK
Output		2x RCA
RCA connector		50Ω female
Optical audio connector		TOSLINK
<b>Mechanical</b>		
Housing		Metal enclosure
Dimensions (L x W x H)	Model	95 x 115 x 25mm [3.7" x 4.5" x 1"]
	Package	175 x 270 x 80mm [6.9" x 10.6" x 3.1"]
	Carton	450 x 370 x 300mm [1'6" x 1'3" x 1']
Weight	Model	310g [11oz]
	Package	640g [1.4 lbs]
Fixedness		Wall-mounting case with screws upon request
Power supply		Inter-locked 5V 0.85A DC
Power consumption		7 Watts [max]
Operation temperature		0~40°C [32~104°F]
Storage temperature		-20~60°C [-4~140°F]

Relative humidity	20~90% RH [no condensation]
Package Contents	1x AV-GM0AQ3-S1 1x User Manual 1x 5V 0.85A interlocked wall wart power adapter

## Front Panel

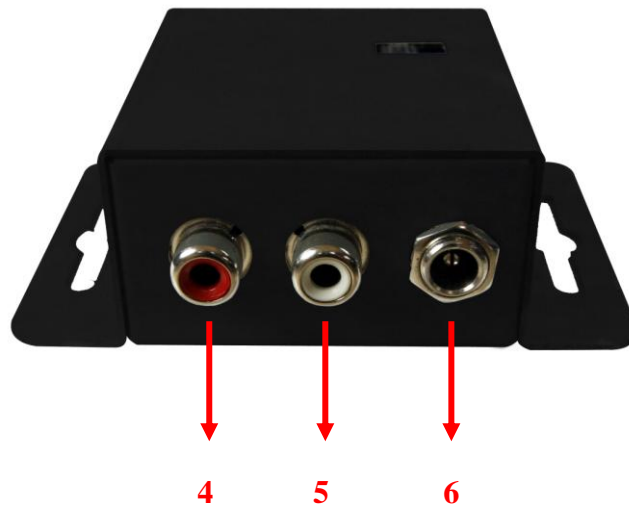
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1. **RCA - S/PDIF audio input:** Conncted to S/PDIF audio source
2. **TOSLINK - S/PDIF audio input:** Conncted to S/PDIF audio source
3. **Switich:** Switichng the S/PDIF audio source from RCA or TOSLINK

## Rear Panel

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4. **Stereo Audio Output:** Connected to stereo speaker - L
5. **Stereo Audio Output:** Connected to stereo speaker - R
6. **Power:** +5V DC

1. Connect your S/PDIF digital audio source to either through coaxial or fiber to AV-GM0AQ3-S1.
2. Make sure the audio switch on the correct position to select the correct audio path.
3. Connect speakers to the RCA L/R connectors of AV-GM0AQ3-S1.
4. Plug in 5V DC power cord to the power jack of AV-GM0AQ3-S1.

## Notice

1. AV-GM0AQ3-S1 supports AES3/S/PDIF [IEC60958] stereo digital audio formats.

# Limited Warranty

The SELLER warrants the **AV-GM0AQ3-S1 S/PDIF to Stereo Audio Mini Converter** to be free from defects in the material and workmanship for 3 years from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within 3 years warranty period, The SELLER, at its option, repair or replace the unit, provided that the unit has not been subjected to accident, disaster, abuse or any unauthorized modifications including static discharge and power surge. This warranty is offered by the SELLER for its BUYER with direct transaction only. This warranty is void if the warranty seal on the metal housing is broken.

Unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number.

The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed.

Proof of sale may be required in order to claim warranty. Customers outside Taiwan are responsible for shipping charges to and from the SELLER. Cables and power adapters are limited to a 30 day warranty and must be free from any markings, scratches, and neatly coiled.

The content of this manual has been carefully checked and is believed to be accurate. However, The SELLER assumes no responsibility for any inaccuracies that may be contained in this manual. The SELLER will NOT be liable for direct, indirect, incidental, special, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. Also, the technical information contained herein regarding the **AV-GM0AQ3-S1** features and specifications is subject to change without further notice.





**Support**

For more info or tech support

<http://www.siiig.com/support>

April, 2018