

SP-0002

1x2 Component/Composite Distribution Amplifier

User Manual



Safety and Notice

The **SP-0002 1x2 YPbPr/Composite Distribution Amplifier** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the SP-0002 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 away the objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adaptor, 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.



Made in Taiwan

Introduction

The SP-0002 is designed to work as a duplicator and an amplifier at the same time for component or composite video applications. The SP-0002 not only takes one video input from a typical component source and immediately directs it to two component monitors or projectors, but also boosts and extends the signal up to 65m (210ft) without noticeable signal loss or picture degradation. In addition, for composite applications, users can further utilize the extra two video channels to duplicate stereo audio and make SP-0002 as an A/V distribution amplifier. SP-0002 makes users easily split your YPbPr signal source such as PS3, XBOX, XBOX360, or Wii to two YPbPr displays.

Features

- No software required
- Transmission distance up to 65m (210ft)
- Video bandwidth up to 400MHz
- Also works as a composite splitter with stereo audio
- Daisy-chain multiple units together for even more outputs

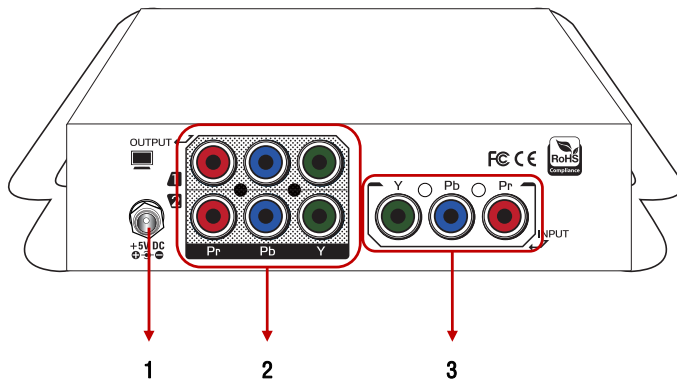
Specifications & Package Contents

Model Name		SP-9002	SP-0002
Technical			
Output Ports		2	
Supported input/output		VGA/ Component/S-video/Composite*	Component/S-video/Composite*
Video bandwidth		400MHz	
Video support		1080p60, WUXGA [1920x1200@60] & UXGA [1600x1200@60] or even higher	Up to 720p@60Hz, 1080i@60Hz, 1080p@30Hz
Transmission		HDCP – 65m [210ft] / UXGA – 65m [210ft]	
Input		1x VGA	3xRCA
Output		2x VGA	6xRCA
Audio support		No	No for Component / Yes for Composite
RCA connector		Component Video or Composite + Stereo	
VGA connector		HD-15 [15-pin D-sub female]	
Mechanical			
Case		Metal	
Dimensions [L x W x H]	Model	110 x 40 x 30 mm [4.3" x 1.6" x 1.2"]	160 x 100 x 40 mm [6.3" x 3.0" x 1.6"]
	Package	330 x 200 x 95 mm [1'1"x 7.9" x 3.7"]	270 x 175 x 100 mm [10.6" x 6.9" x 3.9"]
	Carton	495 x 440 x 380 mm [1'7.5"x1'5.3"x1'3"]	510 x 365 x 290mm [1'8"x1'2"x11.4"]
Weight	Model	[TX/RX]-155g [5.5 oz]	390g [13.8 oz]
	Package	1200g [2.5 lbs]	1200g [2.6 lbs]
Fixedness		Wall-mounting case with screws	
Power supply		5V 2A DC	
Power consumption		5 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 SP-9002 or 1x SP-0002 1x 5V power adapter 1x User Manual 1~3x VGA-to-Component breakout cable [optional accessory]	



*Component and composite input/output can be done by using the optional accessory VGA-to-Component adapter to connect to the VGA socket. However, for S-Video input/output, please find a VGA-to-S-video adapter available in the market to fulfill you need.

Panel Descriptions



1. **+5V power input:** Connect to the +5V power adaptor
2. **Output:** Component/S-video/Composite Outputs
3. **Input:** Component/S-video/Composite Input

Hardware Installation

1. Connect a component [YPbPr] source to the YPbPr input of the SP-0002.
2. Connect two YPbPr monitors or projectors to the YPbPr.
3. Plug power adapter cable into 5V DC power jack.

Limited Warranty

The SELLER warrants the **SP-0002 1x2 YPbPr/Composite Distribution Amplifier** to be free from defects in the material and workmanship for 1 year from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within 1 year 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 surges.

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 are limited to a 30 day warranty and cable 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 SP-0002 features and specifications is subject to change without further notice.