

Speaka SP-5965664

SPEAKA PROFESSIONAL AV Converter SP-MSD/HD-01 User Manual

MODEL: SP-5965664

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your SPEAKA PROFESSIONAL AV Converter SP-MSD/HD-01. This device is designed to convert an SDI signal into an HDMI signal, allowing you to connect SDI-enabled cameras or other sources to HDMI monitors or displays. The converter facilitates long-distance transmission of SDI video signals via a standard 75 Ω coaxial cable with a BNC connector.

2. PRODUCT OVERVIEW

The SPEAKA PROFESSIONAL AV Converter SP-MSD/HD-01 is a compact and robust device designed for reliable signal conversion. Familiarize yourself with the various components and ports of the converter.

2.1 Device Components

- **SDI Input:** For connecting the SDI source.
- **HDMI Output:** For connecting to an HDMI display.
- **LED Indicator:** Indicates power and signal status.
- **Power Input:** For connecting the 5V DC power adapter.

2.2 Product Images



Front angled view of the converter, showing the SDI input, LED indicator, and power input.



Detailed view of the SDI input (BNC connector), the red LED indicator, and the 5V DC 1A power input port.



Close-up view of the HDMI output port on the side of the converter.



Rear angled view of the converter, highlighting the HDMI output port.

3. FEATURES

The SPEAKA PROFESSIONAL AV Converter SP-MSD/HD-01 offers the following key features:

- Converts an SDI signal to an HDMI signal.
- Enables connection of SDI output cameras to HDMI monitors.
- Supports long-distance transmission of SDI video signals to the monitor.
- Signal transmission via a classic 75 Ω coaxial cable with BNC plug.
- Supports input/output resolutions including 480i, 576i, 720p@50.

4. SETUP

Follow these steps to set up your AV converter:

1. **Connect SDI Source:** Connect your SDI video source (e.g., camera, SDI player) to the SDI input port on the converter using a 75 Ω coaxial cable with a BNC connector.
2. **Connect HDMI Display:** Connect an HDMI cable from the HDMI output port on the converter to the HDMI input of your monitor or display.
3. **Connect Power:** Plug the provided 5V DC power adapter into the power input port on the converter, then plug the adapter into a suitable power outlet.
4. **Power On:** Once all connections are secure, power on your SDI source and HDMI display. The LED indicator on the converter should illuminate, indicating power and signal detection.

5. OPERATING INSTRUCTIONS

The SPEAKA PROFESSIONAL AV Converter operates automatically once properly connected and powered. It does not require any manual configuration.

- Ensure your SDI source is outputting a compatible video signal (e.g., 480i, 576i, 720p@50).
- The converter will automatically detect the incoming SDI signal and convert it to an HDMI signal.
- The converted HDMI signal will be displayed on your connected HDMI monitor.
- The LED indicator will provide visual feedback on the device's status.

6. MAINTENANCE

To ensure the longevity and optimal performance of your converter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid or aerosol cleaners.
- **Environment:** Keep the converter in a cool, dry place, away from direct sunlight, heat sources, and excessive moisture.
- **Ventilation:** Ensure proper ventilation around the device to prevent overheating.
- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- **Power Off:** Disconnect the power adapter when the device is not in use for extended periods.

7. TROUBLESHOOTING

If you encounter issues with your converter, refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
No picture on HDMI display	No power to converter; Incorrect cable connection; Incompatible SDI signal; Display input not selected.	Check power adapter connection and outlet; Ensure SDI and HDMI cables are securely connected; Verify SDI source output resolution is supported; Select correct HDMI input on your display.
Poor picture quality / Flickering	Damaged cables; Signal interference; Long cable run.	Try different SDI and HDMI cables; Ensure cables are not near strong electromagnetic sources; Use high-quality, shielded cables for long runs.

Problem	Possible Cause	Solution
LED indicator not lit	No power.	Check power adapter connection to the converter and the wall outlet. Ensure the outlet is functional.

8. SPECIFICATIONS

Technical specifications for the SPEAKA PROFESSIONAL AV Converter SP-MSD/HD-01:

Specification	Value
Brand	Speaka
Model Number	SP-5965664
Color	Black
Input Interface	SDI (BNC)
Output Interface	HDMI
Input/Output Resolutions	480i, 576i, 720p@50
Power Supply	5V DC 1A
Compatible Devices	1 x (e.g., SDI camera, HDMI monitor)
Number of Channels	1
Country of Origin	France

9. WARRANTY AND SUPPORT

This product comes with a spare parts availability period of 1 year. For any technical support or warranty claims, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.