



VGA SWITCH

250MHz



DS-44100-1



DS-45100-1

User Manual

DS-44100-1 (2 In / 1 Out)

DS-45100-1 (4 In / 1 Out)

Product Introduction:

The VGA Switch / Splitter enables you to switch between two input video signals (DS-44100-1) or four input video signals (DS-45100-1) to be displayed on one monitor (one output video signal). The Switch / Splitter is an active device. It amplifies and rectifies the output signal and ensures high output gain, high bandwidth, high resolution and high reliability of the output signal. It can be applied in stock markets, computer exhibitions, movie and broadcasting companies as well as in education centers etc.

DS-44100-1 provides audio capability: video and audio signals can be transmitted simultaneously by the switch. The corresponding input and output jacks are standardized for 3.5mm audio connectors.

Safety Guide:

In order to ensure the correct use of the device and the security of the operator, please follow these steps:

1. The power supply of the device is DC 9V 300mA.
2. Do not place the device into an area where it is too hot or too cold.
3. The power of the device will heat up when working. So keep the working environment in good ventilation in order not to damage the machine with high temperature.
4. Non-professionals should not take apart the machine or repair it without permission in order to avoid accidents or aggravating damage extent of the device.
5. Do not spill any chemical product or liquid on the device or near to it.

Trouble Shooting:

1. If there is no output signal, please check the following:
 - A. Whether the power wire is plugged into the device.
 - B. Whether the connection wire is well.
 - C. Whether there is an input signal.
2. If the power light is off, the power supply may be incorrect.
3. If the output image is interfered, the device may not be grounded properly.
4. If the output image is not clear, please check whether the connection wire has got a problem.

Specifications:

Video Input / Output Signal	Signal Type	VGA
	Connection Type	VGA 15HDF
	Minimum input level positive	0.5Vp-p
	Maximum input level positive	1.0Vp-p
	I/O Impedance	75Ω
Video	Maximum Resolution	1920*1080
	Horizontal Frequency	30-100KHz
	Vertical Frequency	40-120Hz
	Bandwidth	250MHz
Maximum Transmission Distance	65 meters	Resolution 800 x 600p @ 60Hz
Specification	Power Input Voltage	AC100~240V
	Device Input Power	DC 9V/300mA
	Size (LxWxH)	92mm x 130mm x 41mm
	Weight	400g
Operation	Panel	
Housing	Metal	