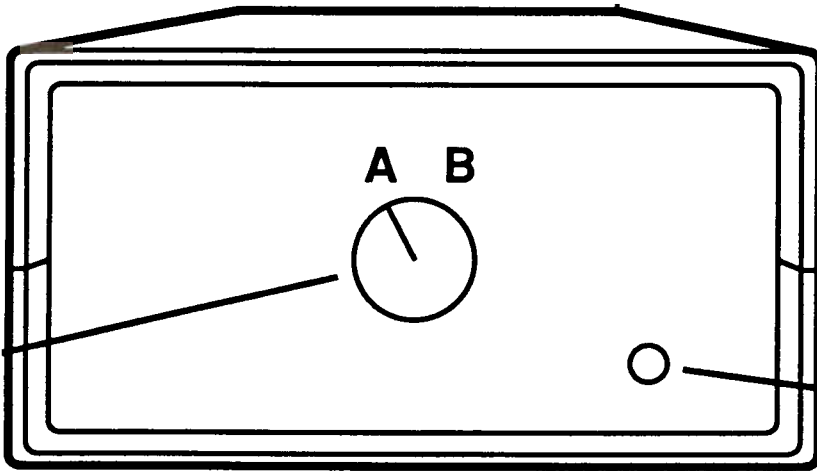


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4-to-1 RGBS Switch 3-to-1 RGBS Switch



4-to-1 RGBS Switch 3-to-1 RGBS Switch

Installation and Operation

1.0 SPECIFICATIONS

Power	Non-powered unit; no power supply required
Size	3.5"H x 6"W x 7.5"D (8.9 x 15.3 x 19.1 cm)
Weight	1 lb 7 oz (.7 kg)
Connectors	BNC (female)
Switch type	Rotary, self-wiping, break-before-make
Enclosure	High-impact plastic

2.0 INTRODUCTION

The RGBS Switch is used to connect four or five RGBS video devices together. Two models are available; one connects three video devices to one device, while the other connects four video devices to one. BNC connectors are built into the Switch's back panel to accommodate the Red, Blue, Green, and Synchronous signals from each video device.

3.0 DESCRIPTION

There are either 16 or 20 BNC connectors mounted on the rear panel, depending on the model you have purchased. The BNC connectors are arranged in rows and columns according to device and signal type.

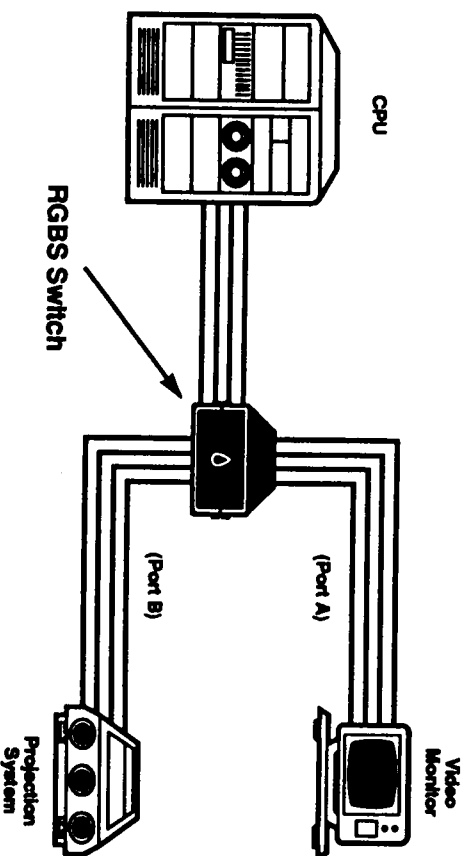
Each column is dedicated to a signal type: "R" is for red signals, "G" is for green signals, "B" is for blue signals, and "S" is for synchronous signals. Each row is dedicated to an individual device, with a *common* device established as row C; this is the device to be shared by other devices.

The rotary switch on the unit's front panel switches the device connected to the "C" connectors (that is, the common connectors) to the devices linked to the other connectors.

4.0 INSTALLATION

1. Disconnect the power supplies to all video devices to be connect via the RGBS Switch.
2. Select the common device to be shared by the other devices.
3. Take the four signal cables (red, blue, green, sync) of the common device and plug them into the BNC connectors of row "C" on the rear panel of the RGBS Switch.
4. Repeat this procedure for each other device, assigning each its own row of BNC connectors on the rear panel of the Switch.
5. The RGBS Switch is now ready for operation. The signal from the common device (the "C" row of connectors) can be switched to the devices connected to the other rows of connectors.

NOTE: BNC connectors require a "push-and-twist" motion to make a connection. Place one hand on the Switch; grasp the cable in your other hand. Push the connector on the end of the cable into the connector on the Switch, then twist a quarter-turn to lock the connectors into position.



Typical application of the RGBS Switch.