

Sync Changeover Switch

The 5465 Sync Changeover Switch module can be used with Avenue's 5400 SPG module, 5405 SPG module, or with third party sync pulse generators. In the event of a failure of the primary sync source, the 5465 changes to the secondary source.

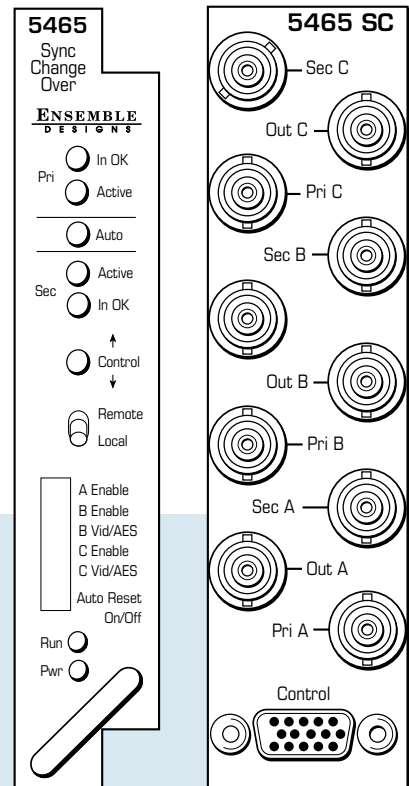
There are three poles or sections on the 5465. All three accept SD SDI, analog composite, AES digital audio or Tri-Level Sync signals.

Pole A tests serial digital component signals, while Poles B and C can test analog composite, AES or Tri-Level Sync signals. A drop in signal amplitude below a predetermined auto threshold will trigger the switch.

Multiple changeover switches can be ganged together through the control system. Depending on the application, two or more 5465s may be required to handle all signals that need to be protected.

Features

- » 3 poles for signal testing
- » Use with serial digital component, analog composite, AES audio and Tri-Level Sync signals
- » Passes embedded audio
- » Gang multiple 5465s together as needed
- » GPI inputs for remote manual override
- » GPI outputs to indicate signal status and switch position



Input Signals

Number Six
Signal Type Serial Digital SMPTE 259M, Analog Composite, AES Digital Audio, or Tri-Level Sync, selectable
Impedance 75 Ω
Return Loss >15 dB DC to 270 MHz

Switcher Characteristics

Type 75 Ω RF Relay
Insertion Loss <0.5 dB

General Specifications

Connectors BNC
Power Consumption <7.0 watts
Temperature Range 0 to 40°C ambient (all specs met)
Relative Humidity 0 to 95%, noncondensing
Altitude 0 to 10,000 ft
Fusing 1.5 Amp PTC resettable fuse

Output Signals

Number Three
Signal Type Follows input
Impedance 75 Ω
Return Loss >15 dB DC to 270 MHz

