



4059B

1x15 Low Frequency Distribution Amplifier (IRIG A/B or G)

KEY FEATURES

- Exceptional IRIG A/B or G Distribution
- High Channel Isolation
- 15 Outputs
- Yields 225 Outputs at 2nd Level
- LED Status Indicators for All Inputs and Outputs
- Status Information via Ethernet

Symmetricom's 4059B is a one-input, fifteen-output IRIG Distribution Amplifier in a 1U, 19 inch rack mount chassis. It provides fifteen isolated (>70 dB) outputs from a single input. This unit is ideal for distributing IRIG A/B or G. An Ethernet port on the rear panel provides the capability to remotely monitor the status of the input and all output signals. Any failure in the unit will immediately provide an alarm to this port. The front panel provides green LED status for the input and green/red for all output signals, as well as indicating an input of 1 kHz, 10 kHz, or other. A green LED on the front panel also provides power status.



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4059B Specifications

ELECTRICAL SPECIFICATIONS

- Time code input and outputs (15)
 - Code format: Any
 - Modulation frequency: 1 – 100 kHz
 - Modulation ratio: Any
 - Amplitude: <6 V P-P
 - Output isolation: >70 dB
 - Gain: 0 dB
 - Input impedance: Jumper Selectable $50 \pm 5\Omega$ or $10k \pm 100\Omega$
 - Output impedance: $50 \pm 5\Omega$
- Status
 - Senses signal presence on all inputs and outputs
 - Green/Red LEDs on Front Panel
 - LED Indicators for carrier frequency – 1 kHz, 10 kHz, and Other
 - Network (RJ-45 connector)

ENVIRONMENTAL & PHYSICAL SPECIFICATIONS

- Temperature: 0°C to 50°C
- Humidity: 0 to 95% non-condensing
- Power requirements (AC Input): 90 – 264 V AC, 10W, 47 – 63 Hz
- Dimensions: 1U (-1.75" / 4.44cm) x 19" (48.26cm) x 12" (30.48cm)
- Weight: 9 lbs (4.10 Kg)

OPTIONS

- Low Alarm Threshold



Rear View



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