



# Quad/IRIG-B Buffer Amplifier (1 to 4)

## Model 7535-001



- Meets IEEE standard 1344-1995 for IRIG-B
- 1 to 6 volts p-p for the mark
- 1kHz carrier
- Nominal gain of  $1.00 \pm 0.01$
- Input loading  $20K \frac{1}{2}$
- Accepts differential or single-ended inputs
- Four separate channels with four buffered outputs each channel
- Each output is short-circuit protected; cannot affect other outputs
- 50 Ohm BNC
- Packaged in 1U 19" rack, 1.75" high by 10" deep
- No fans or cooling slots – closed to the environment
- 115 V AC 60 Hz
- 16 watts max

The Model 7535-001 is a Quad (4) buffer amplifier (1 input to 4 output).

Each input differential channel is routed to four output connectors where every output signal is buffered individually with a unity gain amplifier. This architecture allows four devices to be connected to a single input channel.

Because each output is buffered, the disruption of one output does not affect the other outputs of the channel, e.g., if Channel 2, Output 2 were shorted, Channel 2 on Outputs 1, 3 and 4 would not be affected.

Each signal channel accepts single-ended or differential input signals.

Each output is single-ended and buffered, capable of supplying up to 80mA current at full output. Outputs are also short-circuit protected.

[www.spectracomcorp.com](http://www.spectracomcorp.com)

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Specifications subject to change or improvement without notice.

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