

Specifications

Sample Rates supported:

44.1kHz, 48kHz, 88.2kHz & 96kHz

Digital i/o

Fully conformant with the ADAT Lightpipe standard

Analogue Inputs

levels: -10dB / +4dB switchable

Max input level: +22dBu = 0dBFS

A-D conversion: 24 bit, 96kHz

106dB S/N; 96dB THD+N (typical A-weighted 48kHz)

Analogue Outputs

levels: -10dB / +4dB switchable

Max output level: +22dBu = 0dBFS

D-A conversion: 24 bit / 96kHz

106dB S/N; 94dB THD+N (typical A-weighted 48kHz)

Timecode Reader

Frame Rates: 24,25,29.97 drop and non-drop, 30 fps; Trigger only (no chase)

Physical

19" rack mountable - 1U high

Dimensions: 425mm x 150mm x 44.4mm

Weight: 2.1kg

dc input: 7.5V - 15V

Power consumption: <25W

Rear Panel Connectors

Analogue i/o

3 x 25 way Female D-type supplied with 3m looms to 1/4" stereo TRS jacks (for mixer insert points - tip send, ring return)

(Loop through outputs)

8 x 1/4" stereo TRS jack sockets (Ch 17-24 only: tip send, ring return). Only available in Analogue i/o mode.

Note: The BBR1-A is not supplied with lightpipe cables or analogue cable looms. JoeCo or your local dealer will be able to supply you with the right cable looms for your installation.

Digital i/o

3 x Toslink (Lightpipe) 8 channel input connectors

3 x Toslink (Lightpipe) 8 channel output connectors

Monitoring

1 x 1/4" stereo TRS jack socket: Headphone output

Control and Synchronisation

1 x 1/4" TRS jack socket: Linear Time Code (LTC) Reader / Footswitch

1 x 5-pin DIN: MIDI Time code (MTC) and MIDI Machine Control (MMC)

1 x 9-pin Male D-type: SONY PII protocol

2 x RCA sockets: AES/SPDIF word clock reference input / communications to auxiliary units

Other Connectors

1 x USB2 (480Mb/s) interface to disk drive

1 x mini DIN: PS2 keyboard socket

1 x 2.5mm dc inlet (9Vdc power) - power adapter supplied