BOB1024

2 STEREO IN, 4 STEREO OUT ANALOG
OR 4 IN, 8 OUT AES/EBU BREAKOUT BOX

1 DESCRIPTION

The BOB1024 is a breakout box for AudioScience audio adapters. It can be operated as either an analog breakout (2 stereo in and 4 stereo out) or AES/EBU digital breakout (4 stereo in, 6 stereo out and sync in). Two BOB1024s can be ganged together to provide 4 stereo inputs and 8 stereo outputs in analog mode.

All I/O is balanced on XLR connectors. Connections to the audio adapter are via a 50pin high-density SCSI type connector for analog and a 26pin high-density connector for digital (AES/EBU).

The BOB1024 is 1RU; 19" W x 5.5" D x 1.75" H (482.6 mm W x mm 139.7 D x NN mm 44.5 H).

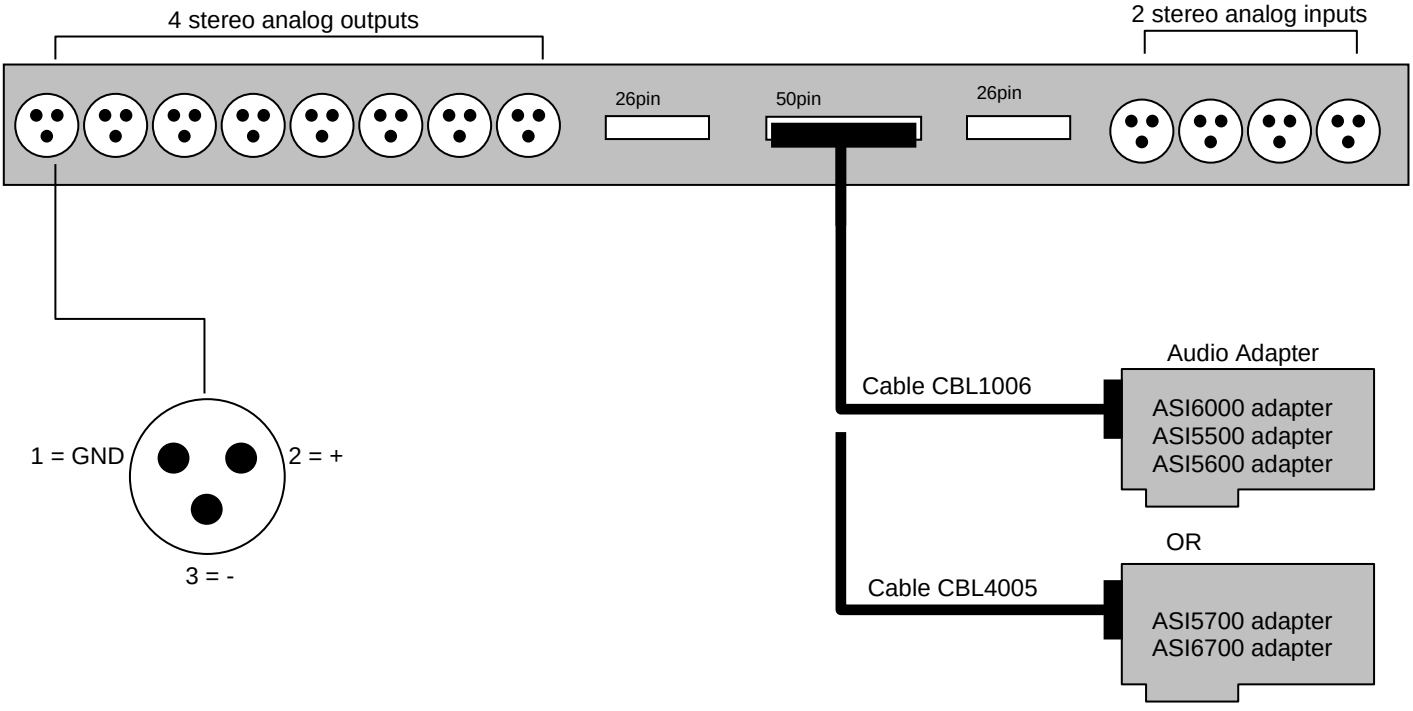
AudioScience cards that are supported include the ASI5500/5600 series, the ASI6500/6600 series and the ASI5700/6700 series.

NOTE: The BOB1024 can be operated in Analog OR Digital (AES/EBU) mode, but not both at the same time.

2 2. CONFIGURATIONS

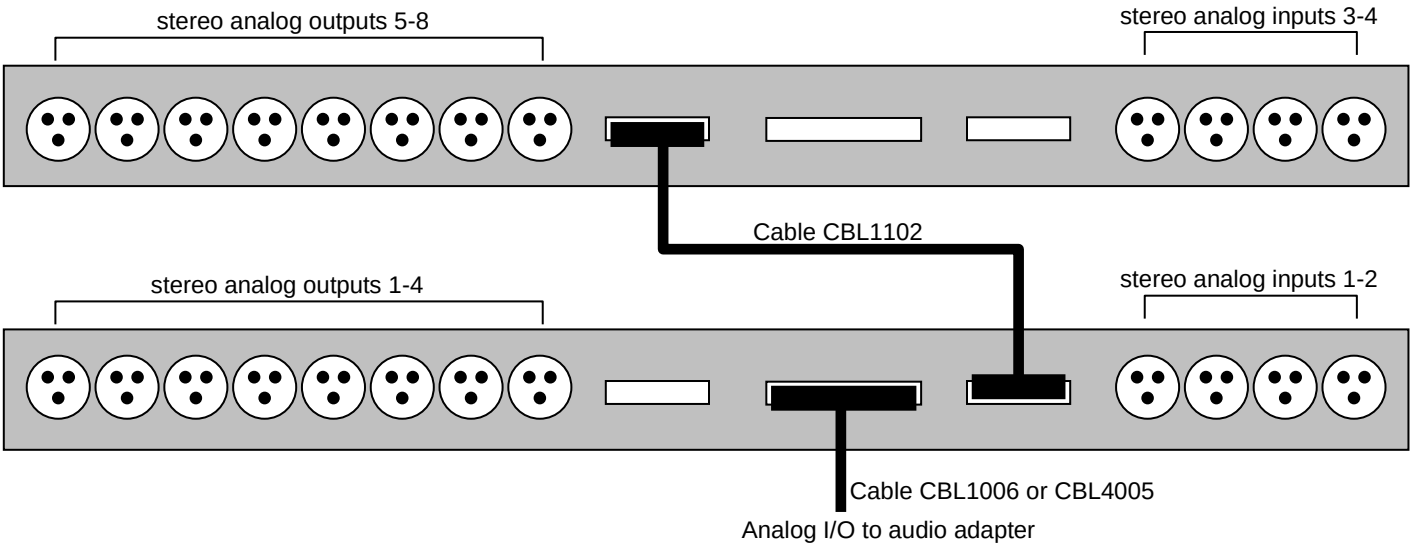
2.1 2.1 Analog Mode (Single BOB)

In this mode, one BOB1024 supports 2 stereo inputs and 4 stereo outputs. Cable CBL1006 is needed when connecting to an ASI6000 or ASI5500/5600 series card and CBL4005 when connecting to an ASI5700/6700 series card.



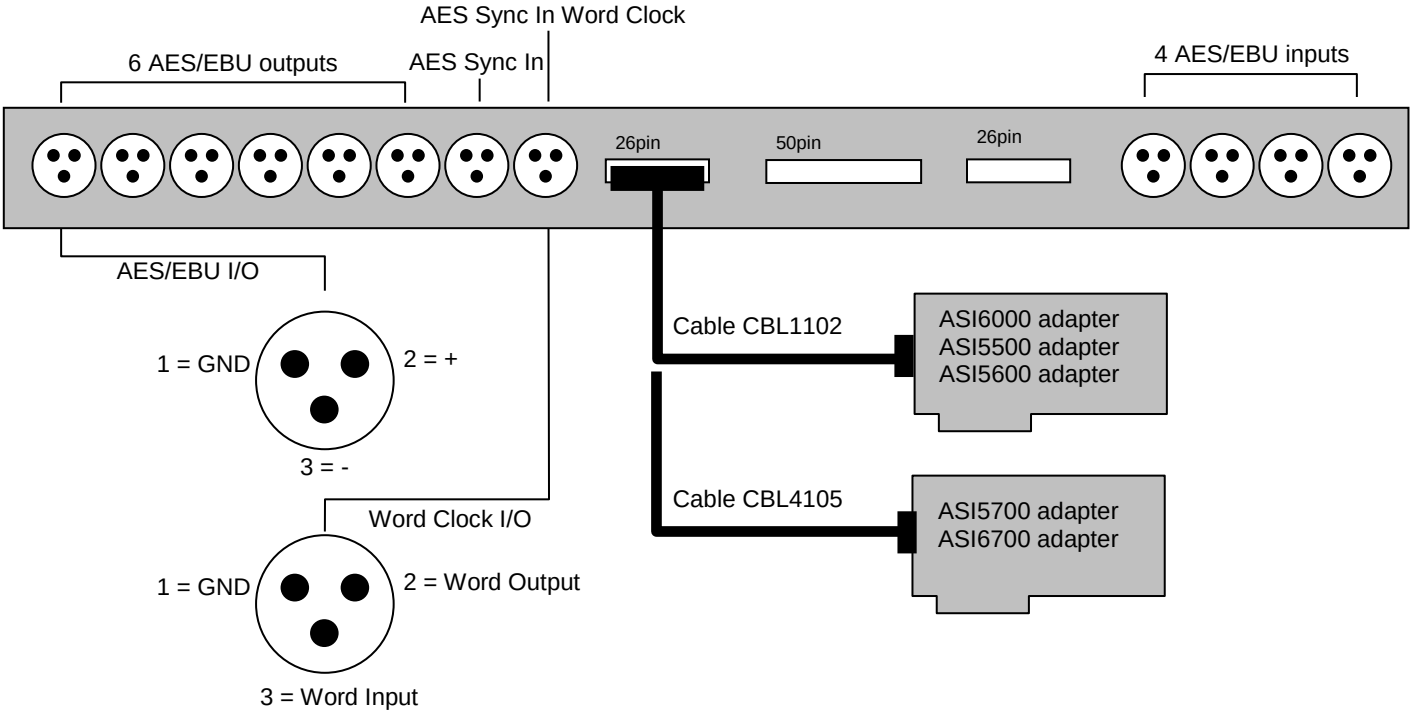
2.2 2.2 Analog Mode (Dual BOB)

In this mode, two BOB1024s support 4 stereo inputs and 8 stereo outputs. Cable CBL1102 is needed when connecting two BOB1024s. Cable CBL1006 is needed when connecting to an ASI6000 series card and CBL4005 when connecting to an ASI5700/6700 series card.



2.3 2.3 Digital Mode

In this mode, one BOB1024 supports 4 AES/EBU stereo inputs, 6 AES/EBU stereo outputs, AES/EBU sync in and word clock in. Cable CBL1102 is needed when connecting to an ASI6000 or ASI5500/5600 series card. Cable CBL4105 is used when connecting to an ASI5700 or ASI6700 series card.



NOTE: On ASI6518 or ASI6618 sound cards, AES inputs 3 and 4 can be assigned as outputs 7 and 8. This allows one BOB1024 to be used; it will then have 8 AES/EBU 'outputs'. Please refer to the ASI6518/ASI6618 datasheet for further information on how to set this up. Gender changers will be needed to make BOB1024 inputs 3 and 4 correctly gendered to become outputs.
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