

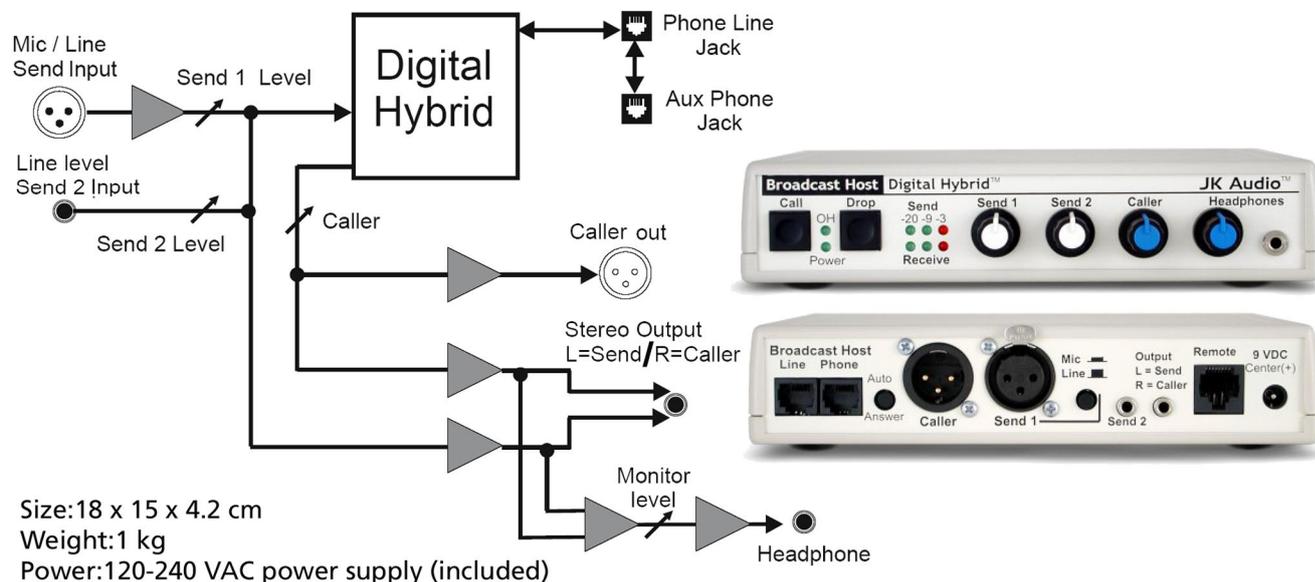
Product sheet

ART #: 485

JK AUDIO

Broad Hostcast

Desktop Digital Phone Hybrid



Technical information

INPUTS

Send 1: Balanced Female XLR, 1k ohm, -10 mV RMS (-35 dBv nom)

Mic/Line pad switch = +4 dBv max

Send 2: 3.5mm mono, 20k ohm, 250 mV RMS (-10 dBv nom)

Outputs:

Balanced: Male XLR, 200 ohm, 500 mV RMS (+4 dBv max)

Unbalanced: 3.5mm stereo, 50 ohm, 250 mV RMS (0 dBv max), Left = send, Right = caller

Headphone: 3.5mm stereo, 8 ohms, 250 mW mixed send and receive

Phone Line: RJ11C

Aux Phone: RJ11C

Isolation: 1500 VAC

Ringer: 0.9B REN

Frequency response: telephone side 200 Hz - 3600 Hz

Power: 120-240 VAC power supply (included)

Size: 18 x 15 x 4.2 cm

Weight: 1 kg

Product information

Broadcast Host is a personal desktop digital hybrid capable of providing talk show quality phone interviews. Broadcast Host allows you to send mic and line level signals into the phone line while maintaining excellent separation between your voice and the caller. The stereo output jack on the back of the unit provides your voice on one channel and only the caller's voice on the other channel. The balanced XLR output jack contains only the caller's voice.

The digital hybrid connects audio signals to a standard analog telephone line without the transmit / receive crosstalk common to analog hybrids. The Digital Signal Processor (DSP) continuously monitors both the phone line and audio signals to deliver excellent separation. This proprietary, dualconvergence echo canceller algorithm can achieve excellent separation, typically exceeding 50 dB, without any setup and without sending a noise burst down the line.

Broadcast Host provides connections for a microphone, headphones, mixer, sound card, telephone and your analog telephone line. An auxiliary telephone is only required to place outgoing calls.

The auxiliary telephone is disconnected when you press the "Call" button, and reconnected when you press the "Drop" button.

Broadcast Host features Auto-Answer/Auto Disconnect for use in IFB and monitoring applications.

Other applications include: telephone interviews, talk shows, church PA interface, and conference room full duplex applications.

Disclaimer: Changes in the data may have been made by the manufacturer without notice.

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