Interchange™

Intercom Phone Bridge

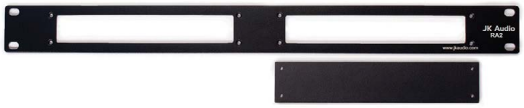
FEATURES

- » Male and Female 3 pin XLR Intercom loop jacks
- » Male and Female 3 pin XLR 4-wire jacks
- » Male XLR Mix Line Out for Monitoring
- » Send and Receive LED metering
- » Front panel screwdriver level controls
- » Front panel Channel Select
- » Front panel cell phone interface
- » Listen always, Talk when Talk-Enabled
- » Intercom and phone hybrid powered

Accessories

RA2™ Rack Mount Panel

The RA2 holds two Interchanges. Alternatively, RA2 holds one Interchange and one innkeeper LTD Digital Hybrid or AutoHybrid IP2 in a 1U rack space.



The Missing Link.

Interchange allows remote access to your party line intercom through select JK Audio POTS and VoIP phone hybrids. This professional half rack interface provides a four wire audio interface and remote control connection for JK Audio innkeeper LTD, innkeeper 1x/1rx™, or innkeeper 2™ Digital Hybrids for POTS lines. Likewise, couple a JK Audio PBXport™ with an Interchange™ for PBX/VoIP lines, or connect a JK Audio AutoHybrid IP2™ for VoIP or AoIP connections. The front panel headset interface jack allows easy connection of your mobile phone, tablet, or computer allowing remote access through a wireless phone or conferencing app.

Interchange contains a sophisticated intercom hybrid in a low noise pro audio design. The Listen-Always design allows both the phone hybrid / 4-wire connection and the mobile phone headset interface to monitor the intercom just like any other belt pack. Listen mode is a high impedance bridging tap on the intercom line. Talk mode is enabled via a front panel switch, either Off, On, or Auto. Auto follows the phone hybrid Auto-Answer mode. Talk mode uses a solid state relay to properly couple Talk audio from the phone line and mobile phone interfaces, to the intercom channel.

The Innkeeper 2 and AutoHybrid IP2 conference features allows two callers to share one intercom connection. Alternatively, the included cables allow Line 1 and Line 2 of the Innkeeper 2 or AutoHybrid IP2 to be connected to two separate Interchange units, allowing connection to separate intercom loops.

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1311 E. 6th St. Sandwich, IL. 60548

800.552.8346 • 815.786.2929
Se Habla Español

jkaudio.com
info@jkaudio.com

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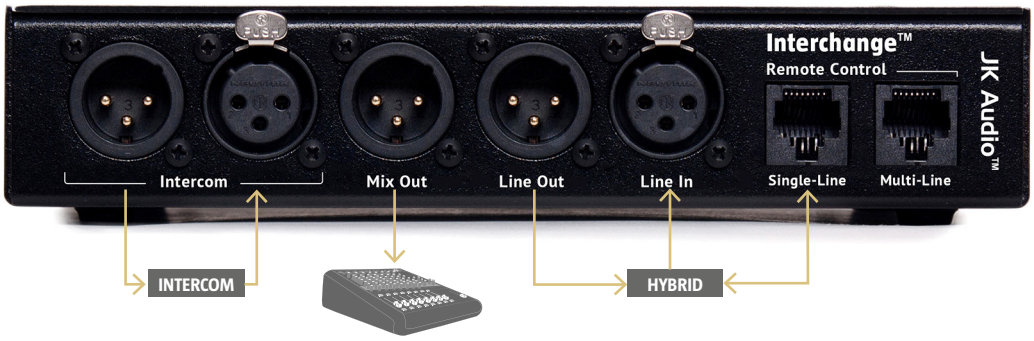
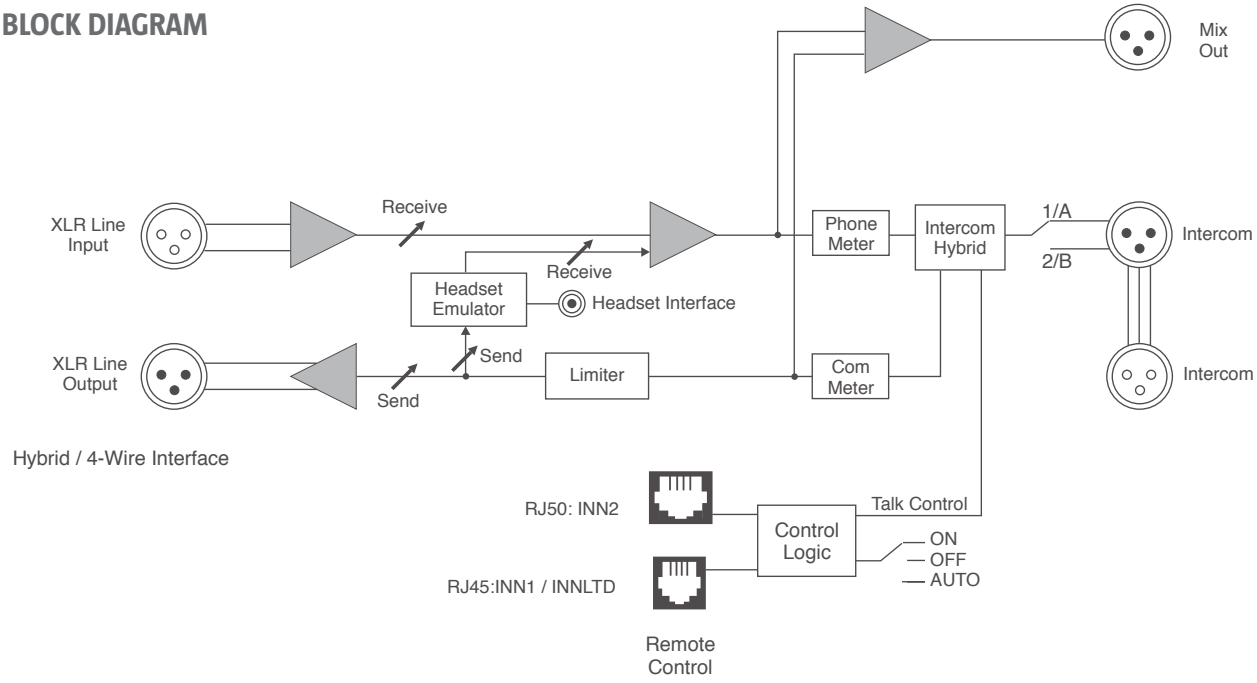
REAR VIEW



BLOCK DIAGRAM



SPECIFICATIONS

CE

Intercom Channel

Connection:	Male & Female 3-pin XLR
Output Level:	-10 dBu (250 mV RMS) nominal
Terminating Impedance:	200 ohms
Bridging Impedance:	>15k ohms
Pin 1:	Common
Pin 2:	Audio + 30 VDC (+12 VDC min) 50 mA
Pin 3:	Audio

Input

Balanced Female XLR:	20k ohms / 500 mV RMS (-4 dBu nom) +12 dBu max

Output

Balanced Male XLR:	200 ohms / 500 mV RMS (-4 dBu nom) +12 dBu max
Size:	7.6" x 5.3" x 1.5" (20 x 14 x 4 cm)
Weight:	1.2 lbs (0.5 kg)

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