

INTERACT® | Pro 8i

Professional Conferencing Systems

A microphone expansion unit for the INTERACT Pro platform. The INTERACT Pro 8i adds an additional 8 microphones to the INTERACT Pro for a total of 16 microphone inputs.

The INTERACT Pro 8i includes the audio signal processing on microphone inputs required for conferencing, including TRUE stereo Acoustical Echo Cancellation (AEC).



AFFORDABLE
MICROPHONE
EXPANSION
UNIT FOR THE
INTERACT PRO
PLATFORM

APPLICATIONS

- + Unified Communications
- + Use with Rich-Media Systems
 - > Web Conferencing
 - > Personal Computer
 - > IP Telephony
 - > Video Conferencing
- + Telepresence
- + Board Rooms
- + Conference Rooms
- + Executive Offices

ADVANTAGES

- + ClearOne's HDConference and NEW true stereo AEC provides unrivaled audio quality and intelligibility
 - > Stereo Echo Cancellation for use with HD video conferencing or telepresence
 - > Distributed Echo Cancellation® effectively eliminates echo
 - > Noise cancellation reduces background noises from fans or HVAC systems
 - > Full-duplex sound enables participants to speak and listen at the same time without cutting in and out
 - > Automatic level controls keep participants' audio balanced and consistent
 - > First-mic priority eliminates hollow "tunnel" sound by activating only the microphone closest to the person speaking
- + Scalable and flexible to meet most conferencing needs
 - > Adds 8 microphone inputs to INTERACT PRO
 - > Add INTERACT COM for direct interface to PC or enterprise telephone sets
- + Integral network management system enables remote configuration, control and monitoring
- + Interoperates with NetStreams® A/V over IP™ systems
- + Easy to install, program and use

> INTERACT Pro 8i REAR PANEL



> SPECIFICATIONS

AUDIO PERFORMANCE

Conditions: Unless otherwise specified, all measurements are performed with a 20 Hz to 22 kHz BW limit (No Weighting)

Frequency Response:

20 Hz to 22 kHz BW, Max Gain

Noise (EIN):

-124 dBu, 22 kHz BW, Max Gain, $R_s=150 \Omega$ THD+N: < 0.02%

Dynamic Range: 100 dB (non A-weighted) Crosstalk < -91 dB rel 17 dBu

Sampling Rate: 48 kHz

A/D - D/A Converters: 24-bit

MICROPHONE INPUT CONFIGURATION

Input Gain Adjust

Mic or Line Level

Phantom Power ON/OFF

Echo Cancellation ON/OFF

Noise Cancellation ON/OFF

PEQ

Filters

Mute ON/OFF

Chairman Override ON/OFF

AGC ON/OFF

Automatic Level Control ON/OFF

Auto Gate/Manual Gate

Adaptive Ambient ON/OFF

Pre-AEC Channel

MIC/LINE INPUTS 9-16

Impedance:

5 k Ω per Leg or 10 k Ω Balanced

Maximum Level: -65 dBu to +17 dBu

Echo Cancellation:

128 ms Tail Time (Works with 12 dB of Room Gain)

Phantom Power: 24 VDC at 10 mA

RS-232 CONTROL PORT

Firmware updates only

EXPANSION BUS IN/OUT

Cable:

CAT5 Twisted Pair, Solid Conductor

Maximum Cable Length Between:

INTERACT Pro and INTERACT Pro 8i:

80 feet

INTERACT Pro/Pro 8i and INTERACT COM:

60 feet

CONFIGURATION SOFTWARE

INTERACT Supports:

Microsoft XP, Vista and Windows 7

INTERACT COM (OPTIONAL)



USB AUDIO CHANNEL IN/OUT:

USB 2.0 Compatible

Connector: Mini Type B

IN/OUT Channel, 16-bit at 16 kHz

HEADSET AUDIO CHANNEL IN/OUT:

Connector: RJ-9

Supported Telephone Sets:

Most Cisco, Avaya and Nortel phones

Audio Performance:

Frequency Response: 40 to 3300 Hz

THD and Noise: < 0.04% re-max level with

0 dB Gain @ 1 kHz

Dynamic Range: > 84 dB (non A-weighted)

Audio Processing:

Receive Automatic Level Control

Line Echo Cancellation for Side-tone Elimination

GPIO:

Pin 1: Global Mute (C)

Pin 2: Global Mute (S)

Pin 3: ON/OFF Hook (C)

Pin 4: ON/OFF Hook (S)

Pin 5: 5V DC up to 40 mA

POWER SUPPLY

Primary Voltage: 100 to 240 VAC

Auto-Sensing, 50-60 Hz

Power Consumption: 26 W Max

DIMENSIONS (W X D X H)

INTERACT Pro 8i: 17" x 7.5" x 2"

(43.2 cm x 19.1 cm x 5.1 cm)

WEIGHT

INTERACT Pro 8i: 4.5 lb. (2.25 kg)

COMPLIANCE

ROHS Compliant

WEEE Compliant

UL Safety Listed

AES48-2005 AES Standard on Grounding and EMC Practice

PART NUMBER

910-154-065

NOTE: THE INTERACT PRO 8i IS AN INPUT EXPANSION DEVICE FOR THE INTERACT PRO. AN INTERACT PRO IS REQUIRED FOR THIS DEVICE TO FUNCTION.

SALES AND INQUIRIES

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