

NEW

INTERACT™ | AT-OC

Microsoft Communicator Server Group Conferencing Solution

OPTIMIZED FOR
Microsoft®
Office Communicator

ClearOne®

Add your conferencing room to the Communicator Server Ecosystem with the INTERACT AT-OC. The INTERACT AT-OC is a complete room audio solution that connects to the Microsoft Communicator Server Client PC to USB audio. It includes a tabletop dialer, an audio mixer, loudspeakers and microphones. Simply unpack the solution, plug in the microphones, connect the loudspeakers, add the PC and the room is ready for an OCS conference.



AN OC-ENABLED
AUDIO
CONFERENCE
SOLUTION FOR
CONFERENCE ROOMS
UP TO 15 PEOPLE

APPLICATIONS

- + Use Collaboration capabilities in the group room
 - > Video conferencing
 - > Web conferencing
 - > Audio Conferencing
- + Enable OCS in group rooms
 - > Boardroom
 - > Training Center
 - > Executive Office

ADVANTAGES

- + Bring Microsoft Communicator Server Voice into the Conference Room
 - > Just add a PC to run the Communicator Server Client
 - > The PC connects to INTERACT AT-OC via USB
- + Create Group Video Conferencing using Microsoft Communicator Server at a fraction of the cost
 - > Just add the PC, LCD and USB Camera to INTERACT AT-OC.
 - > HD capabilities with Communicator Server
- + As easy to install as a Conferencing Phone
 - > Plug & Play
 - Connect Microphones to Mixer
 - Connect Speakers to Mixer
 - Connect Dialer to Mixer
 - Connect PC to USB Port
 - > No programming required
 - > Uses Desktop Communicator Server Client

HDConference™

> COMPONENTS

INTERACT AT MIXER

Provides advanced audio processing for superior sound quality.



INTERACT DIALER

Wired or wireless controller provides intuitive interface that emulates a telephone keypad.



INTERACT MIC

Each pod features three voice-activated mic elements for 360-degree audio pickup.



INTERACT COM Wired

Provides an interface to telephone sets via the headset port or to PC audio via a USB port. The Wireless Com provides the interface to a wireless controller.

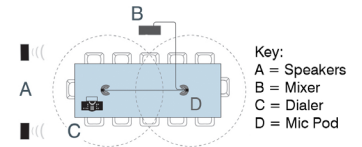


BOSE® LOUDSPEAKERS

Ceiling or wall-mount options provide premium sound. Also available without speakers for custom speaker options.



Conferencing Setup



> SPECIFICATIONS

AUDIO PERFORMANCE

Conditions: Unless otherwise specified, all measurements are performed from 20 Hz to 15 kHz BW limit (no weighting)
Dynamic Range: >80 dB (Non-A Weighted)
THD+N: <.02 %

Audio Mixer

AEC tail time: 128 ms
Adaptive Noise Cancellation: 6-15 dB
Gating: Adaptive ambient, 1st mic priority, look-ahead gating
Up to a total of 3 INTERACT MIC or INTERACT MIC EX device can be connected to the INTERACT AT Mixer
48 kHz Sample Rate, 24-bit Resolution

Audio Mixer Line Input

Connection: Unbalanced RCA
Impedance: 10 kOhm
Nominal Level: -10 dBu
Maximum Level: +9 dBu

Audio Mixer Playback

Connection: Unbalanced Left and Right RCA (summed internally)
Impedance: 10 kOhm
Nominal Level: -10 dBu
Maximum Level: +15 dBu

Audio Mixer Line Output

Connection: Unbalanced RCA
Impedance: 10 kOhm
Nominal Level: -10 dBu
Maximum Level: +9 dBu

Audio Mixer Record Output

Connection: Unbalanced Left and Right RCA (mono source split internally)
Impedance: 10 kOhm
Nominal Level: -10 dBu
Maximum Level: +9 dBu

Audio Mixer Amplifier Output

Connection: Left and right push terminals
Power: 5 Watts
Frequency Response: 20 Hz – 15 kHz (+/-1 dB)
Dynamic Range: > 80 dB
THD+N: < 0.5% (+5 dBu line input @ 1 kHz)

Telephone Interface

Telephone Audio Performance
Conditions: Unless otherwise specified, all measurements are performed with Transmit Limiter and Receive ALC disabled
Frequency Response: 250 Hz to 3.3 kHz ±1 dB
THD+N: <0.3% re-max level 250 Hz to 3.3 kHz
SNR: > 62 dB re-max level
Telco Line Echo Cancellation
Tail Time: 32 ms
Null: 55 dB nominal
Telephone Noise Cancellation
Noise Cancellation 6-15 dB attenuation

RS-232 Control Port

DB9 female
9,600/19,200/38,400/57,600 (default)/115,200
Baud Rate: 38,400, 56,700(default) 115,200
PROtocol: 8 Bit, 1 stop, no parity
Hardware flow control on (default)/off

USB Configuration Port

USB 1.1 Compatible
Type: B Connector

VISCA Camera Port

Din, 9600 baud, no Flow Control

LAN

10/100 Ethernet
RJ-45 with activity LED
Supports: Telnet, HTTP

Link Bus

Connection: RJ-45 with Cat 5 Daisy chained
Maximum Distance: 60 feet from Mixer to last device in chain
Maximum Number of INTERACT MIC Devices: 3 – any mix of INTERACT MIC
Maximum Number of INTERACT COM Device: 1 per INTERACT Mixer

Configuration Software

INTERACT Supports: Microsoft XP, Vista, and Windows 7

INTERACT COM

Versions:
Wired

USB Audio Channel:

USB 2.0 Compatible
Connector: Mini Type B
TX and RX Channel, 16-bit at 16 kHz

Headset Audio Channel:

Connector: RJ-9
Supported Telephone Sets: Most Cisco, Avaya, and Nortel phones

Audio Performance

Frequency Response: 40 to 3300 Hz
THD and Noise: <.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 milliamps

INTERACT DIALER

Functions: Dialing, Volume Control, Mute Control
Communications:
Wired Version: RS-232 connected to mixer

INTERACT MIC – Tabletop Microphone

Coverage: 360 Degrees
Frequency Response: 60 Hz- 14 kHz
THD+N: <0.08% (-45 dBu input @ 1 kHz)
Sensitivity: -45 dBu

Power Supply

Primary Voltage: 100 to 240 VAC
Auto-Sensing, 50-60 Hz
Power Consumption: 32 W Maximum

Dimensions (W x D x H)

INTERACT AT Mixer:
17" x 7.5" x 2"
(43.2 cm x 19.1 cm x 5.1 cm)

INTERACT DIALER:
10.5" x 4.5" x 2.75"
(26.7 cm x 11.4 cm x 6.9 cm)

INTERACT COM:
4.7" x 5.6" x 1.7"
(11.9 cm x 14.3 cm x 4.4 cm)

INTERACT MIC: Diameter:
7" (17.8 cm)
Height: 1.5" (3.8 cm)

Weight

INTERACT AT Mixer: 4.5 lb. (2 kg)
INTERACT DIALER: 2.0 lb. (.9 kg)
INTERACT MIC: 1.5 lb. (.7 kg)
INTERACT COM: 1.5 lb. (.7 kg)

Compliance

ROHS Compliant
WEEE Compliant
UL Safety Listed
AES48-2005 AES Standard on Grounding and EMC Practice

Part Number

930-154-002

Certification

Microsoft Communicator Server

> CLEARONE LOCATIONS

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