

ClearOne Interact AT USB Premium Conferencing Solution

Product Name: ClearOne Interact AT USB Premium Conferencing Solution

Manufacturer: ClearOne

Model Number: CC-910-154-030

ClearOne Interact AT USB Premium Conferencing Solution

A complete conference room solution with flexibility in mind. The INTERACT AT includes all the necessary audio equipment and peripherals for any conference room while delivering exceptional audio quality at an affordable price. Customize your solution with multiple microphones and speaker options, direct connection to enterprise telephones, USB audio, a room controller, plus the ability to connect to the rich-media systems. Advantages

- Enables Unified Communication in the conference room
- USB port connects to PC for Skype, WebEx and other A/V conferencing applications
- Headset port connects to Cisco, Avaya, and Nortel handsets
- Sound quality exceeds traditional conference phone with ClearOne HDConference technology - Simplified installation combines all microphone signals onto a single data cable minimizing conduit and raceway requirements. - Noise cancellation reduces background noises from fans or HVAC systems - Automatic level controls keep participants' audio balanced and consistent
- Scalable and flexible - Wireless or wired controller option - Multiple speaker mount options: wall, ceiling or custom - Select appropriate number of MIC EX and MIC PODS (max three) to fit the applications Integral network management system enables remote configuration, control and monitoring
- Interoperates with NetStreams A/V over IP systems
- Easy to install, program and use

Components INTERACT AT MIXER Provides advanced audio processing for superior sound quality. INTERACT COM (Wired or Wireless) 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. INTERACT MIC Each pod features three voice-activated mic elements for 360° audio pickup. ClearOne Loudspeakers Ceiling or wall-mount options provide premium sound. Also available without speakers for custom speaker options. INTERACT MIC EX Each box contains three industry standard XLR microphone connectors. Boxes are daisy-chained from mixer using standard RJ-45 cables. Boxes can be rack-mounted with mixer or strategically positioned throughout a room to minimize microphone cable runs. INTERACT Dialer (Wired or Wireless) Controller provides an intuitive interface that emulates a telephone keypad.

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: < 0.02%

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 devices can be connected to the INTERACT AT Mixer
- 48 kHz Sample Rate, 24-bit Resolution

Audio Mixer Line Input

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- Connection: Unbalanced RCA
- Impedance: 10 k Ω ;
- Nominal Level: -10 dBu
- Maximum Level: +9 dBu

Audio Mixer Playback

- Connection: Unbalanced Left and Right RCA (Summed Internally)
- Impedance: 10 k Ω ;
- Nominal Level: -10 dBu
- Maximum Level: +15 dBu

Audio Mixer Line Output

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

Audio Mixer Record Output

- Connection: Unbalanced Left and Right RCA (Mono Source Split Internally)
- Impedance: 10 k Ω ;
- 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: < 0.50%
- (+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 \pm 1 dB THD+N: < 0.30%
- 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

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- DB9 Female
- Baud Rates: 9,600 / 19,200 / 38,400 /
- 57,600 (Default) / 115,200
- Protocol: 8 Bit / 1 Stop / No Parity
- Hardware Flow Control ON (Default)/OFF

USB Configuration Port

- USB 2.0 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 CAT5 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 or MIC EX

Maximum Number of INTERACT COM Devices:

- 1 per INTERACT Mixer
- Configuration Software
- INTERACT Supports:
- Microsoft XP, Vista and Windows 7
- INTERACT COM

Versions: Wired or Wireless (2.4 GHz) 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: < 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)

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- 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

INTERACT Dialer

- Available in Wired or Wireless Versions
- Functions: Dialing, Volume Control, Mute Control

Communications:

- Wired Version: RS-232 Connected to Mixer
- Wireless Version: 2.4 GHz DSSS to INTERACT COM-W (Wireless)
- INTERACT MIC – Tabletop Microphone
- Coverage: 360

Frequency Response:

- 60 Hz - 14 kHz THD+N: < 0.08%
- (-45 dBu Input @ 1 kHz)
- Sensitivity: -45 dBu
- INTERACT MIC EX - Microphone Distribution Box
- Connection: Female XLR Balanced
- Maximum Level :+18 dBu

Frequency Response:

- 20 Hz – 15 kHz THD + N: < 0.01%
- Phantom Power: 24 V @ 10 mA
- Impedance: 5 k Ω ; per Leg or 10 k Ω ; Balanced

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 MIC EX: 4.7 x 5.6 x 1.7 (11.9 cm x 14.3 cm x 4.4 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 lbs. (2.25 kg)
- INTERACT Dialer: 2.0 lbs. (1.0 kg)
- INTERACT MIC: 1.5 lbs. (0.75 kg)
- INTERACT MIC EX: 1.5 lbs. (0.75 kg)
- INTERACT COM: 1.5 lbs. (0.75 kg)

Compliance

ClearOne Interact AT USB Premium Conferencing Solution

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

Part Numbers Complete Room Solutions:

- INTERACT AT: 910-154-010
- INTERACT COM: 910-154-030
- INTERACT COM-W (For Wireless Dialer):

910-154-050

- INTERACT MIC: 910-154-015
- INTERACT MIC EX: 910-154-020
- INTERACT Dialer: 910-154-035
- INTERACT Dialer W (Wireless): 910-154-040
- ClearOne Wall Speaker: 910-151-002-01
- ClearOne Ceiling Speaker: 910-151-001-01

Price: £416.40
