ClearOne

CleaRoom™ 800 Solution

Room Conferencing Solution

Minimize the effort required to specify, install and configure a complete professional quality audio system for conferencing. To utilize this solution, simply load the associated system site file into the Converge™ Pro system and connect the included microphones, speakers and controller.

THE CLEAR CHOICE FOR PROFESSIONAL AUDIO CONFERENCING

APPLICATIONS

+ Conference Rooms
+ Teleconferencing
+ Boardrooms
+ Hearing Room
+ Video Conferencing
+ Distance Learning Classroom

BENEFITS

+ Complete Audio Solution
+ Solution includes:
    > ClearOne Converge Pro 880TA
    > ClearOne Tabletop Controller
    > (4) ClearOne LS6CT Ceiling Speakers
    > (8) ClearOne Table Mics

+ Best-In-Class Audio System

+ Easy to Use and Easy to Install
    > Unified Control System
    > Pre-configured

+ Easy to Maintain
    > Remote management
    > Full Diagnostics

+ Easy to Expand
    > Links to other Converge Pro units
    > Easily add additional loudspeakers
    > Control via third party systems such as Crestron and AMX

FEATURES

+ Converge Pro 880TA Audio System
    > (8) AEC Channels
    > 4x35 watt
    > Integrated Telephone Hybrid
    > Pre-defined Site file
    > Sample drawings

+ ClearOne Tabletop Controller
    > Telephone dialing
    > Room volume controls

+ ClearOne Ceiling Speakers
    > Full bandwidth, high power and high sensitivity

+ ClearOne Table Mics
    > Uni-directional
    > Full band
    > XLR connector
    > XLR - Phoenix pigtail connectors

Converge Pro 880TA Mixer
Frequency Response: 20 Hz to 22 kHz ±1dB
THD+N: <0.02%
Dynamic Range: 100 dB (non A-weighted)
Processing: AEC, NC, AGC, Gating, NOM, Compressor, Limiter, Filters
Mic Inputs: (8) Balanced
Line Inputs: (4) Balanced
Line Outputs: (8) Balanced
PA Outputs: (4) 8Ω or 70/100V
Telephone: (1) Set, (1) Line

ClearOne Uni-directional Microphone
Number included: 8
Coverage: Uni-directional
Connection: XLR - Balanced
Frequency Response: 50 - 18 kHz
Microphone Sensitivity: -65 dBu

Wired Installed Controller
RS-232 Interface
Custom programming with Controller Builder
Telephone Dialing
Room Audio Controls

ClearOne LS6CT Ceiling Speaker
Number included: 4
Frequency Response: 60H to 20 kHz
Driver: 6"
Transformer Taps: 70V: 30W, 15W, 7.5W, 3.8W, 1.9W, 8 ohms
100: null, 30W, 15W, 7.5W, 3.8W, 8 ohms

Management & Control
Integrated HTTP Server
SNMP Agent
Automatic System Checks
Telnet

Environmental
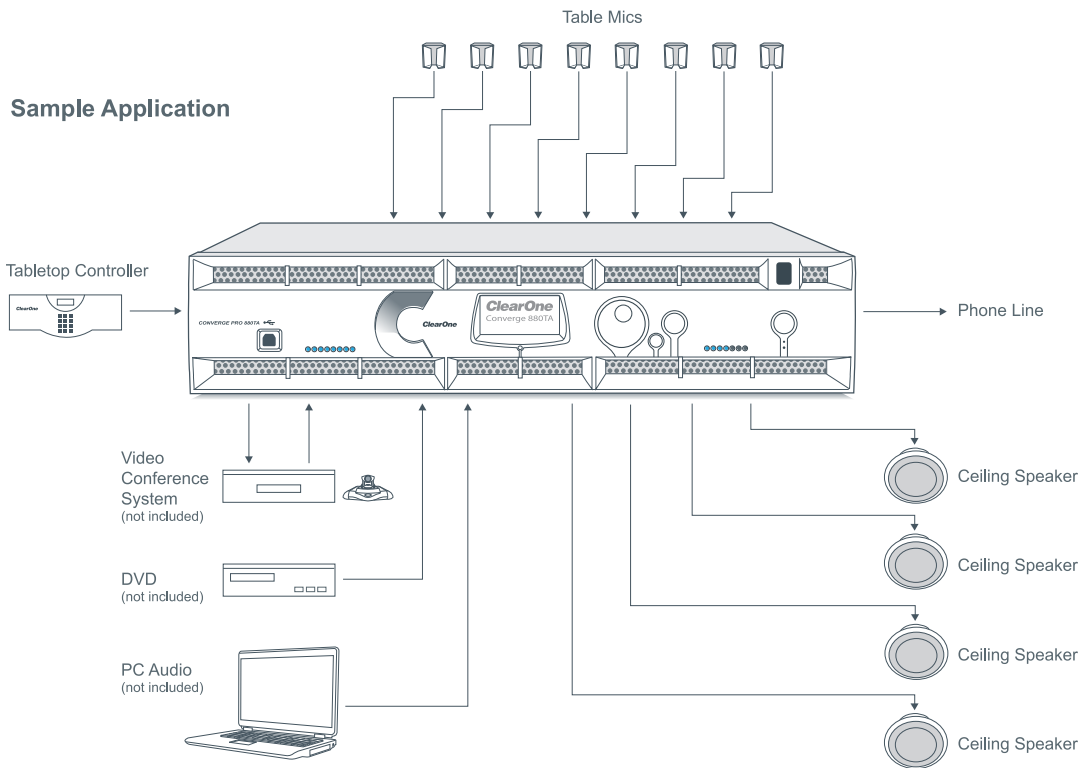Operating Temperature
32° F/-1.7° C to 122° F/50° C

Humidity
15% to 80%

Compliance
EMC - FCC Part 15 Class B
EMI - EN55024
Safety - IEC60950, CSA, CCC

Part Numbers
CleaRoom 800 Solution
930-151-800
Converge Pro 880TA ROHS
910-151-882
Tabletop Controller ROHS
910-151-890
Cable/Mic Accessory Kit
910-151-801

Sample Application

Table Mics

Tabletop Controller

Phone Line

Video Conference System
(not included)

DVD
(not included)

PC Audio
(not included)

Ceiling Speaker

Ceiling Speaker

Ceiling Speaker

Ceiling Speaker

Speakers Ceiling mnt (1 pr) LS6CT 6'
W/Transformer Packaged
910-151-001
Cable Spkr 18 AWG Clear C-240 50'
693-153-050
Cable Assy XLR 3-pin F To Euro 3-pin F 24"
830-151-800
Mic Kit Uni Table Top W/Cable
910-103-161

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