

Quattro3

MT305

USB and SIP/IP Telephone



Enhanced audio conferencing, *simplified.*

The Quattro3 (Q3) is a high-quality conference speakerphone that will turn any room into a professional sounding conference room. It has an exceptionally large pickup range and broadcasting range, yet is small in size and discrete in design. The Q3 utilizes multiple microphones, a uniquely designed speaker, and a powerful DSP to achieve commanding performance. The Q3 can easily be paired with an interface module to enable it to communicate with different types of infrastructures.

The MT305 model has both a USB and SIP/IP telephone interface. The USB outlet allows you to connect to a computer for any web audio conferencing Session such as Skype, Vido, etc, while the telephone interface allows you to connect to any VoIP/SIP/IP service provider. It comes with a built-in dial pad and LCD screen.

FEATURES

- Four microphone beam forming array
- Full duplex communication
- Echo cancellation
- Noise suppression
- De-reverb
- Automatic gain control
- Daisy chainable
- Supports single source daisy chain powering
- Bridging between USB and VoIP/SIP/IP
- Supports PoE (Power Over Ethernet)
- Fully functional dial pad with backlit LCD screen
- Durable aluminum casing
- LED lit control buttons



SPECIFICATIONS

Connections

USB interface (mini B connector)
3.5mm external loudspeaker and microphone jack
Volume Up / Volume Down buttons Daisy chain expandability of up to 15 units Power Consumption: 5v 500mA
Peak through USB and wall mount AC/DC converted.

Audio

Frequency Response 50Hz - 16KHz Low latency (10ms)
Broadcast level (peak): 92dB SPL @1m (5 watts RMS)
Three-way bridging capability
Noise cancellation >10dB (without pumping noise)
100% full duplex - no attenuation (in either direction) during full duplex
High-end performance confirms to ITU-T G. 167
Acoustic echo cancellation > 40dB/sec
Residual echo is suppressed to the Environment noise level, preventing artificial ducking of signal
4 high-quality directional microphones
Direction-finding algorithm (determines the presence and direction of a speaker)
Beam-forming algorithm (forms and directs audio beams towards a defined direction)
Automatic voice-level adjustment (AGC)

Dimensions

Dimension: 7" diameter, 1-7/8" height
Weight: 2 lbs
Metal case and metal grill mesh for high RFI immunity and product durability

VoIP and Signaling

SIP - RFC 3261, SDP - RFC 2327 SIP over TCP/UDP, Redundancy, Digest Authentication, PRACK, Early Media

Data Protocols

IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, Static IP/DHCP IP Assignment, IEEE 802.1p/Q, HTTP/HTTPS/DHCP, NTP, FTP/TFTP

Software

Plug-and-play - No installation or Drivers. Audio Setup Utility is available for Windows.

The setup utility helps monitor the Audio input and output level but is Not required.

Recording utility is available for Windows. Recording utility is available for Windows. Recording utility allows you to record Conversations to your computer via

The device.

Operating systems: Windows 98

And up / Linux / MacOS

Accessories

USB cable
International AC adapter
Daisy chain cable (Ethernet)
Telephone cable

Warranty

Limited warranty - for more information, visit <http://www.phnxaudio.com/warranty/limitedwarranty.pdf>.

Regulatory Compliance

Complies with FCC 47 CFR part 68,

And ACTA adopted technical

criteria: TIA-968-A

Complies with FCC 47CFR part 15; ICES-003: 2004 Issue 4, Class B;

AS/NZS CISPR 22: 2006, Class B;

EN 55022: 1998+A1(00)+A2(03), Class B,;

EN61000-3-2:

2000+A2(05); EN61000-3-3:

1995+A2(05); EN55024:

1998+A1(01)+A2(03)

Complies with ETSI EG 201 121

V1.1.3 (2000-02); ETSI ES 203

021-2 V2.1.2 (2006-01); ETSI ES

203 021-3 V2.1.2 (2006-01)

Conforms to the requirements of the European Union Directive

2002/95EC (RoHS Directive)

Provisioning and Management

Web Server for Configuration and Management, Configuration update via FTP, TFTP, HTTP, HTTPS, DHCP Options (66,67,160,12,77,42)

THIS DEVICE PROVIDES IDEAL AUDIO SOLUTION FOR:

- Small offices or home offices
- Small to very large conference rooms
- Classrooms and training rooms
- Webinars and web conferences
- Executive Desktop

Performance

The Q3 has a new and more powerful processor than before. We continue to deliver crystal clear audio through full duplex technology, giving you true High Definition Audio in your conference room.

Design

The unique design for this speakerphone makes it easy to use and hassle free. The cable connection is conveniently placed under the unit for discretion.

Expandable

All devices can be Daisy Chained. A total of 15 units can be chained with a standard Ethernet cable. The same Ethernet cable can also power up to 8 units while only one is plugged in. No more proprietary cables. No more designated units.