PHOENIX AUDIO TECHNOLOGIES

Quattro3

MT304
USB and Power Daisy Chain

Enhanced audio conferencing, *simplified.*

The Quattro3 (Q3) is a high-quality conference speakerphone that will turn any room into a professionally sounding conference room. It has an exceptionally large pickup 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 MT304 model has a USB outlet that allows you to connect to the computer for any VoIP sessions, such as Skype, Vidyo etc. The interface card enables you to daisy chain multiple units while powering up to eight Q3s from one power source.

FEATURES

- Four microphone beamforming array
- Full duplex communication
- Echo cancellation
- Noise suppression
- De-reverb filtering
- Automatic gain control
- Daisy chainable
- Single source daisy chain powering
- Interchangeable interface modules
- Durable aluminum casing
- LED lit control buttons

SPECIFICATIONS

Connections
UBS 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)
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 with conversion speed of 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)
Beamforming algorithm (forms and directs audio beams towards a defined direction)
Automatic voice-level adjustment (AGC)

Dimensions
Dimension: 7 in diameter
Height: 1-7/8 in
Weight: 1.75 lbs
Metal case and metal grill mesh for high RFI immunity and product durability

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 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)

Warranty
Two years

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 requirement of the European Union Directive 2002/95EC (RoHS Directive)

THIS DEVICE PROVIDES AN 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. Up to 8 units can be powered from a single 48V power supply. (Proprietary cable sold separately.)

Flexible
The Q3 is the first conference phone that can adapt to the changes in your office. Instead of replacing your speakerphone as your voice system migrates to a different technology, you can simply replace the interface card on the unit. The interface can be installed using only two screws, making it versatile but simple to use.