PHOENIX Audio Technologies

Quattro 3

MT302
USB and Telephone

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 MT302 model has both a USB and telephone interface. The USB outlet allows you to connect to a computer for any VoIP sessions, such as Skype, Vidyo, etc., while the telephone interface on this model allows you to connect to any analog PSTN phone line with an RJ11 connection. It comes with a built-in keypad and LCD screen. The internal battery allows for 7 hours of use.

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
- Bridging between USB and PSTN
- Internal battery
- Fully functional dial pad with backlit LCD screen
- Interchangeable interface modules
- Durable aluminum casing
- LED lit control buttons

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.

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)
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 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: 2 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

Battery

7 hours of battery talk time with secondary interface

Accessories

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

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)