Quattro3 MT305
USB and SIP/IP Telephone Conference Speakerphone

The MT305, a member of Phoenix Audio's Quattro3 (Q3) series, 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 MT305 utilizes multiple microphones, a uniquely designed speaker, and a powerful DSP to achieve commanding performance. The MT305 model connects to any computer and is compatible with most SIP/IP phone service providers. It comes equipped with a built-in keypad and LCD screen. It comes equipped with a built-in keypad and LCD screen, making this device an ideal USB and Telephone solution for small offices, home offices, small to very large conference rooms, classrooms and training rooms.

The MT305 can also be connected directly to the Internet. The MT305 is supplied with an Ethernet cable and can be connected to the internet – this connection is done via RJ45 connector and an Ethernet cable directly to your internet infrastructure and is supported by most SIP/IP Phone service providers.

MT305 - Key Features

- Profesional grade audio for Computers and Internet Telephony
- USB connectivity for PC's and MACs
- RJ-45 connectivity directly to Internet, as a Speakerphone supporting Internet Telephony
- Fully functional dial pad with backlit LCD screen
- Bridging between USB and IP Telephone
- Four microphone beamforming array
- Full duplex communication
- Echo cancelling
- Noise suppression
- De-reverb
- Automatic gain control
- Daisy chainable
- Interchangeable interface modules
- Durable aluminum casing
- LED lit control buttons

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Specifications

Connections
- UBS interface (mini B connector)
- Ethernet (RJ-45)
- 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 – 16 KHz
- 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” diameter, 1-7/8” height
- 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)
- Ethernet cable (RJ-45)

Warranty
- Two Years