

VCOM TOUCHPANEL™ TCP-401

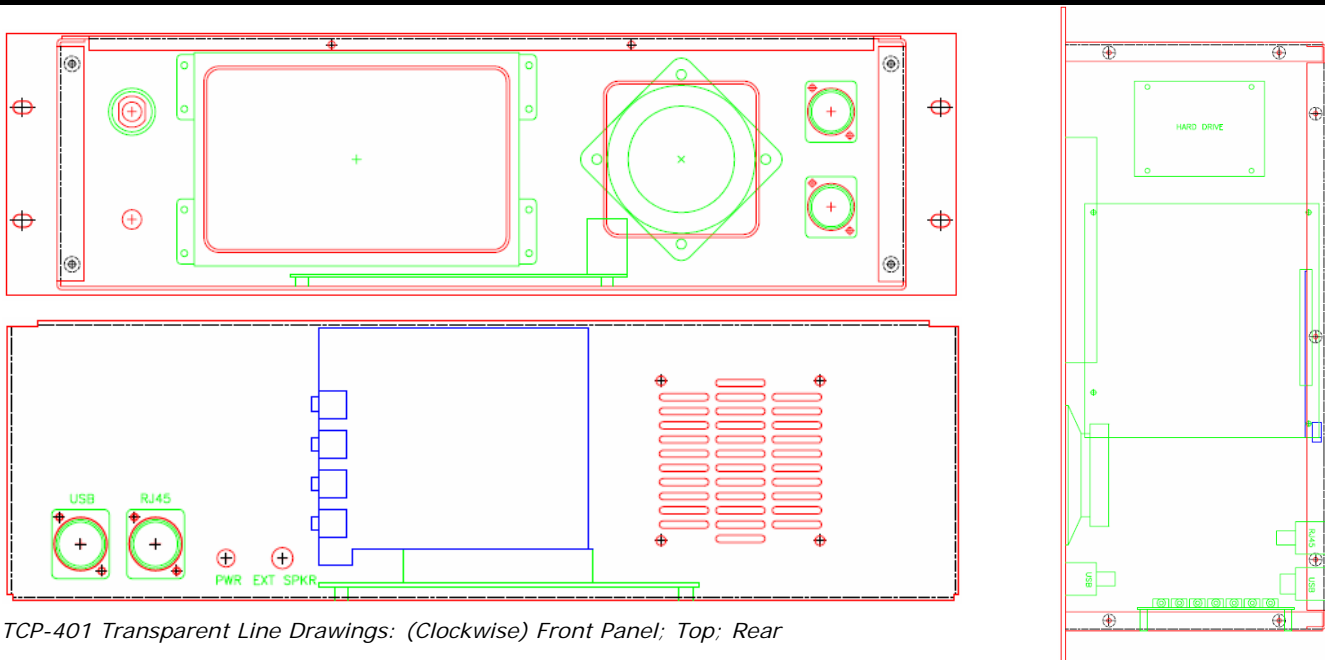


The revolutionary IP based *VCOM Touchpanel™* brings unprecedented power, ease of deployment, and affordability to multi-channel intercom panels. The intuitive 7" touch screen GUI supports hundreds of channels configurable for Point-to-Points, Group Calls, and Party Lines. The VCOM Touchpanel is ideal for Broadcast, Defense, Industrial, Commercial, and House of Worship applications.

Features

- High resolution touch screen selector activation supports 250 channels
- Individual channel volume controls with onscreen level indicators (\pm 6–18db)
- Onscreen telephone dial-pad and on-selector caller ID
- Interoperable with two-way radios, phone networks, VoIP/SIP, and other intercom systems
- Unparalleled electro-acoustical echo cancellation and noise suppression
- Use with dynamic, electret, or USB headsets
- Works interchangeably with VCOM on PCs, Tablet PCs, and Handhelds
- Operates over standard IP networks (WAN/LAN/WiFi/Data Cellular) from anywhere

Line Drawing



TCP-401 Transparent Line Drawings: (Clockwise) Front Panel; Top; Rear

VCOM TOUCHPANEL TCP-401 TECHNICAL SPECIFICATIONS

Display

LCD Touch screen Display
Size: 7"
Brightness: 300 NIT
Resolution: 800 x 600

Input Sources

Panel Microphone
Type: Electret Condenser
Length: Available in 12" or 18"

Headset
Dynamic Microphone Input Level
Nominal Level: -50dBu into 1K ohm
Maximum Level: -40dBu into 1K ohm
Microphone Amplifier Input
Impedance: 1K ohm \pm 5%

Electret Microphone Input Level
Nominal Level: -35dBu into 1K ohm audio impedance
Maximum Level: -20dBu into 1K ohm audio impedance

Output Sources

Headphone Amplifier
Power: 1 watt typical into 32 ohms

Panel Speaker
Size: 3" round
Frequency Response: 300 to 7000 hertz
Power Amplifier: 2 watts maximum into 8 ohms

Software

Operating System
Windows XP® Embedded

VCOM Control Panel
Multi-channel, multi access control GUI

VCOM System Administration Application
Dynamically configure VCOM (optional)

Connectors

Panel Microphone
Screw-in removable

Panel Headset
5-pin Female XLR
(4 pin female or male optional)

USB
Type A, 1 front, 1 rear

External speaker
¼" normalling phone jack

RJ-45
10/100 BaseT Wired Ethernet (LAN)

General

Processor
Intel Dual Core 1.6GHz

Memory
1GB DDR2

Storage
1GB Solid State Embedded Disk Card

Power Requirements
Universal Mains Power Supply

Dimensions (W x H x D)
19" x 5.25" x 7.6" (3 rack units)

*The VCOM IP Matrix Intercom System is Patent Pending:
U.S. Serial # 11/970,871; International Serial #
PCT/US08/50481*

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Specifications and features subject to change. 3/08/09
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