

# INTRACOM

## VCOM TOUCHPANEL™ TCP-401

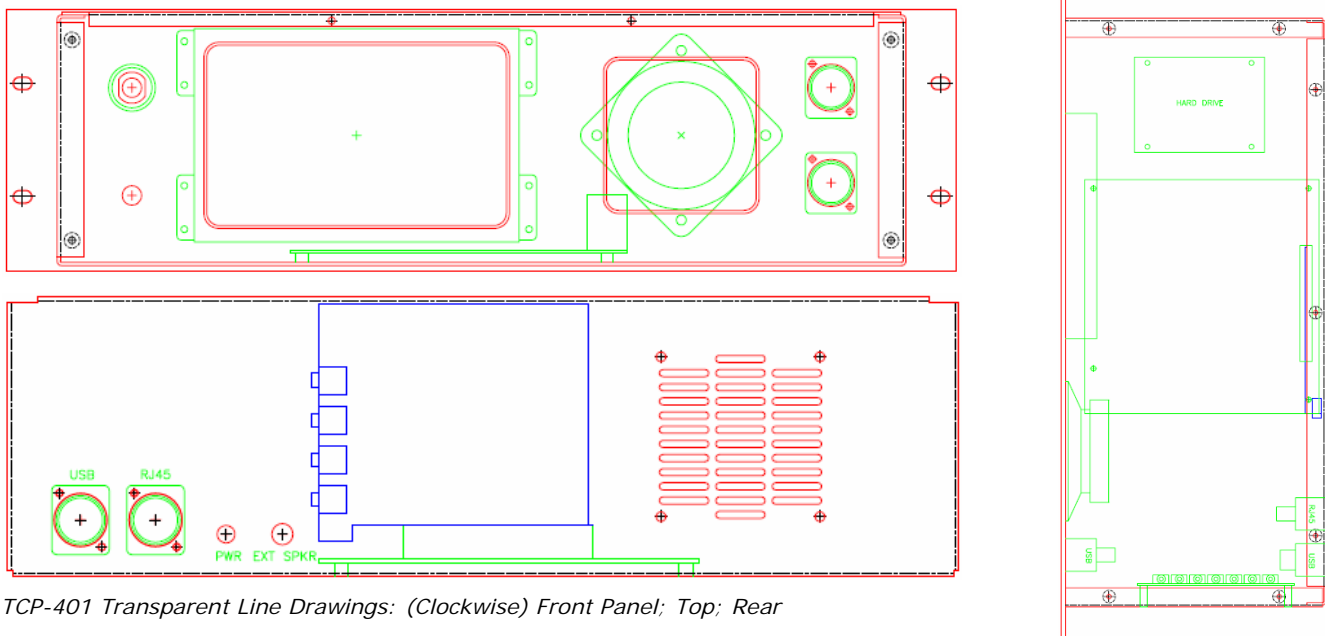


The revolutionary IP based *VCOM Touchpanel™* brings unprecedented power, ease of deployment, and affordability to multi-channel intercom panels. The intuitive 7" touch screen GUI supports hundreds of channels configurable for Point-to-Points, Group Calls, and Party Lines. The VCOM Touchpanel is ideal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