



VCOM TOUCHPANEL™ TCP-403H



The revolutionary IP based **VCOM Touchpanel™ TCP-403H** brings unprecedented power, ease of deployment, and affordability to multi-channel communications user stations.

The unit's intuitive touchscreen GUI supports virtually unlimited channels configurable for point-to-point, group calls, and PLs (conferences).

VCOM Touchpanels™ are ideal for diverse applications within Broadcast, Defense, Industrial and Commercial Markets.

Features

- High resolution touch screen selector activation supports virtually unlimited channels
- Individual channel volume controls with onscreen level indicators ($\pm 6-18\text{db}$)
- 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

IntraCom Systems, LLC
(888) 318-6187
info@intracomsystems.com
www.intracomsystems.com


VCOM Virtual Communications is Patented -- U.S. Patent #8,660,039
Specifications and features subject to change. 9/18/14 Copyright © 2014

SYSDO USA INC.
TL. 1-818-2134341
Fax. 1-844-3612990
SysDo Ltd.
TL. 972-39338999
Fax. 972-39337233
www.sysdo.net



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Technical Specifications

Display	<p>LCD Touch screen Displays</p> <ul style="list-style-type: none"> • Size: 5" • Driver element: a-Si TFT Active Matrix • Resolution: 800 x 3(RGB) x 480 • Display mode: Normally White, Transmissive • Dot pitch: 0.045(W) x 0.135(H) mm • Active area: 108.0(W) x 64.8(H) mm • Color arrangement: RGB-stripe
Input Sources	<p>Panel Microphone</p> <ul style="list-style-type: none"> • Type: Electret Condenser • Length: Available in 12" or 18" <p>Headset</p> <ul style="list-style-type: none"> • Dynamic Microphone Input Level • Maximum Level: 2.2dBu into 5K ohm • Microphone Amplifier Input • Impedance: 5K ohm (15K ohm @ 0dB gain) <p>Electret Microphone Input Level</p> <ul style="list-style-type: none"> • Maximum Level: 2.2dBu into 5K ohm • Microphone Amplifier Input • Impedance: 5K ohm (15K ohm @ 0dB gain) 
Output Sources	<p>Headphone Amplifier</p> <ul style="list-style-type: none"> • Power: 50 mWatt typical into 32 ohms <p>Panel Speaker</p> <ul style="list-style-type: none"> • Size: 3" round • Frequency Response: 300 to 17000 hertz • Power Amplifier: 2.8 watts maximum into 4 ohms
Software	<p>Operating System</p> <ul style="list-style-type: none"> • Windows 7® Embedded <p>VCOM Control Panel</p> <ul style="list-style-type: none"> • Multi-channel, multi-access control GUI

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Technical Specifications (continued)

	<p>VCOM System Administration Application</p> <ul style="list-style-type: none"> Dynamically configure VCOM (optional)
Connectors	<p>USB</p> <ul style="list-style-type: none"> Type A, 1 front, 1 rear <p>External speaker</p> <ul style="list-style-type: none"> ¼" normalling phone jack <p>RJ-45</p> <ul style="list-style-type: none"> 10/100 BaseT Wired Ethernet (LAN) <p>Graphics</p> <ul style="list-style-type: none"> HDMI, VGA <p>Panel Microphone</p> <ul style="list-style-type: none"> Screw-in removable <p>Panel Headset</p> <ul style="list-style-type: none"> 4-pin Male XLR
General	<p>Processor</p> <ul style="list-style-type: none"> Intel Celeron Processor 1.80 GHz Dual-core <p>Memory</p> <ul style="list-style-type: none"> 2GGB DDR3 <p>Storage</p> <ul style="list-style-type: none"> 16GB SSD <p>Power Requirements</p> <ul style="list-style-type: none"> Universal Mains Power Supply <p>Dimensions (W x H x D)</p> <ul style="list-style-type: none"> 19" x 3.5" x 7.6" (2 rack units)



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