


Vega's Model IP-2002

VoIP Based Desktop Console

- **Police and Fire Departments**
- **Utility and Energy Companies**
- **Railroads and Airlines Industries**
- **US Forestry and BLM Agencies**



The IP-2002 is a two-line full-featured desktop control console designed with VoIP Technology for use with conventional radio systems. The IP-2002 is a self-contained dual processor based console that does not require a CEB or under the desk CPU equipment.

The IP-2002 can be easily connected to any internal Ethernet network by connecting a standard 10/100 baseT cable to the back of the unit and assigning it an IP address, thus allowing for an unlimited number of IP-2002 consoles to have full control and functionality over the system. Unlike analog circuits any number of consoles can be put in parallel without causing loading issues.

To program the IP-2002 console you simply connect to the Ethernet port on the back of the console and use your favorite Web Browser on your computer.

The IP-2002 console has the capability of controlling a crosspatch between its two lines. The dispatcher can also inject audio into the crosspatch while operating.

Its two-line Vacuum Florescent Display provides channel alpha/numeric indication and features a 12/24-hour clock and audio-level display.

The IP-2002 comes with many standard features such as F1-F4 direct entry function tones, Alert tones, DTMF Keypad, NEO-10 Relay Control, Parallel update,

DTMF Select Call per line, Paging (2-tone, DTMF and Manual entry), Instant call recorder allows you to retrieve the last 30 seconds of speaker audio, Scan, Channel Up/Down, Group Up/Down, Supervisor and Cross Mute controls. The IP-2002 supports control of trunking radios when paired with an IP-223 and supported radio model.

The IP-2002 console is compatible with Vega's other VoIP products such as the C-6200, IP-223, and C-Soft. Through these platforms Motorola, M/A Com, Daniels, Kenwood, and other tone or direct connected radios can be remotely controlled. The migration path created with our VoIP products allows users to make a gradual move to the benefits of the VoIP world.



1-800-752-7560

TELEX® Communications, Inc

VEGA Signaling Products

8601 East Cornhusker Highway, Lincoln, Nebraska, 68507
Phone: (402) 465-7026 / (800) 752-7560 Fax: (402) 467-3279
E-mail: vega@telex.com, Web: www.vega-signaling.com

Front panel controls

- Monitor, Intercom, PTT button
- Alert tones, up to two
- Crosspatch
- Supervisory control
- 16 digit DTMF keypad
- Volume control
- Parallel TX LED detect
- Frequency Selection
- Menu button for direct menu access
- NEO-10 Relay control, up to four
- Paging (2-tone, DTMF, Manual)

Features

- 100 Talkgroup/Frequency Control
- Simplex/full duplex (field Programmable)
- Cross mute (Ethernet Based)
- Parallel console update
- Paging (2-tone, DTMF, Manual)
- IRR (Instant Call Recorder)
- Line select call with alarm

Special features

- ◆ Ethernet VoIP connection between consoles
- ◆ External PTT
- ◆ External audio input
- ◆ External Aux power input
- ◆ Per Line Recorder Output
- ◆ Field upgradeable software
- ◆ SNTP Based Network Clock Synchronization
- ◆ QOS (Quality of Service) packet marking built in

Microphones and Accessories

- Handset/Headset, (Handset Included)
- Desk Mic (PN MD-MS)
- Footswitch (PN FS-1)
- Wall mount kit (PN WMK1)

Specifications

Distortion: 3% maximum at full output

Hum and Noise: 45 db below operating levels

Speaker : 3 in, 8 ohm, heavy-duty

Amplifier Power: 2 W maximum at 3% THD into an 8 ohm load or equivalent

Optional Handset Earpiece Level: Adjustable preset level independent of speaker volume controls

Audio Frequency Response: ± 1.5 db, 300 to 3000 Hz

Operating Temperature Range: 0 to +70 degree C

Power Requirements: 117 Vac, 60Hz, 25W, or 12.0 Vdc at 850mA maximum

Microphone Connection: Handset and Headset are 4-wire, and the Desk microphone is 6-wire

Dimensions: 8in (20.3cm) W x 10in (25.4cm) D x 4.5in (11.4cm) H

Weight: 5 LB (2.3 Kg)

Warranty (Limited)

All Telex Communications, Inc manufactured VEGA signaling products are guaranteed against malfunction due to defects in materials and workmanship for three years, beginning at the date of original purchase. If such a malfunction occurs, the product will be repaired or replaced (at our option) without charge during the three-year period, if delivered to the Telex factory. Warranty does not extend to damage due to improper repairs, finish or appearance items, or malfunction due to abuse or operation under other than the specified conditions, nor does it extend to incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives the customer specific legal rights, and there may be other rights which vary from state to state.

Specifications are subject to change without notice.



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