

Model C-6200



VoIP Radio/Telephone Crosspatch Control

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

The C-6200 is a multi-line full-featured desktop control console designed with VoIP Technology for use with conventional radio systems. The C-6200 is a self-contained DSP-based console that does not require CEB or under-the-desk CPU equipment.

The C-6200 can be easily connected to any internal Ethernet network by connecting a standard 10/100 baseTX cable to the back of the unit and assigning it an address, thus allowing for an unlimited number of C-6200 consoles to have full control and functionality over the system.

To program the C-6200 console you simply connect to the Ethernet port on the back of the console and use your favorite Web Browser on your computer.

The C-6200 console is module designed and will accommodate up to eighteen dedicated radio circuits. You may order the

C-6200 with no line cards and simply use the Ethernet port. If you are utilizing dedicated leased circuits, add line cards (up to nine) as your system continues to develop. Each line card consists of two lines.

The tone control line card can be configured as a dedicated two- or four-wire radio circuit or local control. Any number of consoles can be put in parallel without loading the lines even if you are not able to utilize the Ethernet port.

A telephone interface card is also available allowing dial-up access compatible with the Vega C-550/RP-251 control systems or a full duplex conventional PSTN telephone circuit.

The C-6200 console can accommodate up to three multiple concurrent crosspatch groups. Each patch can involve more than two lines, either radio or telephone. The operator can communicate with the crosspatch groups or op-

erate on the other channels.

Its four-line Liquid Crystal Display provides channel alpha/numeric indication and features a 12/24-hour clock and audio-level display.

The C-6200 comes with many standard features such as F1-F16 function tones, Alert tones, TX-ALL, RX-ALL, DTMF Keypad, Auxiliary buttons, RX and TX Block, Parallel update, Select Call, Paging, Instant call recorder, ANI display, Group select and VoIP connection.

It's housed in an attractive durable metal enclosure measuring 9.75 in H x 11.75 in D x 18 in W.

The C-6200 console is compatible with Motorola, M/A Com and other tone-remote control systems employing the industry-standard high-level guard sequential tone-control format. Used with our 223 series tone remote adapters, it satisfies all your needs and requirements for controlling your remote base stations.



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Front panel controls

- Monitor, Intercom, PTT
- Alert tones up to four
- Crosspatch up to three groups
- Group Select, three pre-determined groups
- Supervisory control
- 16 digit DTMF keypad
- Volume controls
- Parallel TX LED detect
- Frequency Selection
- Instant PTT
- Auxiliary up to four buttons
- Four programmable buttons
- Page

Features

- Programmable Single or Dual function tones
- Sixteen frequency control
- 2- or 4-wire (field Programmable), local and E&M
- Simplex/full duplex (field Programmable)
- Programmable squelch control
- Cross mute (hardware)
- Parallel console update
- ANI decode display (DTMF-MDC1200-FLEETSYNC)
- Paging (Multiple formats)
- IRR (Instant Call Recorder)
- Voter Steering
- Line select call with alarm

Special features

- Ethernet VoIP connection between consoles
- External PTT
- External audio input
- External DC power input
- External speaker and recorder outputs
- Field upgradeable software

Microphones and Accessories

- Handset/Headset
- Gooseneck Mic
- Desk Mic
- Footswitch

Specifications

Line input and output impedance:

Two-Wire: 600, or 10K ohms, jumper selectable transformer isolated

Four-Wire TX Line: 600, or 1 Meg ohm, jumper selectable, transformer isolated

Four-Wire RX Line: 600 or 10K ohm jumper selectable, transformer isolated

Local Control keying: Relay rated at 1A at 125Vac

Line Input Level: -40 dBm to +10 dBm, adjustable

Line Output Level: -20 dBm to +10 dBm into a 600-ohm line, adjustable (high-level guard tone only)

Distortion: 3% maximum at full output

Hum and Noise: 50 db below operating levels

Speaker (two): 3 in, 8 ohm, heavy-duty

Amplifier Power: 5 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, except at the transmit tone notch frequency

Tone Frequencies: PTT/guard 2175Hz or 2300Hz, other PTT tones supported: 2100, 2155, 2325, 2600, 2800, and 2970. The monitor and frequency function tones are programmable from 400Hz, to 3000Hz up to 100 combinations, Accuracy ± 1 Hz

Operating Temperature Range: 0 to +70 degree C

Power Requirements: 117 Vac, 60Hz, 25W, or 12.0 Vdc at 5 A maximum

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

Dimensions: 9.75 in (24.8cm) W x 11.75 in (29.8cm) D x 18 in (45.7cm) W

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.