TELEX® Communications, Inc.

|||||VEGA|||||® Signaling Products

Price List

Effective April 1, 2003

> ### Represented by:

The C-6200 VoIP dispatch console is a multi-line full featured desktop console compatible with conventional radio system using the industry standard sequential high level guard tone formats such as Motorola or M/A Com tone-remote consoles, and Vega C-2000, C-2002, C-1610, C-1616, and C-6124 Series tone-remote consoles and 223 series radio tone adapters.

C-6200 VoIP dispatch Console and IP-223 adapter panel		_List Price_
C-6200	The C-6200 VoIP console will accommodate up to eighteen (2 or 4-wire) radio circuits. The C-6200 is programmed via the Ethernet port on the back of the console using your Web Browser on your computer. Programming cable is included with purchase.	6,000.00
	NOTE: Line cards are not included (see pricing below)	
6200-TCRD	Dual line card for the C-6200 console	450.00
C-soft-6	Software console for control of six channels	1,659.00
C-soft-12	Software console for control of twelve channels	2,159.00
C-soft-18	Software console for control of eighteen channels	2,659.00
IP-223	Dual IP remote adapter panel	1,500.00
223RACK	Shelf for mounting the IP-223 into a 19 inch rack application (supports two IP-223)	67.00
249-0248	Handset option for IP-223 (no Hookswitch or cradle required)	50.00
Note:	**A microphone is not included with the above pricing please select a microphone from the list below**	
GNM-18	Gooseneck microphone	215.00
MD-MS«	Desk microphone	150.00
HS-4	Handset with cradle	209.00
HE-2«	Lightweight, operator-style headset with PTT switch and HB-2 adapter	767.00
HB-2	Adapter (dual ¼ inch to modular) box for headset (not included), with volume control and supervisory jack	316.00
FS-1«	Footswitch	99.00

The following DSP-223, TRA-223 and 1223C radio tone adapters are compatible with industry standard sequential high level guard tone formats such as Motorola or M/A Com tone-remote consoles, and all Vega Series tone-remote consoles.

DSP-223 and TRA-223 Tone-Remote Station Adapters   List Price

DSP223	The DSP-223 is a (digital signal processor based) encased tone remote station panel with PTT, Monitor, F1-F99. Requires a programming kit and cable assembly (see below)	577.00
DSP223PRG	Programming Kit for the DSP-223 adapter panel consists of a software diskette and a cable interface.	50.00
TRA223	The TRA-223 tone adapter provides PTT and monitor function only, on one operating frequency.	375.00
249-0248	Handset option (no Hookswitch or cradle required)	50.00
223RACK	Shelf for mounting the DSP-223 / TRA-223 into a 19 inch rack application (supports two DSP-223 / TRA-223)	67.00
730149	Power Supply for DSP-223 / TRA-223 adapter panel	25.00
TO-23	Transformer for 600-ohm balanced transmit and receive audio to and from the radio. Used only on the TRA-223 and 1223C, not required for DSP-223	57.00

1223 Tone-Remote Station Adapter   List Price

The basic 1223C board provides PTT and monitor function only, on one operating frequency. A Model 1224 board is added to the 1223C for every four frequencies

1223C	PC board (no panel); PTT/monitor only; 2-wire (half-duplex) or 4-wire (half-duplex or full-duplex)	434.00
1224	Four-frequency expansion PC board	464.00

Optional:

LPO-23	Lightning-protector option for 1223C	57.00
TO-23	Transformer option for 600-ohm balanced transmit and receive audio to and from radio. Used only on the TRA-223 and 1223C, not required for DSP-223	57.00

DC Adapters   List Price

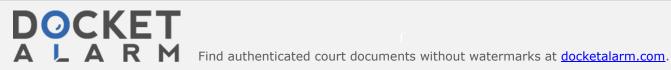|		
RA-230A	Active unencased single-frequency dc-remote station adapter with bi-directional amplification and solid-state sensing. Accepts +6 mA or +9 mA to +15 mA PTT current levels, and -2.5 mA or -6 mA monitor current levels	294.00
RA-231A	Active unencased two-frequency/PTT/monitor dc-remote station adapter with bi-directional amplification and solid-state sensing. Programmable. Accommodates virtually all dc current programming formats.	354.00

2000 Series Tone-Remote Control Radio Consoles

		List Price
C-2000 HS	Handset, single-line tone-remote console. Includes two-way compression, intercom, PTT, monitor, F1-F99 select, and notch filter. 2- or 4-wire and with local control relay closure. Generates industry-standard sequential tone format. Compatible with 223 series station panels The C-2000 is also programmable to generate the 2300-Hz PTT with no function tone, for use in air-transportation industry.	593.00
C-2000	Dispatcher-style version of C-2000 HS, includes a panel microphone, **Note: does not include the optional desktop-microphone**	558.00
C-2000 SF	Single Frequency Telephone console used in emergency services ring down circuit applications	1,119.00
C-2002 HS	Handset, two-line tone-remote console. Includes two-way compression, intercom, PTT, monitor, F1-F99 select, and notch filter. 2- or 4-wire and with local control relay closure. Generates industry-standard sequential tone format. Compatible with 223 series station panels The C-2002 is also programmable to generate the 2300-Hz PTT with no function tone, for use in air-transportation industry.	1,161.00
C-2002	Dispatcher-style version of C-2002 HS, includes a panel microphone, **Note: does not include the optional desktop-microphone.**	1,117.00
0101235	Wall mount kit for C-2000 and C-2002 console	42.00

C-1616 Series Tone-Remote Radio Control Consoles

		List Price
C-1616-2	Compact desktop dispatcher-style two-line/sixteen-frequency tone-remote console with line-activity monitor and two volume controls for selected and summed unselected audio.	1,662.00
C-1616-4	Same as above, but with four-lines	2,054.00
C-1616-6	Same as above, but with six-lines	2,423.00
C-1616-2R	Two-line 19 inch rack mount console	2,998.00
C-1616-4R	Four-line 19 inch rack mount console	3,357.00
C-1616-6R	Six-line 19 inch rack mount console	3,716.00
C-1610-CARD	Dual tone line module for upgrading a C-1610 and C-1616-2 / 4 console. The DTLM allows for additional two lines.	359.00

A microphone is not included in the above pricing; please select a microphone from the list below.

MD-MS«	Desktop Microphone option for both C-2000 and C-1610/C-1616 Console	150.00
FS-1«	Footswitch Option for both C-2000 and C-1610/C-1616 console	99.00
HB-2	Adapter (dual 1/4-inch to modular) box for headset (not included), with volume control and supervisory monitor jack	316.00
HE-2	Lightweight, operator-style headset with PTT switch and HB-2 adapter	767.00
HS-4	Handset with cradle (used on the C-1610/C-1616 desktop console)	209.00
MG-3«	Gooseneck microphone (used on C-1610/C-1616 desktop console)	142.00
EGM-40Q«	Gooseneck microphone for the C-1610R/C-1616R Rack mount console	292.00
760149«	Replacement Power supply for C-2000	25.00
730153«	Replacement Power supply for C-1610/C-1616	42.00

500 Series Dial-Up Remote Console and Panel $\hspace{2cm}$ *List Price*

C-550	Dial-up remote control console. Uses special secure tone format to control RP-251 remote station panel over US public switched telephone network	900.00
RP-251	Dial-up remote station panel with up to 99 addresses and remote programming capability. Controlled by C-550 console over US public switched telephone network	984.00
DTMF-12«	12-button DTMF-pad encoder for C-550 console (installed)	372.00
DTMF-12M«	12-button DTMF-pad encoder with 25 memories for C-550 console (installed)	665.00

« indicates non-Vega-manufactured product; original manufacturer's warranty will apply.

330 Tone Notch Filter $\hspace{2cm}$ *List Price*

330	Tone notch filter (Standard frequency of 2175HZ)	162.00
330	**NON STANDARD** Tone notch filter (specify frequency)	210.00

200 Series Cards and Cages $\hspace{2cm}$ *List Price*

211-PS	19-inch rack-mounting frame with front cover and 115-V_{ac} power supply. Holds up to 10 plug-in assemblies and 10 TB-10 terminal blocks. Sockets, terminal blocks, and wiring not included	521.00
211	Same as 211-PS without power supply	277.00
211-COV	Top or bottom cover for 211 Series panel	42.00
P-217	Compact case. Holds two plug-in assemblies and one TB-10 terminal block. Sockets, terminal block, and wiring not included	104.00
P-218	19-inch rack mounting enclosed case. Only 1.75 in high. Holds three plug-in assemblies and three TB-10 terminal blocks. Sockets, terminal blocks, and wiring not included	210.00
TB-10	10-position terminal-block kit for 211, P-217, and P-218, with hardware	13.00
JK-22	22-pin connector kit for 211, P-217, and P-218; includes 2 guides	33.00
JK-44	44-pin connector kit for 211, P-217, and P-218; includes 2 guides	37.00
X-165	Extender card for 211 Series panel	107.00
D-342C	Tone decoder with notch filter, adjustable on- and off-delay times, transformer input, and JK-22 connector kit; 2175 Hz stock frequency	316.00†
L-351	Four-wire to four-wire dual transformer card; includes JK-22 connector kit	134.00
353	Two-wire to four-wire single hybrid card; includes JK-22 connector kit	209.00
360A	Universal mounting card for small modules. Provides plug-in compatibility to 211 panel. Includes JK-22 connector kit	72.00

L-368	Dual version of L-351; includes four transformers and JK-22 connector kit	185.00
A-508	Summing line-driver amplifier for use with E-509; includes JK-22 connector kit	244.00
E-509	Sequential tone generator card. Provides Motorola/M/A /Com tone-remote control format. Includes JK-22 connector kit	429.00
754A	Relay module; provides four relay outputs (DPDT) and four open-collector outputs. Includes JK-44 connector kit	252.00
AD-756	DTMF message decoder; 1-5 digits; includes JK-22 connector kit	342.00†
759	Blank card for custom circuits (has solder pads for installing components). Includes JK-44 connector kit	99.00
† Next to price indicates programming or tuning charge		5.00

Wiring Charges

211 Cards and panels prices do not include wiring charges.

"Telco" Type Panels and Accessories   *List Price*

1211	19-inch L x 6-inch H rack mounting "telco" type frame, similar to (or same as) Tellabs Type 10 or Dantel or Wescom Type 400 panel. Holds up to 12 plug-in assemblies. Includes 12 wire wrap sockets. Wiring not included.	665.00
1211RP	Same as above except a panel is hinged to the back of the 1211. The panel comes with one wire wrap terminal strip, but will accommodate up to ten-wire wrap terminal strips for ease in connections. Wiring not included	1,127.00
477-0101	Wire wrap terminal strip	18.00
X-1211	Extender card for the 1211 panel	374.00
0101236	Back plane PC assembly for the model 1505 cards, brings three of the connector inputs and outputs into one Centronics 25 pair connector.	125.00

System Modules for "Telco" Type 10 or Type 400 Panels   List Price

NOTE: The following modules plug into "telco" type card shelves, such as the Vega Model 1211, Tellabs Type 10, or Dantel or Wescom Type 400. Connectors are typically preinstalled in the card shelf and, therefore, are not included with modules. Typical operating voltages are +11 V_{dc} to +16 V_{dc}.

1505	Audio mixer/line driver.	850.00
1509	Sequential tone generator card. Provides Motorola/M/A Com tone- remote control format. Frequencies F-1 through F12, settable to sequence two function tones if required.	668.00
1690	Audio processor module (similar to console functions).	1,052.00
1756	Octal relay module. Eight 2PDT relays with active control circuitry. Front-panel indication of activated relays.	304.00
1360	Universal mounting card for Type 10 chassis	282.00

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