

## C-1616



<b>Power Requirements</b>	+12VDC at 2A maximum
<b>Audio Distortion</b>	3% THD maximum at full compression
<b>Audio Frequency Response</b>	+1/-3dB, 300 to 3000Hz, except at the transmit tone notch frequency
<b>Hum and Noise</b>	50dB below operating levels
<b>Speaker (one)</b>	1.5" x 3" Oval, 8 Ohm
<b>Tone Frequencies</b>	PTT/Guard 2175Hz or 2300Hz. Monitor and frequency function tones are programmable from 400 to 3000Hz, accuracy to 61Hz
<b>Amplifier Power</b>	5W maximum at 3% THD into an 8 Ohm load or equivalent.
<b>Sequential Tone Input/Output Impedance</b>	2-wire: 600, 1200, 1800, and 2400 Ohm, jumper selectable, transformer isolated.  4-wire TX Line: 600, 1200, 1800, and 2400 Ohm, jumper selectable, transformer isolated.  4-wire RX Line: 600 Ohm or 10K Ohm, jumper selectable, transformer isolated.
<b>Input/Output Levels</b>	Line Input Level : -40dBm to +10dB  Line Output Level: -20dBm to +10dBm into a 600 Ohm line, adjustable (high-level guard tone only)
<b>Audio Compression</b>	Less than 3dB change in output level for a 25dB change in input above threshold
<b>Earpiece Level (Optional Handset)</b>	Adjustable independent of speaker volume controls
<b>Microphone Connection</b>	4-wire: Handset, 6-wire desk mic and gooseneck
<b>Operating Temperature</b>	0° to 50°C (32° to 122°F)
<b>Dimensions</b>	10" W (25.4cm) x 9" D (22.9cm) x 5.5" H (14cm)
<b>Weight</b>	6.6lbs (2.95kg)