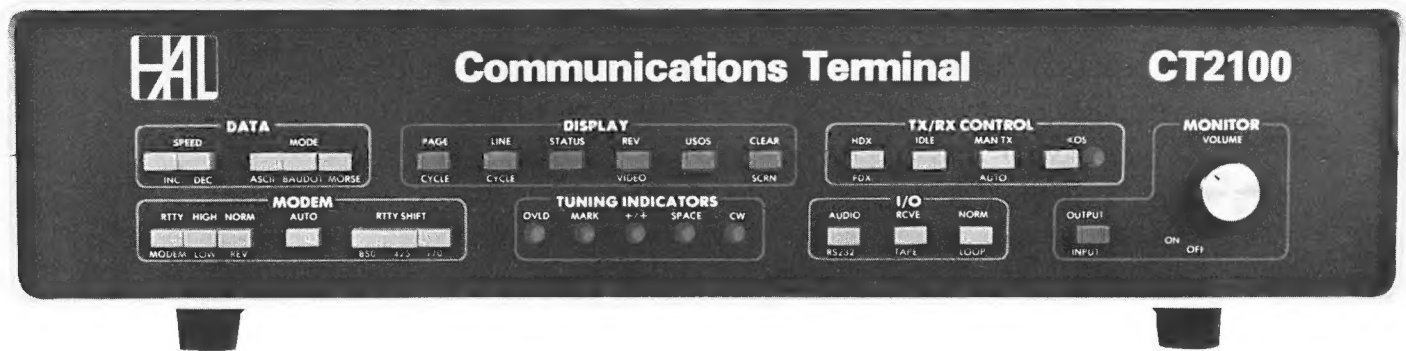




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CT2100



COMMUNICATIONS TERMINAL

The CT 2100 is an electronic communications terminal designed for reception of Baudot and ASCII Radio Teleprinter (RTTY) signals as well as Morse code signals. With its companion keyboard, the KB2100, and a video monitor, the CT2100 becomes a complete transmit and receive data terminal. A total of *five* data demodulator combinations are available in the CT2100 including a CW demodulator, both high and low tone RTTY demodulators, and two standard modem tone sets for ASCII and computer use. All demodulator sections use the high-performance circuitry for which HAL demodulators are well known. The display of the CT2100 is organized in 24-line pages that can be either 48 - 72-character lines or 96 - 36-character lines for extra large characters. The display features "Smooth Scroll" of the lines rather than a vertical jump when lines of text are moved on the screen. This is a new HAL development, being introduced in the CT2100. The video display is normally white characters on a dark screen background, but may be reversed with a front panel switch to present black characters on a screen background. The CT2100 has been specifically designed so that it may be used either as a receive-only device or as a no-compromise KSR terminal with the KB2100 keyboard. All CT2100 controls are push buttons on the front panel. There are no confusing keyboard multi-key combinations to remember. The KB2100 keyboard is small and light and attaches to the CT2100 with a flexible coil cord, making it ideal for comfortable, lap-held use. Since the CT2100 is separate, it may be placed on a shelf or rack mounted, and only the keyboard need take up limited operating table surface. With the addition of the KB2100 keyboard, split screen transmit-receive operation is available so that transmit text may be composed while receiving. The CT2100 transmits in word mode if half duplex is selected or continuous mode if full duplex is selected. Split-screen operation may be defeated so that all lines are devoted to receiving. A status line may be front-panel selected to show current terminal operating conditions on the top line of the display. The CT2100 will also interface to a wide variety of external equipment through transmit and receive audio connections, tape recorder audio connections, and loop or RS232 data connections. Tuning is facilitated through 6 LEDs on the front panel and a video tuning indicator on the status line. The CT2100 rear panel is set up for fast and simple installation. All connectors except the KB2100 connection are standard phono connectors and are clearly labeled as to function. From its attractive appearance to its extreme versatility, the CT2100 is clearly the new wave in communications terminals.

