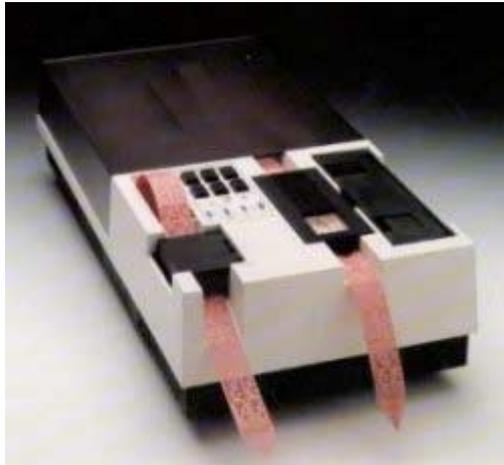




GNT 4601

READER/PUNCHER STATION



GENERAL DESCRIPTION

The GNT 4601 is the ideal paper tape reader/puncher combination. It handles serial data at 110, 300, 600, 1200 baud (choose any 3 from the top panel), and all input/output corresponds to RS232C/V24 specifications. The GNT 4601 placed in line between the data terminal equipment (DTE) and the data circuit termination equipment (DCE) gives the possibility of operating in local, full-duplex or half-duplex mode. In half-duplex or full-duplex mode the reader can send either to DTE, DCE or both, and the punch provides hard copies of incoming data. In local mode, GNT 4601 communicates with the DTE, and complete editing facilities are available; character at a time, line at a time, backspace and skip. In local mode the punch provides a hard copy of the data received from either DTE or reader. In addition, the GNT 4601 features remote control, choice of data codes, CR/LF delay and a wide range of customer controlled programming possibilities such as parity check, skip, deletes, etc. These are easily set by a DIP switch accessible through an aperture in the base. Both reader and punch are controlled by microprocessor electronics.

READER

The reader is sprocket driven and utilizes opto-electronics with a reading speed up to 400 char/s. The built in tape container handles programs up to 8K bytes. For larger programs a supply reel is available as an option.



PUNCH

GNT 4601 utilizes the highly reliable GNT 36 punch mechanism. The tape dispenser handles an 8" roll, maintains proper tape tension and signals taut and tape out.

Punching speed is up to 75 char/s.

SLIDE SWITCHES

DC CODES: Remote control of reader and punch can be selected.

CR DELAY: A delay after carriage return and line feed can be inserted.

MODE: Either local (LOC), half-duplex (HDX) or full-duplex (FDX) can be chosen.

SPEED: Low (LOW), Medium (MED) or High (HIGH), can be selected.

PUSH BUTTONS

READER: Turns the reader on/off.

PUNCH: Turns the punch on or off.

LEADER: A leader is generated - either all channels or feed holes according to the DIP switch programming.

EDIT: A momentary activation reads one character. A longer activation gives continuous reading until a CR is read, or the button is released.

SKIP: In conjunction with edit, the characters read will not be punched.

BACKSPACE: Back one character. Note that edit, skip, and backspace are only enabled with READER off and the R/P in local mode.



TECHNICAL SPECIFICATIONS

DIMENSIONS:	(Details)
Height	125mm
Width	246mm
Length	477mm
Weight	6Kg
ENVIRONMENT	(Temperature)
Ambient operating	+5 to +40°c
Ambient storage	-25°c to +70°c
Humidity	19% to 95% (RH)
A.C. SUPPLY	(Details)
Available	90v to 127v
Power	180v to 254v
Frequency	48Hz to 63Hz
TAPE	(Details)
Material	Any with transparency of 50%
Width	1" (25,4 mm),8-unit
Thickness	0,005-0,12mm