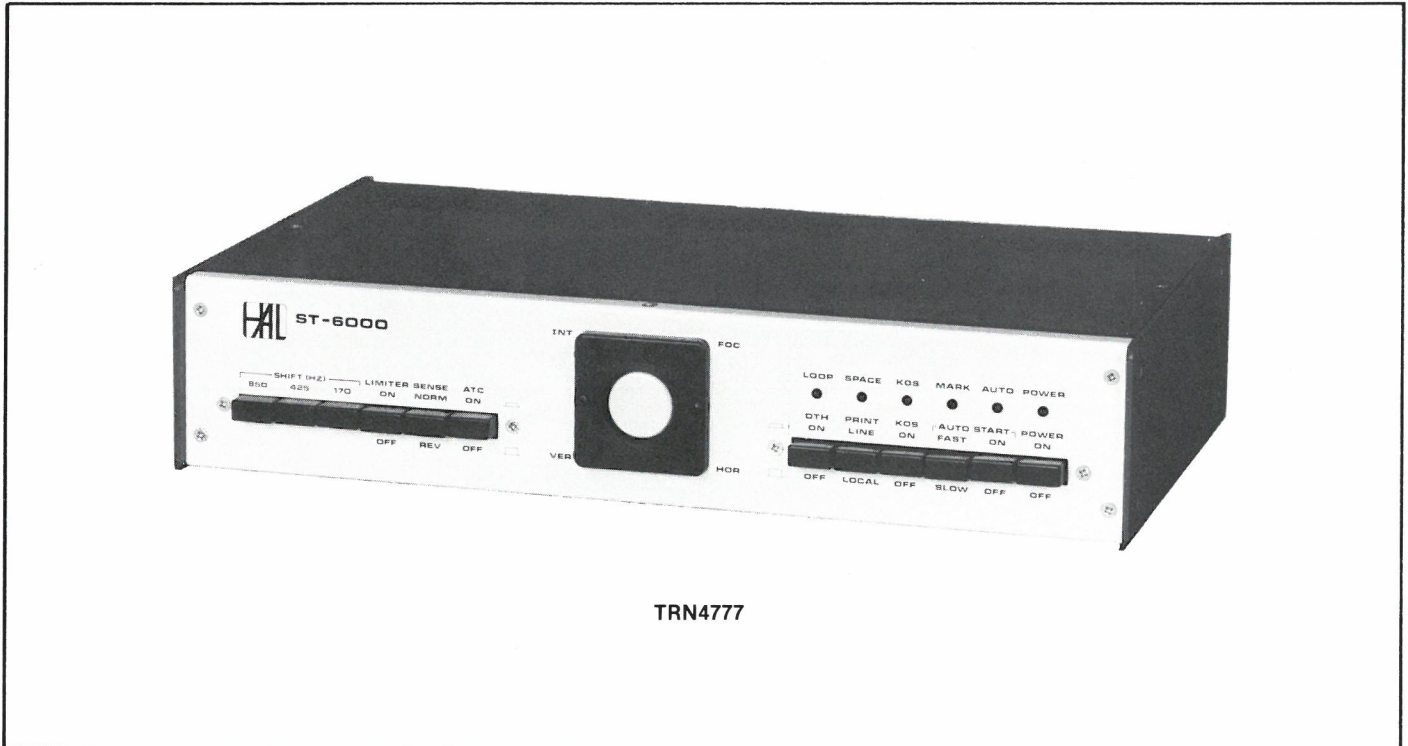




MICOM HF-SSB RTTY Keyer/Converter

115/230V AC
50/60 Hz



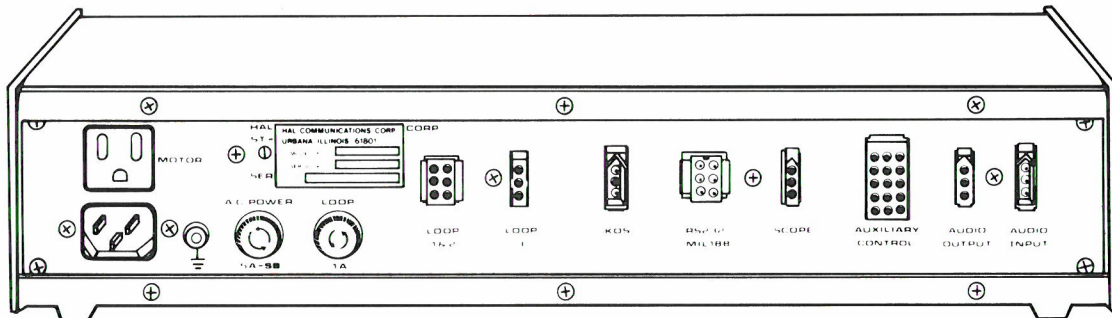
TRN4777

Feature	Description	Benefits
Fully Automatic Operation	Both receive and transmit functions are automatically processed to and from the teleprinter.	Convenient operator control of the teletype circuit.
Versatile	Rear panel mounted input and output connections to allow for interface with a wide variety of data handling equipment.	Maximum flexibility in system design and operation. Provides interface to current loop, RS232C, MIL-STD 188C, and CMOS digital logic.
High Stability Operation	Crystal controlled keyer tones vary less than $\pm .05\%$.	High level stability insures clear, readable teleprinter messages.
Built-in Loop Current Generator	Provides 60 ma current for the external teleprinter circuit.	Maximum flexibility in interfacing with a wide variety of data handling equipment. Eliminates the need for an external loop source.
Reliable	Solid state design with proven field tested dependability.	High quality, dependable RTTY performance with minimal maintenance.

MICOM HF-SSB RTTY Keyer/Converter

General Specification

Model:	TRN4777		
Frequency Shift: (front panel selectable)	850 Hz	425 Hz	170 Hz
Mark Frequency:	1650 Hz		
Space Frequency:	2500 Hz	2075 Hz	1820 Hz
Operating Speed:	Up to 110 Baud		
Input Power:	115/230V ac-50/60 Hz-20 watts		
Weight:	5.45 kg (12 lbs)		
Dimensions:	8.9 cm x 22.8 cm x 43.2 cm 3.5" H x 9" D x 17" W		
Converter Specification			
Input Impedence:	500 ohms, balanced		
Output Signals	60ma @ 175V dc loop or RS232C		
Autostart Response Time:	Selectable-slow 3.5 sec., fast 1.5 sec.		
Printer Motor Dropout Time:	20 seconds ± 10 seconds.		
Tuning Indicator:	1" C.R.T.		
Keyer Specifications			
Input Signal:	EIA RS232C levels, loop current, CMOS Digital Logic, MIL STD 188C		
Output Signal:	Levels:	- 40 dBm to 0 dBm	
	Impedence:	500 ohms, balanced	
	Distortion:	Less than - 40 dB for all harmonics	
Stability:	± .05%, crystal controlled		



Support Services

Wherever Motorola sells, our product is backed by service. In the U.S., we have 900 authorized or company-owned centers. In addition, our products are serviced throughout the world by a wide network of company or authorized independent distributor service organizations.



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