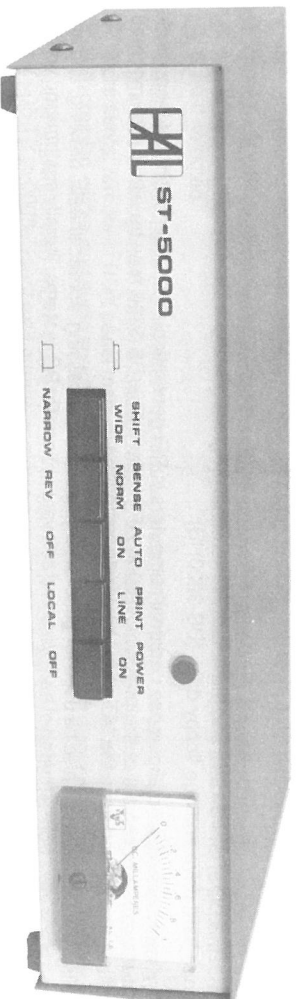


*High performance RTTY demodulator at a very low price.*  
**ST-5000**



The HAL ST-5000 Demodulator provides reliable RTTY performance on both HF and VHF bands. A hard limiting front end, active discriminator, and active detector make this unit a big value. Standard features include 170 and 850 Hz shifts, normal or reverse sense, autostart, built-in loop supply, an audio tone keyer, and RS-232 input and output for connection to computer I/O ports. The ST-5000 is available in either standard 2125 Hz MARK (High Tone) or 1275 Hz MARK (Low Tone) versions.

**Specifications**

- Audio Input:** 600 Ohm nominal receiver audio
- Data Input/Output:** Serial data; 60 ma, 175 VDC loop, or RS-232 low level
- Other Signals:** Scope outputs for tuning oscilloscope; printer motor power output; remote standby line
- Tuning Indicator:** Front panel meter
- Tone Keyer Output:** Internally adjustable output level; 600 Ohm; Tone keyer is set for the same tone pairs as the demodulator
- Physical:** Tan and brown cabinet; Size 2.75"H x 8"D x 12"W (7.0 x 20.3 x 30.5 cm); Weight 6.0 lb net, 9.0 lb shipping; 105-125 VAC or 210-250 VAC, 50-60 Hz, 20 watts