

# KENNEDY CO.

WORLD'S LEADER IN LOW-COST DIGITAL RECORDERS

The Kennedy Model 1200 combines high-reliability and low-current drain in an incremental magnetic recorder which produces tapes in an IBM-compatible format.

Incremental movement is obtained by use of a stepper motor having a strong permanent magnetic detent. During standby no power is supplied to the stepper or tension motors. Friction in the gears of the latter, and magnetic detenting of the former, prevent tape motion.

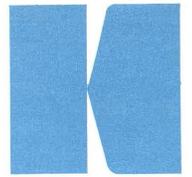
Low-current drain electronics especially developed by the Kennedy Company for the Model 1200, require power only while tape is actually being moved.

Parity and gap generation electronics utilizing low-drain techniques are available as extra options.

Standby current required by the Model 1200 is less than 6 microamperes at an operating temperature of +55°C (transistor leakage only).

The Model 1200 is supplied with 7-inch reels capable of holding 600' of ½", 1.5 mil computer grade tape. It is uniquely suited for use in remote data acquisition systems where unattended operation demands low-power consumption.

Its small compact size allows inclusion in almost any system packaging concept.



INCREMENTAL SERIES

## MODEL 1200 Battery-operated incremental recorder



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540 West Woodbury Road, Altadena, California 91001 • (213) 798-0953  
TWX 910-588-3751

## SPECIFICATIONS: MODEL 1200

<b>Stepping Rate:</b>	0—50 steps per second
<b>Character Density:</b>	200 BPI
<b>Reel Size:</b>	7 inch, 600' of ½", 1.5 mil tape
<b>Information Capacity (without gaps):</b>	1,440,000 characters
<b>Record Mode:</b>	IBM compatible NRZ1
<b>Number of Channels:</b>	Seven
<b>Parity Generation:</b>	Optional
<b>End of Record Generation:</b>	Optional
<b>End of File Generation:</b>	Optional
<b>Rewind Speed:</b>	15 ips nominal
<b>Weight:</b>	20 pounds
<b>Power Requirements:</b>	+12V nominal, +11V to +14V acceptable. Peak current capability 2 amps. 8.0 ampere hours per reel with +12V supply.
<b>Operating Temperature:</b>	0°C. to +55°C.
<b>Humidity:</b>	15% to 95% non-condensing
<b>Standby Current:</b>	6 microamperes (max.) at +55°C. 0.5 microamperes (max.) at 0°C.
<b>Dimensions:</b>	10½" H x 15" W x 8½" D