

The Model 2218 Dual Tape Cassette Drive permits accurate recording on tape or retrieval of information from tape using the flexibility of BASIC language. Each cassette on the dual drive is equivalent to one Model 2217 Single Tape Cassette Drive. The Model 2218 is, however, more compact and inexpensive than two separate units. A single controller card in the CPU contains two device addresses, as opposed to one controller card with one device address for the Model 2217, thereby leaving space for an additional WANG peripheral.

All tapes are dual recorded to insure dependability of recording, and are automatically formatted into records of 256 bytes. A concentrated ratio of information stored per inch of tape allows a fast tape read time. Each tape can add 78K bytes of storage to the System 2200. Also each tape is programmed independently.

Programs can be recorded onto tape with or without eight character alphanumeric names and can be protected from listing or duplication. The Dual Tape Cassette Drive facilitates the chaining of programs, data file updating, and sorting (that is, alphabetizing and numerical ordering of data).

A General Utility Package is available with the Model 2218 (see the System 2200 Programming Tools Manual). It supplies a variety of tape manipulations for the user. One such utility is the "Compressor Program" (System 2200B only) which, by removing spaces and nonessential program steps, reduces the core storage requirement of a program. Any tape recorded on the Model 2217 can be used, without modification, on the Model 2218.



# 2218

DUAL TAPE CASSETTE DRIVE

# DATA SHEET

## SPECIFICATIONS

**Stop/Start Time**  
.09/.05 sec

**Capacity\***  
522 bytes/ft (1712 bytes/m)

**Recording Speed**  
7.5 in./sec (19.04 cm/sec)

**Storage (1 tape)**  
78,000 bytes (for 150 ft tape)

**Search Speed**  
7.5 in./sec (19.04 cm/sec)

**Rewind Speed**  
90 in./sec (avg)

**Transfer Speed\***  
326 char/sec

**Inter-Record Gap**  
0.6 in. (1.52 cm)

**Size**

Height . . . . .	7 in. (17.8 cm)
Width . . . . .	14 in. (35.6 cm)
Depth . . . . .	16 in. (40.6 cm)

**Weight**  
38 lbs (83.6 kg)

**Operating Environment**  
50° F to 90° F (10° C to 32° C)  
40% to 60% relative humidity

**Power Requirements**  
115 VAC ± 10%, 60 Hz ± ½ cycle  
230 VAC ± 10%, 50 Hz ± ½ cycle

*Standard Warranty Applies.*

## ORDERING SPECIFICATIONS

A Dual Tape Cassette Drive capable of storing and recalling data and program information for the WANG System 2200 Central Processing Unit. The tape drive must be able to drive two cassettes holding 150 feet of magnetic tape on each of which can be recorded approximately 78K bytes (a total of 156 bytes) and transfer at an effective rate of 326 bytes/sec including all gaps and redundant recording.

\*Capacity and transfer rates include gaps and redundant recording.

*Wang Laboratories reserves the right to change specifications without prior notice.*



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