



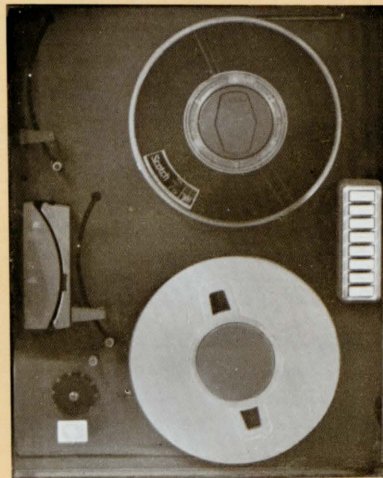
SYSTEMS INCORPORATED

# The Xebec MTU Controller

Xebec's MTU Controller is one of the most versatile on the market today.

It is designed to handle up to four 7- or 9-track magnetic tape drives. The Controller, used in conjunction with a Xebec computer coupler, provides on-line tape drive control from a variety of small computers. The

Controller is shown here with the Wang drive for reference only. System or controller/couplers can also be supplied for drives manufactured by: Ampex, Cipher, Kennedy, PEC and Precision Instrument. Contact your sales representative for prices.





## Magnetic Tape Unit Configuration Required

### NUMBER OF CHANNELS

7- or 9-track

### HEAD

Either read/write or read after write.

### DENSITY

7-track: 200,556 BPI, or  
200,800 BPI, or  
556,800 BPI

9-track: 800 BPI

### TAPE SPEED

Any single speed 2 ips to 37.5 ips

## Controller Features

### MACHINE INSTRUCTION

Read One Record Forward  
Read One Record Reverse  
Space N Records Forward  
Space N Records Reverse  
Space N Files Forward  
Space to Next End of File Reverse  
Write One Record Forward  
Write End of File Forward  
Erase 3" of Tape Forward  
Unload  
Read Record Length Counter

### MACHINE INSTRUCTION MODIFIERS

High/Low Density  
Even/Odd Density  
Unit Select

### STATUS RETURNS

Unit Busy  
Unit Operational  
Unit Rewinding  
End of File Detected

Unit at BOT

Unit Detected EOT During Read, Write, or

Search Forward

Programming Error

Write Protect Error

Vertical Parity Error

LRCC Error

CRCC Error

Record Exceeds Range Count

### INTERRUPTS

Interrupt requests are generated under the following circumstances:

Normal Completion of Operation

Write Protect Error

Programming Error

BOT Encountered During Read, Space, or

Search Reverse

Unit Not Operational

### WORD PACKING/UNPACKING

Computer Type	7-Track	9-Track
12-Bit	1 Char/Word 2 Char/Word	1 Byte/Word 2 Byte/Word
16-Bit	1 Char/Word 3 Char/Word	1 Byte/Word 2 Byte/Word

### COMPATIBILITY

Write timing and format are compatible with IBM formats for 200, 556, 800 BPI, 7-track or 9-track recording

### PHYSICAL REQUIREMENTS

Height: 5½"

Width: 19"

Depth: 27" — includes room for cable bends

Weight: 20 lbs.

### POWER

120 to 240 V a-c

47 to 63 Hertz

1.5 amp single phase



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