



If the equipment incorporates the CHRONICLES option, it can be telecommanded from a MAR SYSTEM workstation, and automatically record the chronicles sent by telephone line on the System's hard drive.

## TECHNICAL CHARACTERISTICS

### AUDIO INPUTS:

Program inputs: Transformer balanced.  
Input impedance: > 6 kOhms.  
Nominal input level: 0 dBm.  
Four Wire inputs: Transformer balanced.  
Input impedance: > 1KOhm.  
Nominal input level: 0 dBm.

### AUDIO OUTPUTS:

Program outputs: Transformer balanced.  
Nominal output level: 0dBm.  
Four Wire outputs: Transformer balanced.  
Nominal output level: 0 dBm.

### TELEPHONE LINE INTERFACE:

Input/Output: Transformer balanced.  
Impedance: 600 Ohm.  
Nominal input level: -10 dBm.  
Nominal output level: -6.5 dBm.  
\* In multiconference mode, the output level of the telephone line provinent from the other line (nominal output level) is -7.5 dBm.

DESIGNED BY:



## TWO WIRE MODE

BANDWIDTH (not active extensor)  
Telephone line: 300-4.000 Hz +/- 1 dB  
Program output: 300-4.000 Hz +/- 1 dB  
BANDWIDTH (active extensor)  
Telephone line: 50 - 3.750 Hz +/- 1 dB  
Program output: 50 - 3.750 Hz +/- 1 dB  
**Distortion + THDN:** 1 KHz with nominal input and output levels.  
Telephone line: < 0.20%.  
Program output: < 0.15%.  
Absolute noise: TX = >-66 dBm. RX = - 68 dBm.  
Frequency extensor: TX = 250 Hz. RX = - 250 Hz.  
Cross-talk in any case: Lower than absolute noise.

### Supression electrical echo:

One line connected.  
Line impedance: 600 Ohm.  
Signal source: 1 KHz.

### Nominal input and output levels:

Program output level: < -64 dBm typical.  
Two lines connected:  
Line impedance: 600 Ohm.  
Signal source: 1 KHz.

### Nominal input and output levels:

Program output level: < -58 dBm typical.

### Four Wire Mode:

BANDWIDTH ( not active expansor)  
Telephone line: 300-4.000 Hz +/- 1 dB  
Program output: 300-4.000 Hz +/- 1 dB  
BANDWIDTH (active expansor)  
Telephone line: 50 - 3.750 Hz +/- 1 dB  
Program output: 50 - 3.750 Hz +/- 1 dB  
**Distortion + THDN:** 1 KHz with nominal input and output levels.  
Four Wire output: < 0.10%.  
Program output: < 0.10%.  
Absolute noise: TX = < - 66 dBm.  
RX = < - 68 dBm.  
Frequeny extensor: TX = 250 Hz.  
RX = -250 Hz.  
Cross-talk in any case: Lower than absolute noise.

### DIMENSIONS:

19" rack (1 Unit height).  
Width: 482 mm. (19").  
Height: 44.5 mm (1,75").  
Depth: 356 mm. (14").

### AC POWER SUPPLY:

110/220 V. 50 - 60 Hz. 37 VA