The Scully 100 Series, a new professional recorder/reproducer, offers the studio greatly improved performance, substantially lower cost, reduced size and simplified maintenance. Today, most recorders are “factory-loaded” with features, accessories and extras that are already available on studio mixing consoles. The Scully 100 offers a much-needed basic master recorder/reproducer, available with as few (or as many) accessories as are needed.

Improved Performance:
This new Scully series establishes a new standard of performance in over-dubbing or sync modes. Studios will appreciate the absence of switching transients and the ability to go from play to record to sync ... in fact from any mode to any other ... with no measurable performance difference. Sync frequency response identical to reproduction, elimination of drift, and new ease of alignment are just a few of the electronic features of the 100.

Added Features:
• Specially designed record/play head eliminates need for separate playback head and over-dub switching
• Up to 50% less cost due to elimination of redundant components and extra features
• Ease of handling. The 100’s tape transport utilizes HTL (High Threshold Logic) integrated circuit devices. In addition, the 100 is spill proof and provides the operator a much-desired cue mode
• Advanced Maintenance Techniques. Control logic and electronics offer instant plug-in maintenance

Specifications:
Tape Speed: Single speed, 15 ips (30 ips on special request)
Multi-Channel Configurations: 16 Track on 2" Tape, 12 or 8 Track on 1" Tape
Mounting: Custom Floor Console Mount
Tape Transport Controls: Start, Stop (and Cue), Fast Forward, Fast Rewind, Automatic Tape Lifter Defeat
Reel Size: Up to 11 1/4"
Start Time: Play speed in 0.1 second
Timing Accuracy: 99.9%
Rewind Time: Approximately 75 seconds (2,400 ft. Reel)
Flutter & Wow: 0.06% rms, 0.5 to 200 Hz, unweighted (per ASA Z57.1)
Frequency Response: ± 2 db, 35 Hz to 15 KHz
Signal to Noise Ratio: Reference + 10 dbm using 3M 206 or equal: 16 Track (2") 63 db, unweighted (30 Hz to 20 KHz band pass)
Electronic Controls: Record-Sync Mode Selector, Input & Output Level, Record & Sync Playback High Frequency Equalization, and Master Bias Level
Equalization: NAB, 50 microseconds + 3180; CCIR, 35 microseconds
Bias Oscillator Frequency: 100 KHz
Erase Oscillator Frequency: 100 KHz
Sync/Playback Output: + 4 dbm from Balance or Floating Unbalanced Line of 15 to infinite Ohms impedance
Input Impedence: 10 K
Output Impedence: Less than 100 Ohms
Remote Controls: All except Power On-Off
Power Requirements: 115 Vac, 50 or 60 Hz, 1000 Watts

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