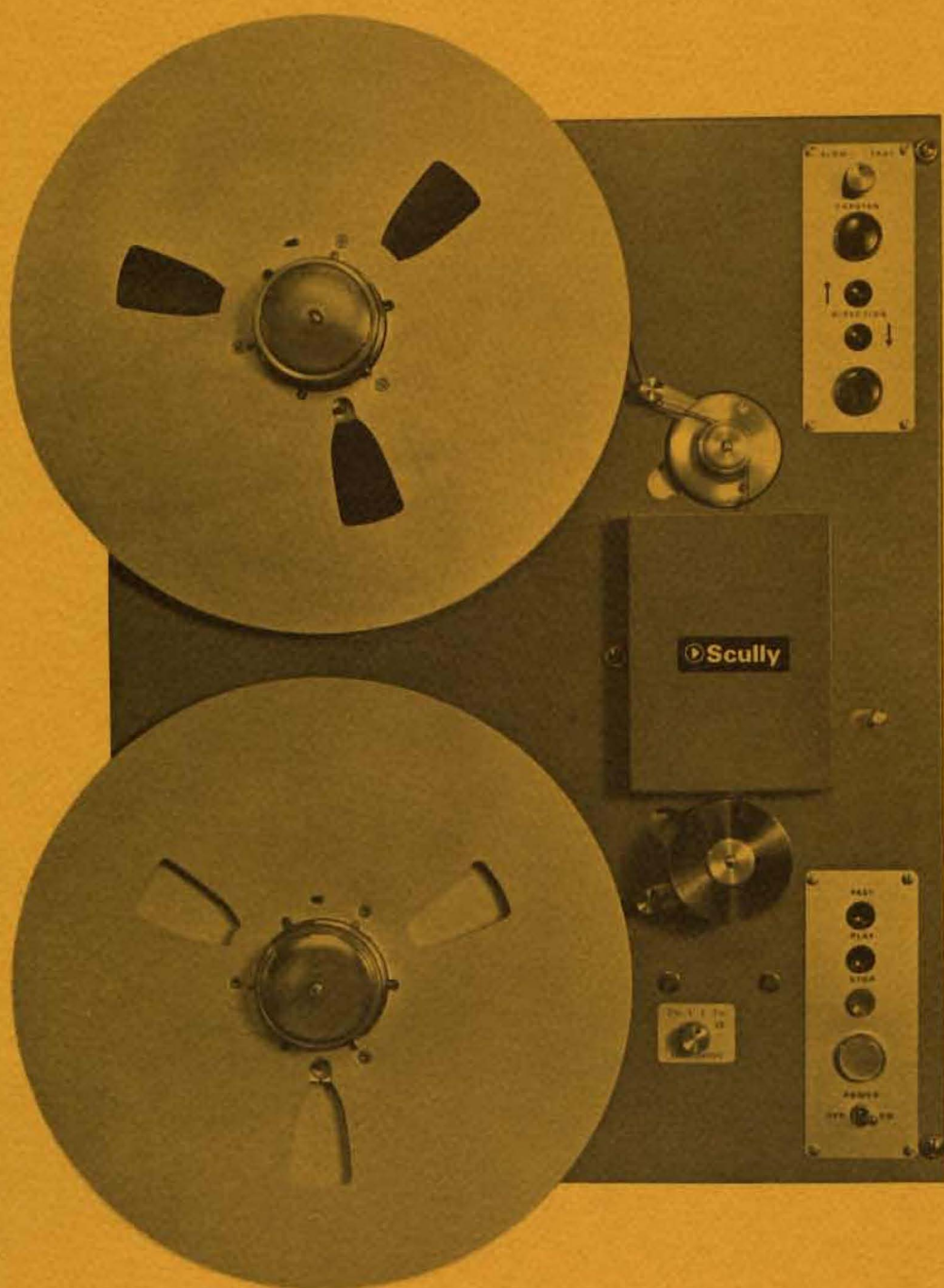


**Scully 270 Series
Professional
Long Play
Tape Reproducer**

270



Description:

The Scully 270 professional long play reproducer has become the standard of excellence in the automated broadcast industry. Designed to run for long periods, reliably and with trouble-free performance, the 270 is an extra-rugged, heavy duty reproducer designed and built with typical Scully craftsmanship.

Features:

- Disc brakes
- Fully transistorized, plug-in amplifiers
- Rugged cast frame and solid panel construction
- Direct drive heavy duty motors
- Removable face plate
- Instant access for maintenance
- Automatic start torque tension control
- Reversing capability with Mono Half-Track & Stereo Quarter-Track units only; accomplished by foil-sensing low current transistor switching, with mechanical memory.

Specifications:

Head Configurations: Monophonic Half or Full-Track; Stereo 2 or Quarter-Track

Tape Speed: 3³/₄—7¹/₂ ips; 7¹/₂—15 ips

Tape Width: 1/4"

Reel Size: Up to 14"

Start Time: Play speed in 0.1 seconds

Rewind Time: Approximately 105 seconds (4,800 Ft. Reel)

Timing Accuracy: Better than 99.7% for 30 min. tape

Power Requirements: 117 Vac, 60 Hz, 275 Watts (50 Hz optional)

Transport Controls: Play, Fast, Direction Change, Stop, Speed Selector

Control System: All Relays and Solenoids 24 Vdc; Plug-in Relays

Frequency Response: Mono and 2 track, ±2 db, 50—7,500 Hz at 3³/₄ ips; +2—3 db, 50—15,000 Hz at 7¹/₂ ips; ±2 db, 50—15,000 Hz at 15 ips. Quarter track stereo, ±4 db, 50—100 Hz; above 100 Hz response same as mono and 2 track.

Signal to Noise Ratio: Mono Full-Track; 65 db minimum at 7¹/₂ & 15 ips. Stereo 2-Track; 60 db minimum at 7¹/₂ & 15 ips. Stereo qtr track; 58 db minimum at 7¹/₂ & 15 ips, 54 db minimum at 3³/₄ ips.

Flutter & Wow: 3³/₄ ips—0.2% RMS or better; 7¹/₂ ips—0.1% RMS or better; 15 ips—.08% RMS or better

Distortion: Less than .5% Total Harmonic Distortion at +18 dbm

Equalization: Front Panel Switch

Output: +18 dbm from 600 Ohm Balanced Line (Normally supplied +4 dbm = Zero VU)

Tape Tension: Continuous Adjustable Electrical Control System

Shipping Weight: 100 lbs

Size: 19" x 24¹/₂" x 8³/₄"

270

▶ **Scully/Metrotech**

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