A multi-featured, professional magnetic recording electronics package equally suited to original installations or for upgrading existing systems in the studio recording, broadcast, or motion picture fields.

**FEATURES**

Compact — two fully independent channels in a single 3½ inch rack mount chassis.

3-Speed Equalization accommodates any combination of NAB or IEC curves. LF equalization easily defeated at any speed.

Full Remote Control of all modes: READY/RECORD; INPUT, TAPE and SYNC monitor. Solid-State switching eliminates contact noise.

Distortion Reduced through the use of "linearized" Recording Amplifiers and phase corrected Reproduce and Sync Amplifiers.

Separate Reproduce and Sync Amplifiers permit optimum adjustment of equalization in both playback modes.

Plug-In Circuit Cards combine advantages of both IC and discrete circuitry for unexcelled performance and trouble-free operation.

_Distributed By:_

TABER MANUFACTURING AND ENGINEERING COMPANY
2081 EDISON AVENUE • SAN LEANDRO, CALIFORNIA 94577 • Telephone: (415) 635-3831
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Frequency Response (in Hz)</th>
<th>OVERALL</th>
<th>TOTAL</th>
<th>SYNC</th>
</tr>
</thead>
<tbody>
<tr>
<td>30ips ±2dB</td>
<td>60 - 20k</td>
<td>60 - 15k</td>
<td></td>
</tr>
<tr>
<td>15ips ±2dB</td>
<td>35 - 20k</td>
<td>40 - 15k</td>
<td></td>
</tr>
<tr>
<td>7ips ±2dB</td>
<td>30 - 15k</td>
<td>40 - 7.5k</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signal-to-Noise Ratio (in dB)</th>
<th>OVERALL</th>
<th>TOTAL</th>
<th>STANDBY</th>
</tr>
</thead>
<tbody>
<tr>
<td>30ips</td>
<td>-62</td>
<td>-71</td>
<td>-62</td>
</tr>
<tr>
<td>7ips</td>
<td>-61</td>
<td>-67</td>
<td>-61</td>
</tr>
</tbody>
</table>

**Equalization**

3 speeds with solid-state switching. Adjusts for any combination of NAB and IEC characteristics.

**Erasure/Bias Frequency**

250kHz standard. 100kHz available on special order.

- >75dB erasure of 500Hz signal recorded 3dB below tape saturation.

**Recorded Distortion** (LIN and NOISE BAL controls optimized -3M 206 tape)

- <.15% THD at 200nW/m
- <1% THD at 6dB above 200nW/m

**Amplifier Distortion**

- Record: <.1% THD at Operating Level
- Reproduce: <.2% THD 25dB above Operating Level

**Input**

- Sensitivity: -20 to +8dBm
- Impedance: 10K, unbalanced (transformer optional)

**Outputs**

- Line Output – feeds 600 ohm line or bridging input at ±4 or ±6dBm. Clipping level +24dBm.

**Panel Controls**

- RECORD: Gain (with preset CAL position)
- REPRO: Gain (with preset CAL position)
- MODE: Selects SAFE/READY and INPUT, TAPE, or SYNC monitor, or activates REMOTE control of all functions.

**Power Requirement**

- ±20 VDC, 400mA; 250 kHz, 1V rms

**Size and Weight**

- 3½" x 19" x 9"; 12 lbs.

**Accessories**

- Power Supplies:
  - Model 900 (8 tracks max.)
  - Model 910 (24 tracks max.)

**Price** $1150

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(1) Overall performance will obviously depend on heads and tape used. These specifications are representative of a system using a head complement of Nortronics 9227 erase, 9203 record, and 9213 reproduce, 3M 206 tape and an operating level of 200nW/m.

(2) Referred to 6dB above a flux level of 200nW/m, or approximately 3dB below the 3% THD point of 3M 206 tape. Spec. applies to 70-80 mil tracks, as in 2-, 4-, 8-, or 16-track formats.

**NOTE:** Operating Level refers to a flux level of 200nW/m at 1kHz. This is approximately 1dB above the "Operating Level" tone on current Ampex Standard Tapes.