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# MARCONIPHONE

# T69DA

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**General Description:** Six valve (including rectifier) three waveband A.M./F.M. table receiver with printed-circuit panel.

**Power Supplies:** A.C./D.C. mains, 200–250 volts (50–60 c/s. A.C.)

**Wavebands:** M.W. 188–550 m.; L.W. 1100–1920 m.; V.H.F. 88–100 Mc/s.

**Valves:** (V<sub>1</sub>) UCC85; (V<sub>2</sub>) UCH81; (V<sub>3</sub>) UF89; (V<sub>4</sub>) UABC80; (V<sub>5</sub>) UL84; (V<sub>6</sub>) UY85. Typical valve voltages are shown on the circuit diagram (20,000-ohms/volt meter).

**Alignment Procedure:** A.M. alignment is straightforward; M.W. 580 kc/s. (L<sub>10</sub>, L<sub>8</sub>), 1400 kc/s. (C<sub>32</sub>, C<sub>19</sub>); L.W. 220 kc/s. (L<sub>9</sub>).

**I.F. (F.M.):** Set volume control 90° back from maximum and tone control to maximum treble. Inject a 10.7-Mc/s. F.M. signal via 400 pF. to V<sub>2</sub> grid