

SPECIFICATIONS

Semiconductors

| | |
|-----------------------|----|
| ICs | 11 |
| FETs | 11 |
| Transistors | 30 |
| Diodes | 48 |

FM Section

| | | |
|--|----------------|-------------------------|
| Usable Sensitivity | MONO: | 8.8dBf (1.5 μ V) |
| 50dB Quieting Sensitivity | MONO: | 13.2dBf (2.5 μ V) |
| | STEREO: | 36.1dBf (35 μ V) |
| Signal-to-Noise Ratio at 85dBf | MONO: | 83dB |
| | STEREO: | 80dB |
| Distortion at 85dBf | MONO: | 100Hz 0.05% |
| | | 1kHz 0.04% |
| | | 10kHz 0.06% |
| | STEREO: | 100Hz 0.1% |
| | | 1kHz 0.07% |
| | | 10kHz 0.2% |
| | | WIDE NARROW |
| Capture Ratio | | 0.8dB 2.0dB |
| Alternate Channel Selectivity | | 30dB 85dB |
| Stereo Separation | 1kHz: | 55dB |
| | 20Hz to 10kHz: | 40dB |
| Frequency Response | 20Hz to 10kHz | ± 0.2 dB |
| | 20Hz to 15kHz | ± 0.3 dB |
| Spurious Response Ratio | | 110dB |
| Image Response Ratio | | 120dB |
| IF Response Ratio | | 110dB |
| AM Suppression Ratio | | 65dB |
| Subcarrier Product Ratio | | 70dB |
| Muting Threshold | | 19.2dBf(5 μ V) |
| De-Emphasis Switch (Switchable) | | 25 μ s ~ 75 μ s |
| Antenna Input | | 300ohms balanced |
| | | 75ohms unbalanced |

AM Section

| | |
|---------------------------------|---------------------------|
| Sensitivity | |
| IHF, ferrite antenna | 300 μ V/m |
| IHF, external antenna | 15 μ V |
| Selectivity | WIDE; 20dB |
| | NARROW; 50dB |
| Signal-to-Noise Ratio | 55dB |
| Image Response Ratio | 70dB |
| IF Response Ratio | 65dB |
| Antenna | Ferrite Loopstick Antenna |

Audio Section

| | |
|--------------------------|----------------------------|
| Output (Level/Impedance) | |
| FM (100% MOD.) | FIXED: 650mV/4.2k Ω |
| | VARIABLE: 50mV to |
| | 1.3V/3.6k Ω |
| AM (30% MOD.) | FIXED: 200mV/4.2k Ω |
| | VARIABLE: 15mV to |
| | 400mV/3.6k Ω |
| Multipath | |
| V (Vertical) | 300mV/10k Ω |
| | (AM 1kHz 30% MOD) |
| H (Horizontal) | 400mV/7k Ω |
| | (FM 1kHz 100% MOD) |

Miscellaneous

| | |
|------------------------------|------------------------------|
| Power Requirements | 120V 60Hz only. |
| Power Consumption | 28W |
| Dimensions | 453(W) x 155(H) x 390(D) mm |
| | 17-11/16 x 6-1/8 x 15-3/8 in |
| Weight | Without Package: |
| | 9.3kg (20lb 8oz) |

Furnished Parts

| | |
|--|---|
| FM T-type antenna | 1 |
| Connection Cord with Pin Plugs | 1 |
| Operating Instructions | 1 |

NOTE:

Specifications and the design subject to possible modification without notice due to improvements.