Specifications (DIN 45 500)

- **Amplifier Section**

  - 1 kHz continuous power output:
    - Both channels driven: 2 x 27W (8Ω)
  - Total harmonic distortion:
    - Half power at 1 kHz: 0.07% (8Ω)
  - Intermodulation distortion:
    - Rated power at 60 Hz, 7 kHz = 4:1, SMPTE, 8Ω: 0.5%
  - Power bandwidth:
    - Both channels driven, –3 dB: 10 Hz – 40 kHz (8Ω)
  - Damping factor:
    - Both channels driven: 30 (8Ω)
  - Input sensitivity and impedance:
    - PHONO: 2.5 mV/47kΩ
    - CD/VIDEO/AUX, TAPE/EXT: 150 mV/10kΩ
  - PHONO maximum input voltage (1 kHz, RMS): 150 mV
  - S/N: 85 dB (A-weighted)

- **FM Tuner Section**

  - Frequency range: 87.50 – 108.00 MHz
  - Sensitivity:
    - S/N 30 dB: 1.9 μV (300Ω), 1.3 μV (75Ω)
    - S/N 26 dB: 1.7 μV (300Ω), 1.2 μV (75Ω)
    - S/N 20 dB: 1.5 μV (300Ω), 0.9 μV (75Ω)
    - IHF usable sensitivity: 1.9 μV (IHF ‘58)
    - IHF 46 dB stereo quieting sensitivity: 22 μV/75Ω
    - Total harmonic distortion:
      - MONO: 0.15%
      - STEREO: 0.3%
  - S/N:
    - MONO: 60 dB (77 dB, IHF)
    - STEREO: 58 dB (71 dB, IHF)
  - Frequency response:
    - 20 Hz – 15 kHz, ±1 dB: –2 dB
  - Alternate channel selectivity:
    - ±400 kHz: 65 dB
  - Capture ratio:
    - 1 dB
  - Image rejection at 96 MHz:
    - 50 dB
  - IF rejection at 96 MHz:
    - 75 dB
  - Spurious response rejection at 96 MHz:
    - 82 dB
  - AM suppression:
    - 50 dB
  - Stereo separation:
    - 1 kHz: 40 dB
    - 10 kHz: 30 dB
  - Carrier leak:
    - 19 kHz: –33 dB (–35 dB, IHF)
    - 30 kHz: –50 dB (–50 dB, IHF)
  - Channel balance (250 Hz – 6,300 Hz):
    - ±1.5 dB
  - Limiting point:
    - 1.2 μV
  - Bandwidth:
    - IF amplifier: 180 kHz
    - FM demodulator: 1000 kHz
  - Antenna terminals:
    - 300Ω (balanced)
    - 75Ω (unbalanced)

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