

● **PERFORMANCE GUARANTY:**

All Accuphase product specifications are guaranteed as stated.

**FM MONOPHONIC PERFORMANCE**

- **FREQUENCY RANGE:** 87.5 MHz--108.0 MHz
- **SENSITIVITY:**
  - Usable Sensitivity: 11 dBf (IHF)
  - 50 dB Quieting Sensitivity: 17 dBf (IHF)
- **VOLTAGE STANDING WAVE RATIO:** 1.5
- **SIGNAL TO NOISE RATIO AT 80 dBf:** 63 dB (A-Weighted)
- **TOTAL HARMONIC DISTORTION:**
  - with SELECTIVITY switch set to NORMAL 80 dBf input at  $\pm 75$  kHz deviation
  - 20 Hz 1,000 Hz 10,000 Hz
  - 0.04% 0.04% 0.04%
- **INTERMODULATION DISTORTION:**
  - Will not exceed 0.01% (Antenna input 80 dBf,  $\pm 75$  kHz deviation, 14 kHz and 18 kHz = 1:1)
- **FREQUENCY RESPONSE:**
  - +0, -0.5 dB, 10 Hz to 16,000 Hz
- **SELECTIVITY: (IHF)**
  - With SELECTIVITY switch set to
  - NORMAL    NARROW
  - Alternate Channel: 70 dB    100 dB
  - Adjacent Channel: 8 dB    22 dB
- **CAPTURE RATIO:** 1.5 dB
- **RF INTERMODULATION:** 80 dB
- **SPURIOUS RESPONSE RATIO:** 120 dB
- **IMAGE RESPONSE RATIO:** 80 dB
- **IF/2 SPURIOUS RESPONSE RATIO:** 100 dB
- **AM SUPPRESSION RATIO:**
  - 80 dB at 65 dBf input
- **SUBCARRIER PRODUCT RATIO:** 70 dB
- **SCA REJECTION RATIO:** 80 dB
- **OUTPUT:**
  - 1.0 Volt at  $\pm 75$  kHz deviation

**FM STEREPHONIC PERFORMANCE**

- **SENSITIVITY:**
  - 40 dB Quieting Sensitivity: 29 dBf (IHF)
  - 50 dB Quieting Sensitivity: 37 dBf (IHF)
- **SIGNAL-TO-NOISE RATIO AT 80 dBf:** 79 dB (A-Weighted)
- **TOTAL HARMONIC DISTORTION:**
  - With SELECTIVITY switch set to NORMAL 80 dBf input at  $\pm 75$  kHz deviation
  - 20 Hz 1,000 Hz 10,000 Hz
  - 0.04% 0.04% 0.08%
- **INTERMODULATION DISTORTION:**
  - Will not exceed 0.03% (Antenna input 80 dBf,  $\pm 75$  kHz deviation, 8 kHz and 10 kHz = 1:1)
- **FREQUENCY RESPONSE:**
  - +0, -0.5 dB, 10 Hz to 16,000 Hz
- **STEREO SEPARATION:**
  - 100 Hz 1,000 Hz 10,000 Hz
  - 50dB 50 dB 45 dB
- **STEREO AND MUTING THRESHOLD:** 20 dBf

**AM PERFORMANCE**

- **FREQUENCY RANGE:**
  - 522 kHz--1,611 kHz
  - 520 kHz--1,710 kHz for North America and South America and non-European countries
- **USABLE SENSITIVITY:**
  - 20  $\mu$ V/m at 20 dB S/N
- **IMAGE REJECTION RATIO:** 50 dB
- **TOTAL HARMONIC DISTORTION:**
  - Will not exceed 0.3% (Antenna input 1 mV/m, 30% mod., 1 kHz)
- **SIGNAL-TO-NOISE RATIO:**
  - 50 dB (Antenna input 1 mV/m, 30% mod., 1 kHz)
- **OUTPUT:** 0.3 Volt (30% mod.)