

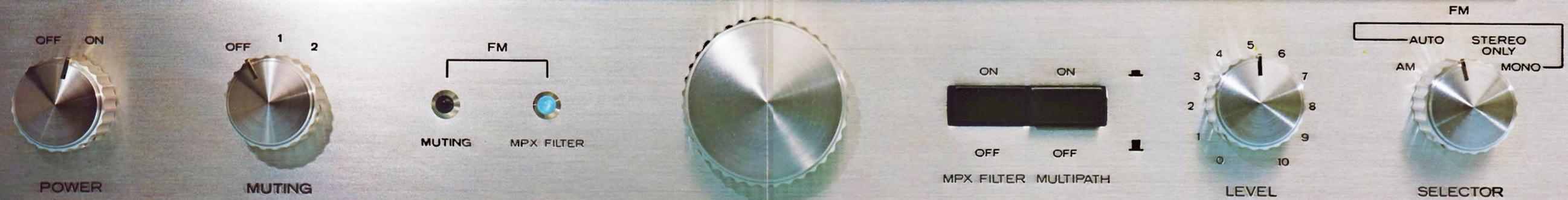
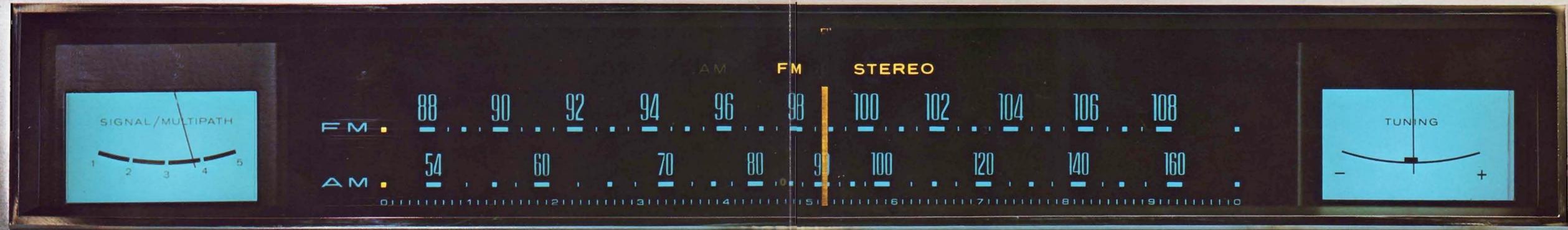
**TUNE IN...
TO TOP
PERFORMANCE**



KENWOOD

KT-7001

4-IC ■ 3-FET ■ XTAL FILTER ■ FM/AM STEREO TUNER



THE ULTIMATE IN STEREO TUNERS...KT-7001



A PERFECT MATCH FOR UNEXCELLED STEREO

Team the KT-7001 with its perfect mate, KENWOOD's KA-7002 Direct-Coupling Stereo Amplifier ... and you will realize the full potential of the KT-7001. With its four element crystal filter, highly integrated ICs and dual-gate FET, the KT-7001 delivers extremely high sensitivity, excellent selectivity and capture ratio. A multipath detection system and signal meter which measures field intensity and other features sets this tuner far above the ordinary.

Frequency Linear-type **4-gang Variable Capacitor** and **3 FETs FM Frontend** results in excellent spurious and intermodulation characteristics.

Newly developed MPX Circuit offers High Stereo Separation and extremely Low Intermodulation Distortion.

Perfectly flat characteristics of the Audio Frequency Response result from the use of a sharp filter which greatly minimizes carrier leakage that introduces undesirable noise components to the audible frequency range.

Crystal Filters and 4 ICs FM IF Stages offer wide frequency band characteristics, sharp selectivity, capture effect, stable high gain.

AM Section incorporates **Low-noise FET** which acts as a Radio Frequency Amplifier and one **Ceramic Filter** in the IF Stage which produces wide frequency characteristics and sharp selectivity; the AGC characteristics have been greatly improved with the application of an AGC circuit to the RF Stage FET by reducing distortion caused by excessive large input signal.

Pushbutton Automatic MPX Filter eliminates noise components in the stereo sub-channel and improves the signal-to-noise ratio when tuned to a weak signal FM stereo station.

New dual-function Signal/Multipath Meter indicates signal intensity as well as direct or multipath signal characteristics; FM Multipath Indication Circuit provides multipath detection.

2-Step Switchable FM Audio Muting Control ($10\mu\text{V}$ and $50\mu\text{V}$) most effectively suppresses interstation noises.



SPECIFICATIONS

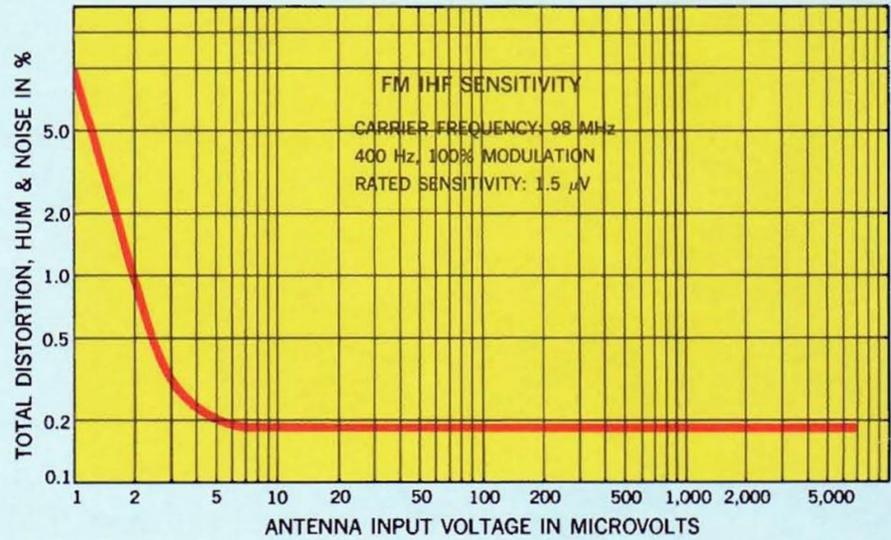
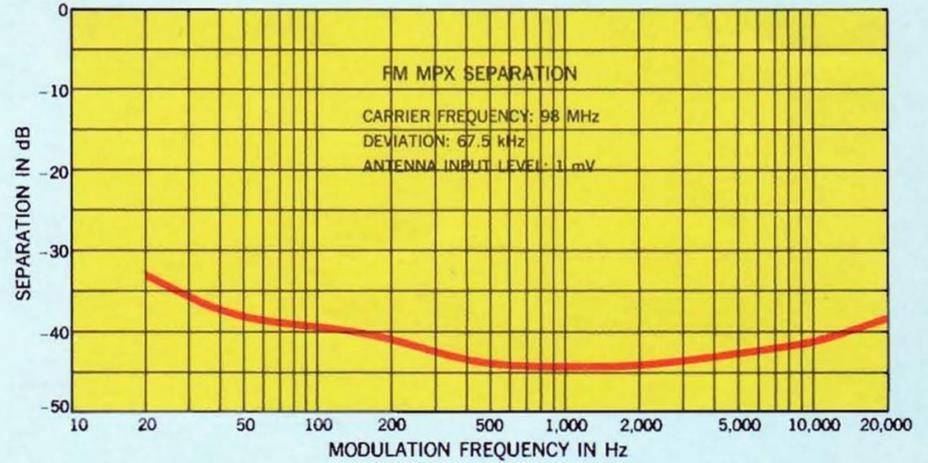
FM SECTION

Sensitivity (IHF):	1.5 μ V
Frequency Response:	20-15k Hz, +0, -1.5 dB
Harmonic Distortion: (at 400 Hz, 100% Mod)	Mono: less than 0.25% Stereo: less than 0.5%
Signal-to-Noise Ratio: (at 100% Mod)	better than 75 dB at 30 μ V input better than 60 dB at 5 μ V input
Capture Ratio (IHF):	1 dB
Image Frequency Rejection (at 100 MHz):	better than 100 dB
Cross Modulation Ratio:	better than 100 dB
IF Rejection Ratio:	better than 100 dB
Selectivity (Alt. Channel, IHF):	better than 90 dB
Multiplex Carrier Suppression:	better than 50 dB
Stereo Separation:	better than 30 dB, from 20-15k Hz better than 40 dB, from 300-10k Hz
Output Voltage: (at 400 Hz, 100% Mod)	1.5 Volts
Antenna Impedance:	300 ohms balanced 75 ohms unbalanced
Output Impedance:	100 ohms
Stereo Noise Filter:	Yes (High Frequency Blend Circuit)
Interstation Muting:	Yes (10 μ V, 50 μ V Switchable)

AM SECTION

Sensitivity (IHF):	15 μ V (Ext. Antenna Terminal) 100 μ V/m (Bar Antenna)
Selectivity:	better than 30 dB
Image Rejection:	better than 80 dB
IF Rejection:	better than 70 dB
Output Voltage: (at 400 Hz, 30% Mod)	0.5 Volt

POWER REQUIREMENTS:	AC 110-120V, 50/60 Hz
POWER CONSUMPTION:	20 Watts
DIMENSIONS:	16 $\frac{5}{16}$ " W, 5 $\frac{5}{32}$ " H, 11 $\frac{1}{32}$ " D
WEIGHT:	18 lbs.



TWO-YEAR WARRANTY ON BOTH PARTS AND LABOR

KENWOOD is proud of the quality and workmanship of its tuners. These units are guaranteed against all defects in material and workmanship. They have been properly designed, carefully tested and inspected before they are shipped to you. If properly installed and operated in accordance with your instruction manual, they should give optimum reliable performance.

The warranty does not apply to units which have been subjected to misuse, abuse, neglect, accident or improper installation, nor extend to units which have been repaired or altered by unauthorized agencies, nor to cases where the serial number has been removed, defaced, or altered.

the sound approach to quality



KENWOOD

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