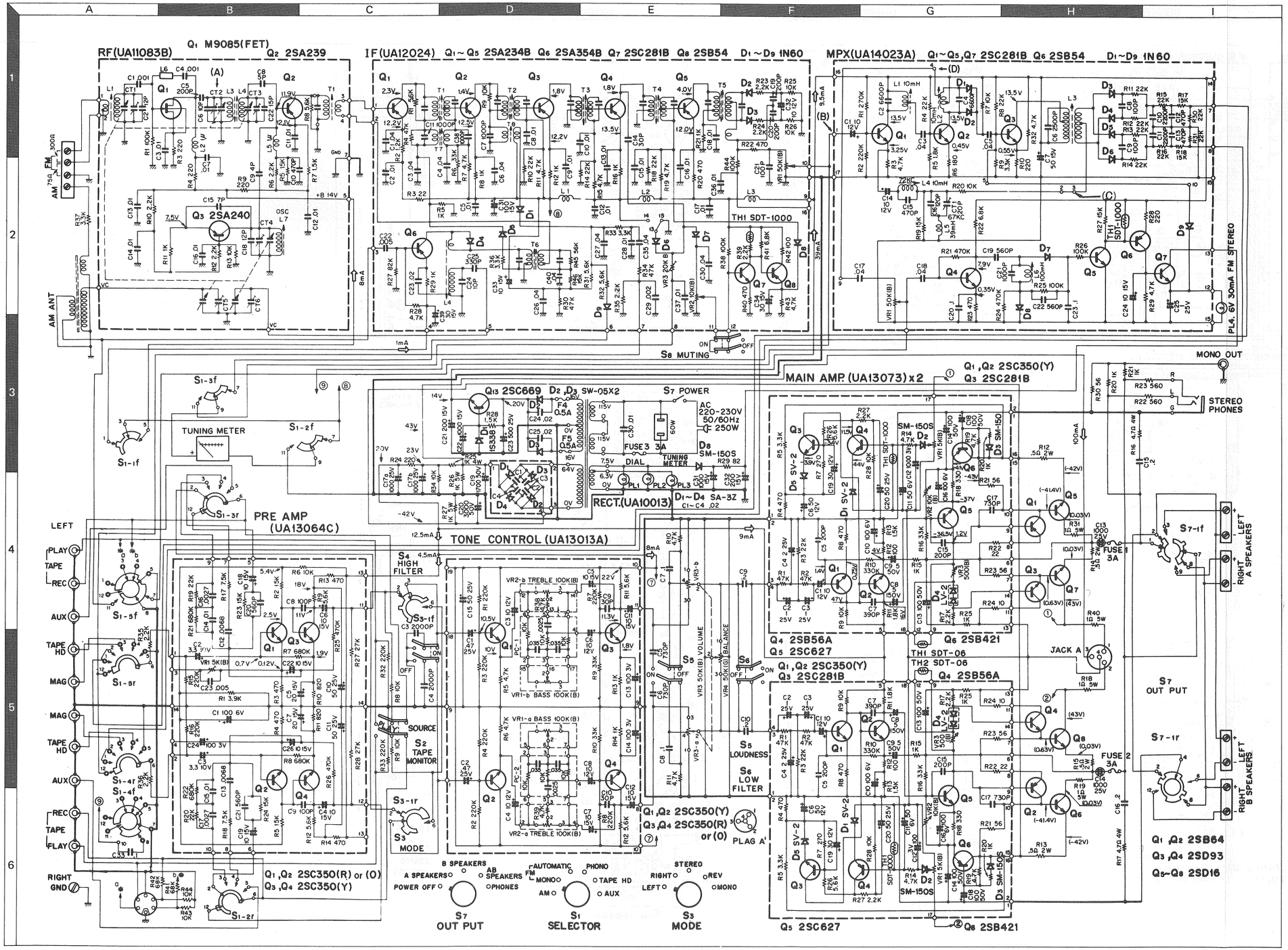
KENWOOD

SOLID STATE AUTOMATIC AM-FM STEREO RECEIVER

TK-140



SPECIFICATIONS

AMPLIFIER SECTION:

TOTAL MUSIC POWER:	130 watts (IHF Standard 4 ohms) 120 watts (IHF Standard 8 ohms)
CONTINUOUS POWER:	50 watts per channel (0.5% T.H.D.)
FREQUENCY RESPONSE:	20 Hz — 50,000 Hz (±2 dB)
POWER BANDWIDTH:	20 Hz — 30,000 Hz (−3 dB)
SIGNAL TO NOISE RATIO: (below rated output)	Phono −63 dB, Tape HD −63 dB, Tape Play −70 dB, AUX −70 dB
INPUT SENSITIVITY:	Phono 2 mV, Tape HD 2.5 mV, Tape Play 150 mV, AUX 150 mV
MAXIMUM INPUT SIGNAL: (Mag Input)	100 mV P-P (1,000 Hz)
DAMPING FACTOR:	46 (16 ohms), 23 (8 ohms)
LOW FILTER:	80 Hz roll-off
HIGH FILTER:	6,000 Hz roll-off
BASS CONTROL:	±10 dB (at 50 Hz)
TREBLE CONTROL:	±10 dB (at 10,000 Hz)
VOLUME CONTROL TRACKING ERROR:	Within 3 dB
CENTER CHANNEL OUTPUT:	Yes
SPEAKER IMPEDANCE:	4, 8 or 16 ohms

TUNER SECTION:

USABLE SENSITIVITY:	FM; 2 microvolts (IHF Standard) AM; 10 microvolts (IHF Standard)
FM FREQUENCY RESPONSE:	20 — 20,000 Hz ±2 dB
FM HARMONIC DISTORTION:	0.6% (1,000 Hz 100% mod.)
FM SIGNAL TO NOISE RATIO:	60 dB
FM CAPTURE RATIO:	2.5 dB
FM SELECTIVITY: (Alt. Channel)	45 dB
FM STEREO SEPARATION:	38 dB (at 400 Hz)
FM IMAGE REJECTION:	66 dB
FM SPURIOUS RESPONSE:	80 dB
FM IF STAGES:	5 stages
FM STEREO MONO AUTO. SWITCHING:	Yes
FM INTERSTATION MUTING:	Yes
AM-FM FRONT END:	FET 4-gang (FM), 3-gang (AM)
POWER CONSUMPTION:	AC 110 — 120 or 220 — 230 volts, 250 watts (at full power) Amps sold in Europe operate only on 220 — 230 volts 50/60 Hz
DIMENSIONS:	16½″ W, 5¼″ H, 14¼″ D
WEIGHT:	31 Lbs.

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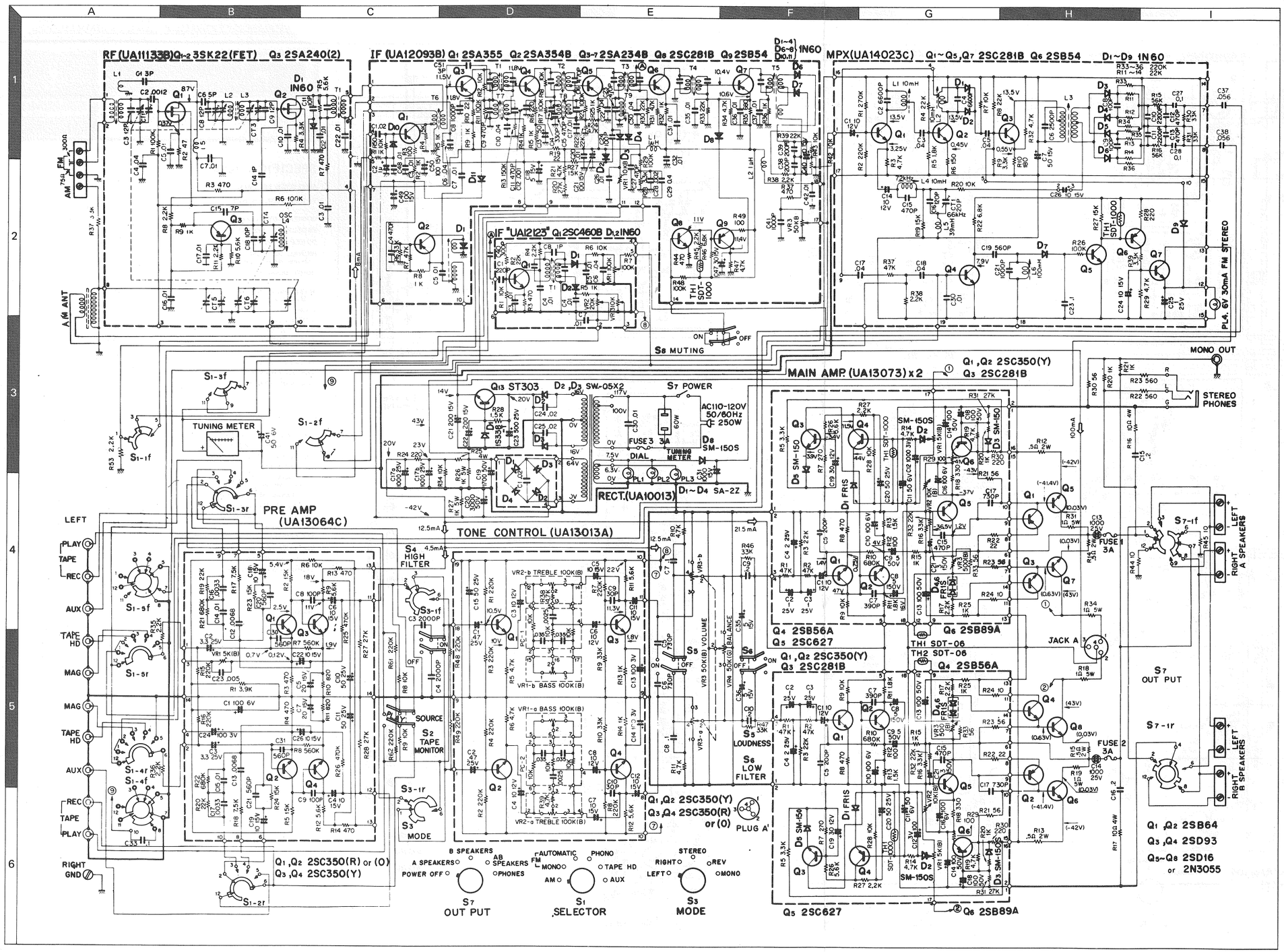

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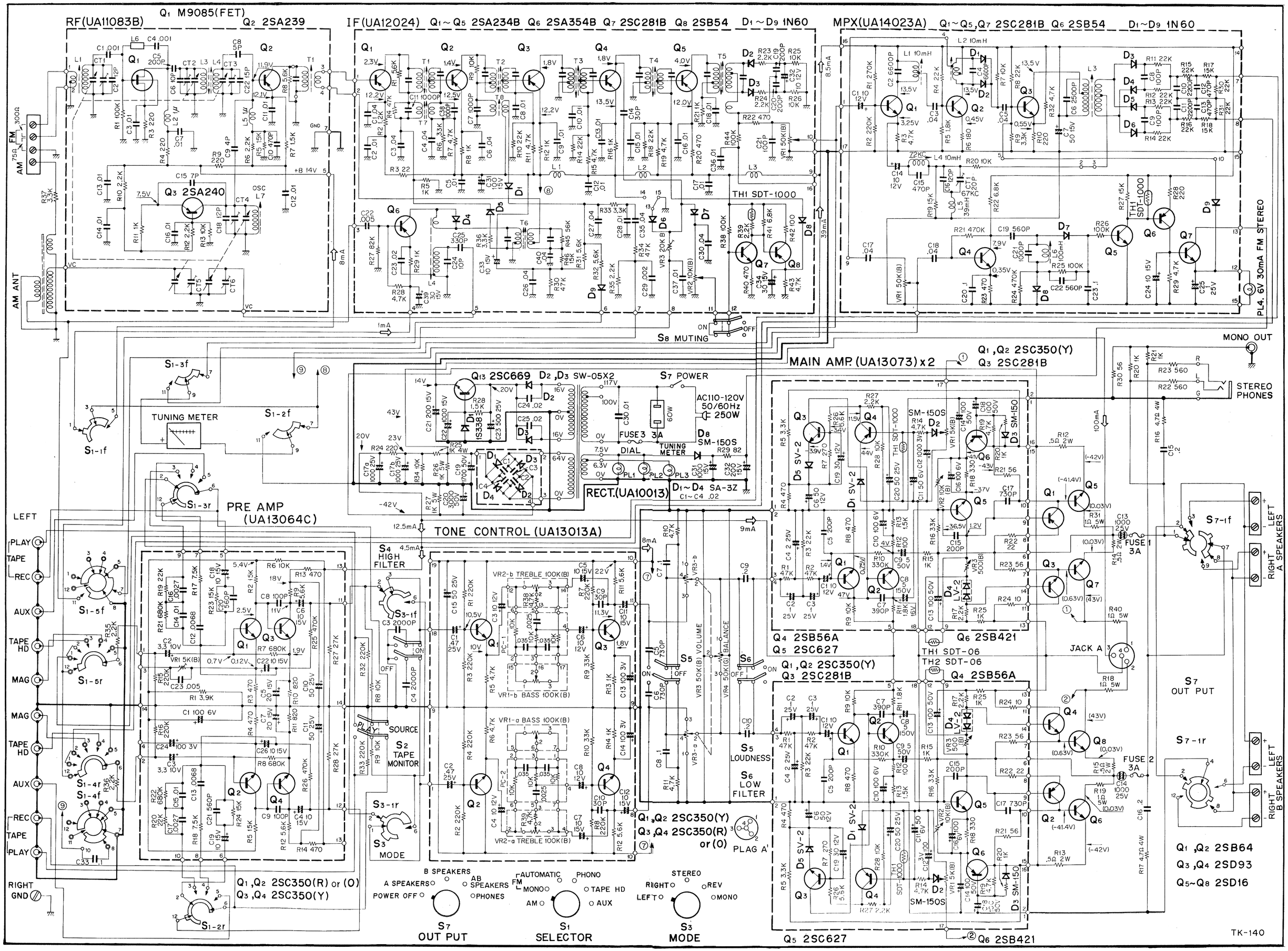
SCHEMATIC DIAGRAM



H05-AA53 ② (R)