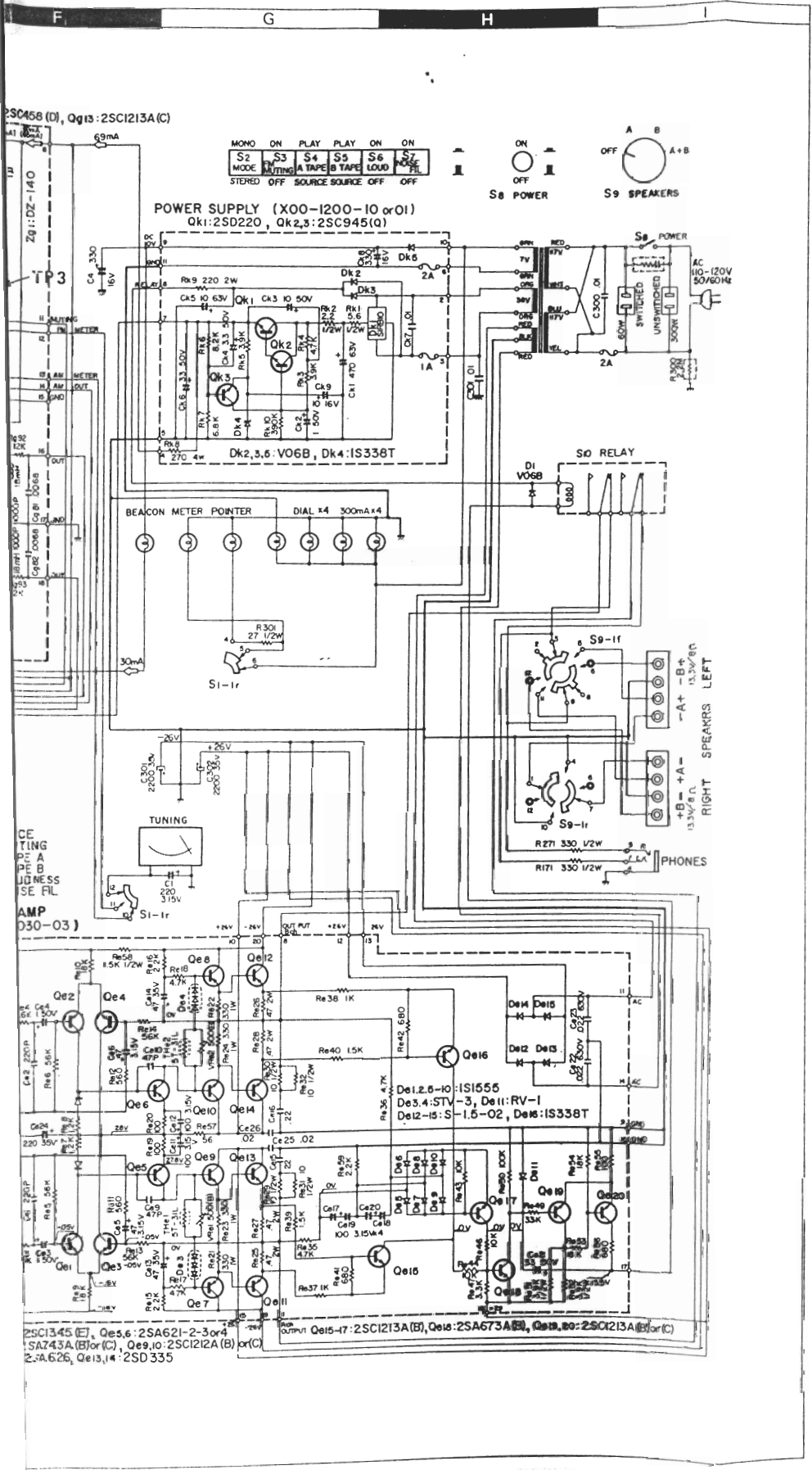
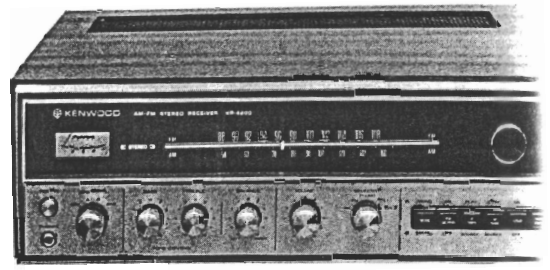


# STEREO RECEIVER

# KR-4200



## SPECIFICATIONS

- FM TUNER SECTION**
- Antenna Impedance: 300 ohms balanced and 75 ohms unbalanced
  - Usable Sensitivity, IHF: 2.0  $\mu$ V
  - Quietness Slope: 45 dB at 5  $\mu$ V, 60 dB at 10  $\mu$ V, 63 dB at 50  $\mu$ V, +0.5 dB, -2.0 dB, 20 Hz to 15,000 Hz
  - Frequency Response: Better than 60 dB
  - Harmonic Distortion (at 400 Hz, 100% Mod.): Less than 0.5%
  - Mono: Less than 0.8%
  - Stereo: Better than 63 dB
  - Signal-to-Noise Ratio: 3.0 dB
  - Capture Ratio, IHF: Better than 50 dB
  - Selectivity, IHF (Alt. channel): Better than 60 dB
  - Image Rejection: Better than 90 dB
  - IF Rejection: Better than 90 dB
  - Spurious Signal Rejection: Better than 60 dB
  - AM Suppression: Better than 40 dB at 1,000 Hz, Better than 20 dB at 10,000 Hz
  - Stereo Separation: Better than 45 dB
- Sub Carrier Suppression**
- AM TUNER SECTION**
- Antenna: Built-in ferrite bar antenna, External antenna terminals
  - Usable Sensitivity, IHF: 25  $\mu$ V
  - Signal-to-Noise Ratio: Better than 45 dB at 1 mV input
  - Selectivity, IHF: Better than 30 dB
  - Image Rejection: Better than 45 dB
  - IF Rejection: Better than 35 dB
- AMPLIFIER SECTION**
- Power Output: 38 watts RMS continuous power stereo, 19 watts per channel. Both channels simultaneously into 8 ohms load at any frequency from 50 Hz to 20,000 Hz.
    - 32/32 watts: Each channel operating into 4 ohms at 1,000 Hz
    - 26/26 watts: Each channel operating into 8 ohms at 1,000 Hz
    - 26/26 watts: Both channel operating into 4 ohms at 1,000 Hz
    - 20/20 watts: Both channel operating into 8 ohms at 1,000 Hz
    - 82 watts IHF total Dynamic power into 4 ohms
    - 62 watts IHF total Dynamic power into 8 ohms
  - Harmonic Distortion: Less than 0.7% at rated output from 50 Hz to 20,000 Hz
  - Intermodulation Distortion: Less than 0.2% at -3 dB rated output, Less than 0.7% at rated output, Less than 0.2% at -3 dB rated output
  - Frequency Response: 1.2 dB, 22 Hz to 35,000 Hz
  - Power Bandwidth, IHF: 25 Hz to 25,000 Hz
  - Input Sensitivity, Input Impedance:
    - Phono: 3 mV, 50k ohms
    - AUX 1 and 2: 180 mV, 30k ohms
    - Tape play A and B: 200 mV, 45k ohms
  - Recording Output (Below rated input):
    - Tape REC. A and B: 150 mV
    - DIN Connector: 30 mV
  - Signal-to-Noise Ratio:
    - Phono: 63 dB
    - AUX 1 and 2: 75 dB
    - Tape play A and B: 75 dB
  - Damping Factor: 50 at 8 ohms load
  - Speaker Impedance: Accepts 4 to 16 ohms
  - Bass Control:  $\pm 10$  dB at 100 Hz
  - Treble Control:  $\pm 10$  dB at 10,000 Hz
  - Noise Filter: -10 dB at 10,000 Hz
  - Loudness Control (-30 dB): +10 dB at 100 Hz, +5 dB at 10,000 Hz
- GENERAL**
- Switches:
    - Speakers: Off A, B, A and B
    - Selector: AM, FM, Phono, AUX 1, AUX 2
    - Mode: Mono, Stereo
    - Others: Tape Monitor A, Tape Monitor B, Noise Filter, Muting, Loudness
  - AC Outlets: 1 switched and 1 unswitched
  - Power Voltage: 110 - 120V/220 - 240V AC 50/60 Hz
  - Power Consumption: 137 watts at full power, 40 watts at no signal, 35 watts dissipation (allow for electrical appliance material)
  - Dimensions: 17.1/8" (W), 5.3/4" (H), 13.5/8" (D)
  - Weight: 21.05 lbs