

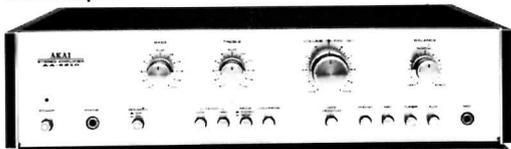
Stereo Cartridge Recorders



GXR 82D GX heads

Wow & Flutter... Less than 0.25% RMS at 3-3/4 ips
 Frequency Response... 40 Hz to 17,000 Hz (± 3 dB) at 3-3/4 ips
 Signal-to-Noise Ratio... Better than 47 dB
 Output Jacks...
 Line (2)... 1.23V ("0" VU)/100 ohms (Required load impedance... more than 20K ohms), Phone (1)... 30 mV/8 ohms
 Input Jacks...
 Microphone (2)... 0.5 mV/4.7K ohms, Line (2)... 50 mV/500K ohms
 Din Jack... 0.5 V/5mV

Stereo Amplifiers



AA 5210



AA 5210DB Built-in Dolby tape circuits

Rated Output Power both channels fully driven... 15 watts RMS per channel at 8 ohms, 18 watts RMS per channel at 4 ohms
 Total Harmonic Distortion... 0.8% from 1/4 watt to rated output (8 ohms)
 Power Bandwidth (IHF)... 15 Hz to 80,000 Hz at 8 ohms (distortion 0.8%) (both channels driven)
 Frequency Response... 8 Hz to 100,000 Hz (+0 dB -3 dB)
 Input Sensitivity and Impedance...
 Phono... 3 mV/50K ohms, Tuner... 150 mV/80K ohms, AUX... 150 mV/80K ohms, Tape (Din/Pin)... 150 mV/80K ohms, Mic... 3 mV (1 mV) 50K ohms, Main Amp... 600 mV/50K ohms
 Signal-to-Noise Ratio (IHF)...
 Phono... Better than 78 dB, AUX... Better than 80 dB
 Dolby Tone... (AA 5210DB only) 400 Hz (Rec Out, Din 30 mV/Pin 150 mV)



AA 5510

Rated Output Power both channels fully driven... 30 watts RMS per channel at 8 ohms, 40 watts RMS per channel at 4 ohms
 Maximum Total Harmonic Distortion... 0.5% from 1/4 watt to rated output (8 ohms)

Power Bandwidth (IHF)... 10 Hz to 60,000 Hz at 8 ohms (distortion 0.5%)

Frequency Response... 7 Hz to 100,000 Hz (+0 dB -3 dB)

Input Sensitivity and Impedance...

Phono... 3 mV/50K ohms, Tuner... 150 mV/70K ohms, AUX... 150 mV/70K ohms, Tape (Din/Pin)... 150 mV/70K ohms, Mic... 2.5 mV/50K ohms, Main Amp... 650 mV/50K ohms

Signal-to-Noise Ratio (IHF)...
 Phono... Better than 82 dB, AUX... Better than 90 dB



AA 5810

Rated Output Power both channels fully driven... 50 watts RMS per channel at 8 ohms, 70 watts RMS per channel at 4 ohms
 Maximum Total Harmonic Distortion... 0.3% from 1/4 watt to rated output (8 ohms)

Power Bandwidth (IHF)... 15 Hz to 35,000 Hz at 8 ohms (distortion 0.3%), both channels fully driven

Frequency Response... 7 Hz to 100,000 Hz (+0 dB -3 dB)

Input Sensitivity and Impedance...

Phono... 2.5 mV/50K ohms; Tuner 150 mV/60K ohms, AUX... 150 mV/60K ohms, Tape (Din/Pin)... 150 mV/60K ohms, Mic... 2.5 mV/50K ohms

Signal-to-Noise Ratio (IHF)...

Phono... Better than 81 dB, Mic... Better than 80 dB, Aux/Tuner/
 Tape... Better than 90 dB

Stereo Receivers



AA 810

AMPLIFIER SECTION

Rated Output Power both channels fully driven... 10 watts RMS per channel at 8 ohms, 13 watts RMS per channel at 4 ohms
 Total Harmonic Distortion... 0.8% from 1/4 watt to rated output (8 ohms)

Frequency Response... 20 Hz to 65,000 Hz (+0 dB, -3 dB)

Input Sensitivity and Impedance

Phono... 2.5mV/50K ohms, Tape (Din/Pin)... 150mV/50K ohms

Signal-to-Noise Ratio (IHF)...

Phono... Better than 75 dB, AUX... Better than 80 dB

FM TUNER SECTION

Frequency Range... 88 to 108 MHz/10.7 MHz, Sensitivity (IHF)... 2 μ V
 Capture Ratio (IHF)... 3 dB, Signal-to-Noise Ratio... Better than 70 dB

Harmonic Distortion

Mono... Less than 0.4%, Stereo... Less than 0.8%, FM Stereo
 Separation... Better than 40 dB

AM TUNER SECTION

Frequency Range... 515 kHz to 1,650 kHz