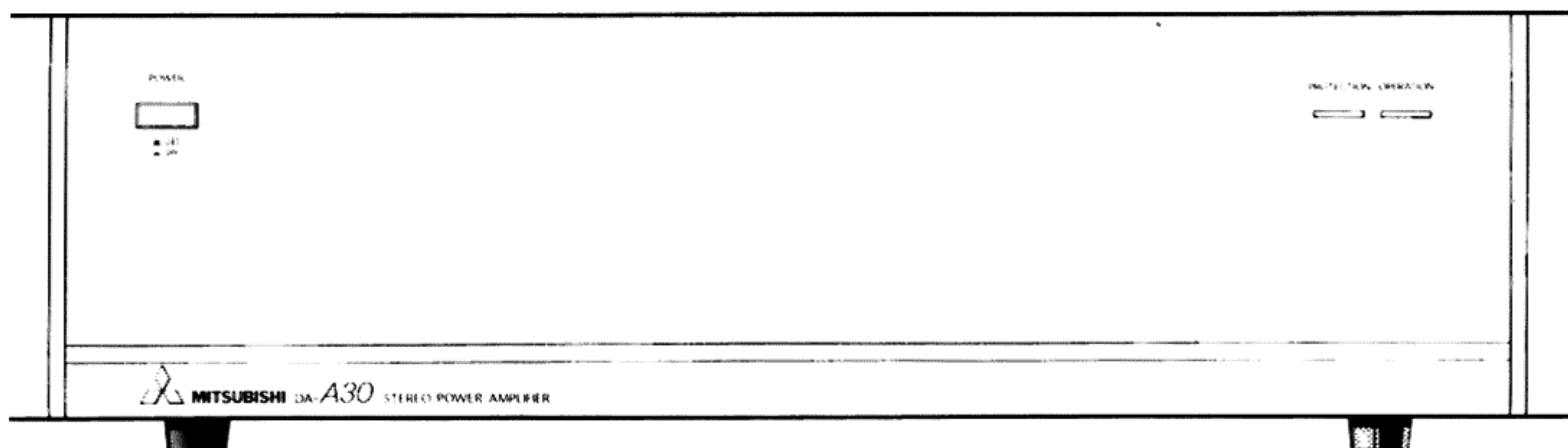




SERVICE MANUAL  
**STEREO POWER AMPLIFIER**  
**MODEL DA-A30**



**SPECIFICATIONS**

105 watts per channel, min. RMS, at 8 ohms from 20Hz to 20kHz with no more than 0.008% total harmonic distortion

115 watts per channel, min. RMS, into 4 ohms at 1kHz with 0.1% total harmonic distortion.

140 watts per channel, min. RMS, into 4ohms at 1kHz with 0.1% total harmonic distortion.

Total harmonic distortion . . . . . 0.003% at 50W per channel, both channels driven into 8 ohms from 20Hz to 20kHz

Intermodulation distortion  
 (70Hz and 7kHz 4:1) . . . . . 0.006% at rated power, 8ohms  
 0.008% at 1W per channel, 8ohms

Power bandwidth . . . . . 10Hz to 100kHz at 0.1% THD, 8ohms (IHF)

Frequency response . . . . .  $\pm 0.1$ dB from 20Hz to 20kHz at rated power, 8ohms  
 $+0$  dB from DC to 150kHz at  $-1$  dB from DC to 150kHz at 0.5W per channel, 8ohms

Dynamic headroom . . . . . 2.0dB

Input sensitivity/  
 impedance . . . . . 1V (variable)/50kohms

Damping factor . . . . . 100 from 20Hz to 20kHz, 8ohms

Channel separation . . . . . 100dB at 1kHz  
 80dB at 20kHz

Hum and noise . . . . . 0.15mV (unweighted, closed circuit)

Signal to noise ratio . . . . . 107dB (unweighted, closed circuit)  
 (at rated power)  
 122dB (IHF, A network, closed circuit)  
 119dB (DIN, closed circuit)  
 109dB (DIN, 47kohms//250pF terminated)

Slew rate . . . . . 200V/micro sec. at 100V p-p

Power consumption . . . . . 400W at rated power, 8ohms  
 280W (UL nominal)

Dimensions . . . . . 470 x 135 x 357 mm  
 (W x H x D)  
 (18-1/2 x 5-5/16 x 14-1/16")

Weight . . . . . 14.5kg (32lbs)

Supplied with . . . . . Pin plug cord  
 Speaker control cable

Design and specifications are subject to change without notice for improvement.





**SCHEMATIC DIAGRAM**

