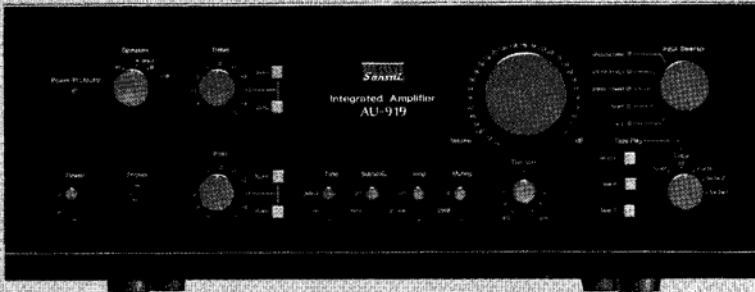


# SERVICE MANUAL

## INTEGRATED STEREO AMPLIFIER

# SANSUI AU-919



### SPECIFICATIONS

- Power output**  
 Min. RMS, both channels driven, from 10 to 20,000 Hz, with no more than 0.008 % total harmonic distortion  
 100 watts per channel into 8 ohms  
**Load impedance** . . . . . 8 ohms  
**Total harmonic distortion (POWER AMP IN)**  
 . . . . . less than 0.008 % at or below rated min. RMS power output  
**Intermodulation distortion (70 Hz : 7 kHz = 4:1 SMPTE method)**  
 . . . . . less than 0.008 % at or below rated min. RMS power output  
**Rise time** . . . . . 0.5  $\mu$ sec  
**Slew rate** . . . . . 200 V/ $\mu$ sec  
**Frequency response (at 1 watt) (POWER AMP IN)**  
 . . . . . DC to 500,000 Hz +0 dB -3 dB  
**Damping factor (1 kHz, both channels driven)**  
 . . . . . 100 into 8 ohms  
**RIAA curve deviation (PHONO, 20 Hz to 20 kHz)**  
 . . . . . +0.2 dB, -0.2 dB  
**Input sensitivity and impedance (1 kHz, for rated power output)**  
**PHONO-1 (MC)** . . . . . 0.1 mV/10 ohms  
 (Max. input capability; 30 mV at 1 kHz, less than 0.03 % total harmonic distortion)  
**PHONO-1, 2 (MM)** . . . . . 2.5 mV/47 kilohms  
 (Max. input capability; 350 mV at 1 kHz, less than 0.01 % total harmonic distortion)  
**AUX, TUNER, TAPE PLAY**  
 . . . . . 150 mV/47 kilohms  
**POWER AMP IN** . . . . . 1 V/47 kilohms  
**Output level and impedance (1,000 Hz)**  
**TAPE REC (pin jack)** . . . . . 150 mV into 47 kilohms/  
 600 ohms  
**PREAMP OUT** . . . . . 1 V into 47 kilohms/  
 1.5 kilohms  
**Channel separation (1 kHz, at rated power output)**  
**PHONO-1 (MC)** . . . . . 70 dB  
**PHONO-1, 2 (MM)** . . . . . 75 dB  
**AUX, TUNER, TAPE PLAY**  
 . . . . . 80 dB  
**Hum and noise (short-circuit, A-network)**  
**PHONO-1 (MC)** . . . . . 74 dB  
**PHONO-1, 2 (MM)** . . . . . 90 dB  
**AUX, TUNER, TAPE PLAY**  
 . . . . . 100 dB  
**Controls**  
**BASS** . . . . .  $\pm$ 6 dB (50 Hz)  
 Tone selector . . . . . 150 Hz, 300 Hz  
**TREBLE** . . . . .  $\pm$ 6 dB (15 kHz)  
 Tone selector . . . . . 3 kHz, 6 kHz  
**SUBSONIC** . . . . . -3 dB (16 Hz), 6 dB/oct  
**MUTING** . . . . . -20 dB  
**Power requirements**  
**Power voltage** . . . . . 100, 120, 220, 240V (50/60 Hz)  
**Power consumption**  
**Rated consumption** . . . . . 480 watts  
**Dimensions** . . . . . 430 mm (16-15/16") W  
 168 mm (6-5/8") H  
 428 mm (16-7/8") D  
**Weight** . . . . . 21.4 kg (47.2 lbs) net  
 23.8 kg (52.5 lbs) packed

\* Design and specifications subject to changes without notice for improvements.



SANSUI ELECTRIC CO., LTD.