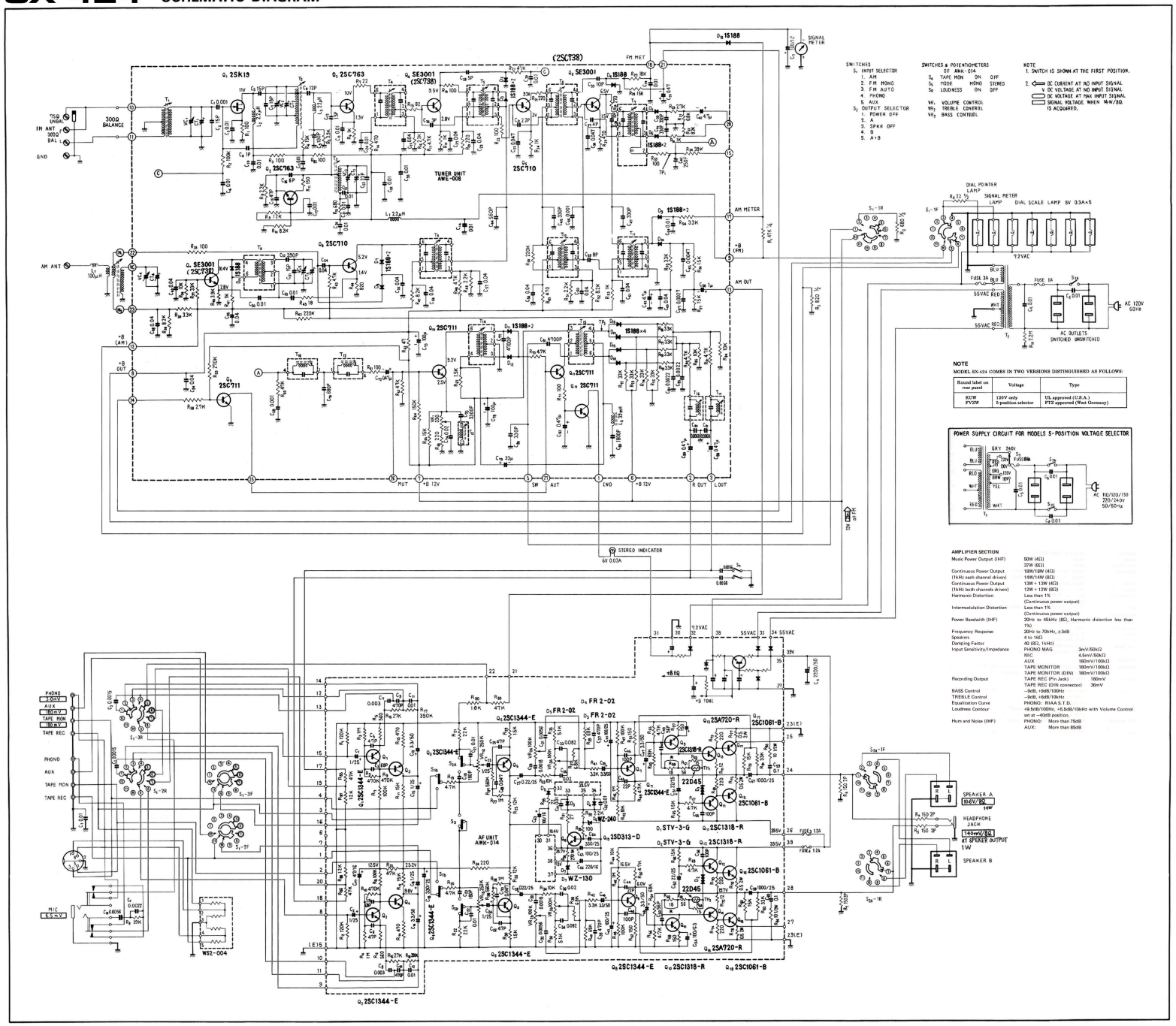
AM/FM STEREO RECEIVER
SX-424 SCHEMATIC DIAGRAM

PIONEER



NOTE

MODEL SX-424 COMES IN TWO VERSIONS DISTINGUISHED AS FOLLOWS:

Round label on rear panel	Voltage	Type
KUW PVZW	120V only 5-position selector	UL approved (U.S.A.) PTZ approved (West Germany)

POWER SUPPLY CIRCUIT FOR MODELS 5-POSITION VOLTAGE SELECTOR

AMPLIFIER SECTION

Music Power Output (IHF)	50W (4Ω)	
	37W (8Ω)	
Continuous Power Output (1kHz each channel driven)	18W/18W (4Ω)	
	14W/14W (8Ω)	
Continuous Power Output (1kHz both channels driven)	13W + 13W (4Ω)	
	12W + 12W (8Ω)	
Harmonic Distortion	Less than 1% (Continuous power output)	
Intermodulation Distortion	Less than 1% (Continuous power output)	
Power Bandwith (IHF)	20Hz to 45kHz (8Ω, Harmonic distortion less than 1%)	
Frequency Response	20Hz to 70kHz, ±3dB	
Speakers	4 to 16Ω	
Damping Factor	40 (8Ω, 1kHz)	
Input Sensitivity/Impedance	PHONO MAG	3mV/50kΩ
	MIC	4.5mV/50kΩ
	AUX	180mV/100kΩ
	TAPE MONITOR	180mV/100kΩ
	TAPE MONITOR (DIN)	180mV/100kΩ
Recording Output	TAPE REC (Pin Jack)	180mV
	TAPE REC (DIN connector)	36mV
BASS Control	−9dB, +9dB/100Hz	
TREBLE Control	−9dB, +6dB/10kHz	
Equalization Curve	PHONO: RIAA S.T.D.	
Loudness Contour	+9.5dB/100Hz, +5.5dB/10kHz with Volume Control set at −40dB position.	
Hum and Noise (IHF)	PHONO: More than 75dB	
	AUX: More than 85dB	