

Service Manual

Radio Cassette
RX-5030

FM-AM-FM Stereo Cassette Recorder



■ SPECIFICATIONS

Power Requirement:	AC; 100 ~ 110/115 ~ 127/200 ~ 220/ 230 ~ 250V, 50/60Hz Battery; 9V (six "D" size dry batteries) (Panasonic UM-1 or equivalent)	Output:	LINE OUT; sensitivity 0.36V load impedance 6.8kΩ under EXT SP; 3 ~ 8Ω HEADPHONE; 8Ω
Power Consumption:	16W	Speaker:	Woofer; 12cm (5") PM Dynamic speaker (3Ω) Tweeter; 3cm (1 1/2") ceramic speaker (200Ω)
Power Output:	8W (4W x 2)...RMS (max.)	Radio Frequency Range:	FM; 88 ~ 108MHz AM; 525 ~ 1610kHz
Frequency Range:	50 ~ 12,000Hz (with normal tape)	Intermediate Frequency:	FM; 10.7MHz AM; 455kHz
Recording System:	AC bias, Magnet erase	Sensitivity:	FM; 1.7μV/50mW output AM; 120μV/m/50mW output
Program Time:	1 hour with C-60 cassette tape	Dimensions:	47cm(W) x 25.5cm(H) x 14.6cm(D) [18 1/2"(W) x 10"(D) x 5 3/4"(D)]
Track System:	4-track 2-channel stereo recording and playback	Weight:	4.1kg (9 lb. 1 oz.) without batteries
Input:	MIC; sensitivity 0.25mV/applicable microphone impedance 200 ~ 600Ω LINE IN; sensitivity 250mV/47kΩ over		

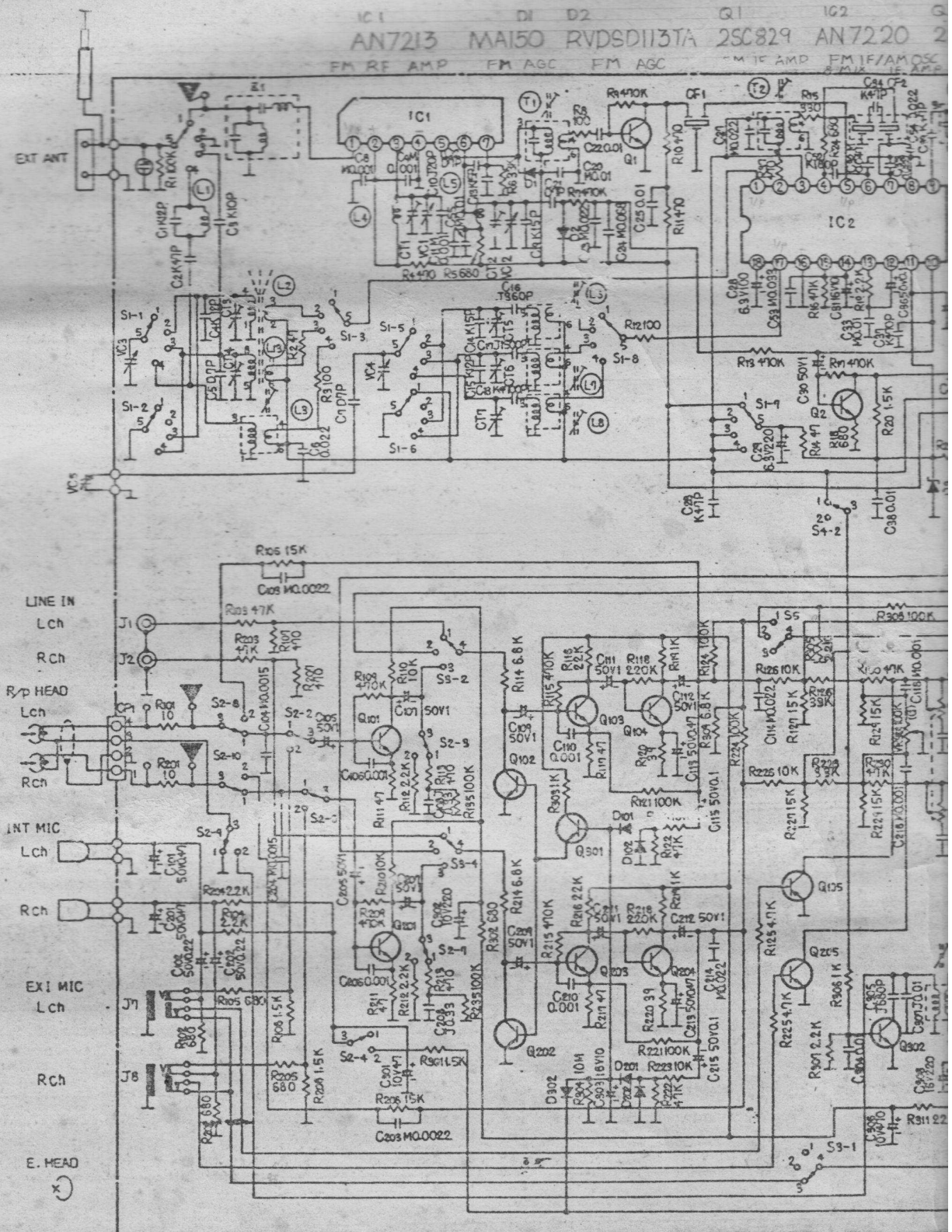
Specifications are subject to change without notice.

Panasonic

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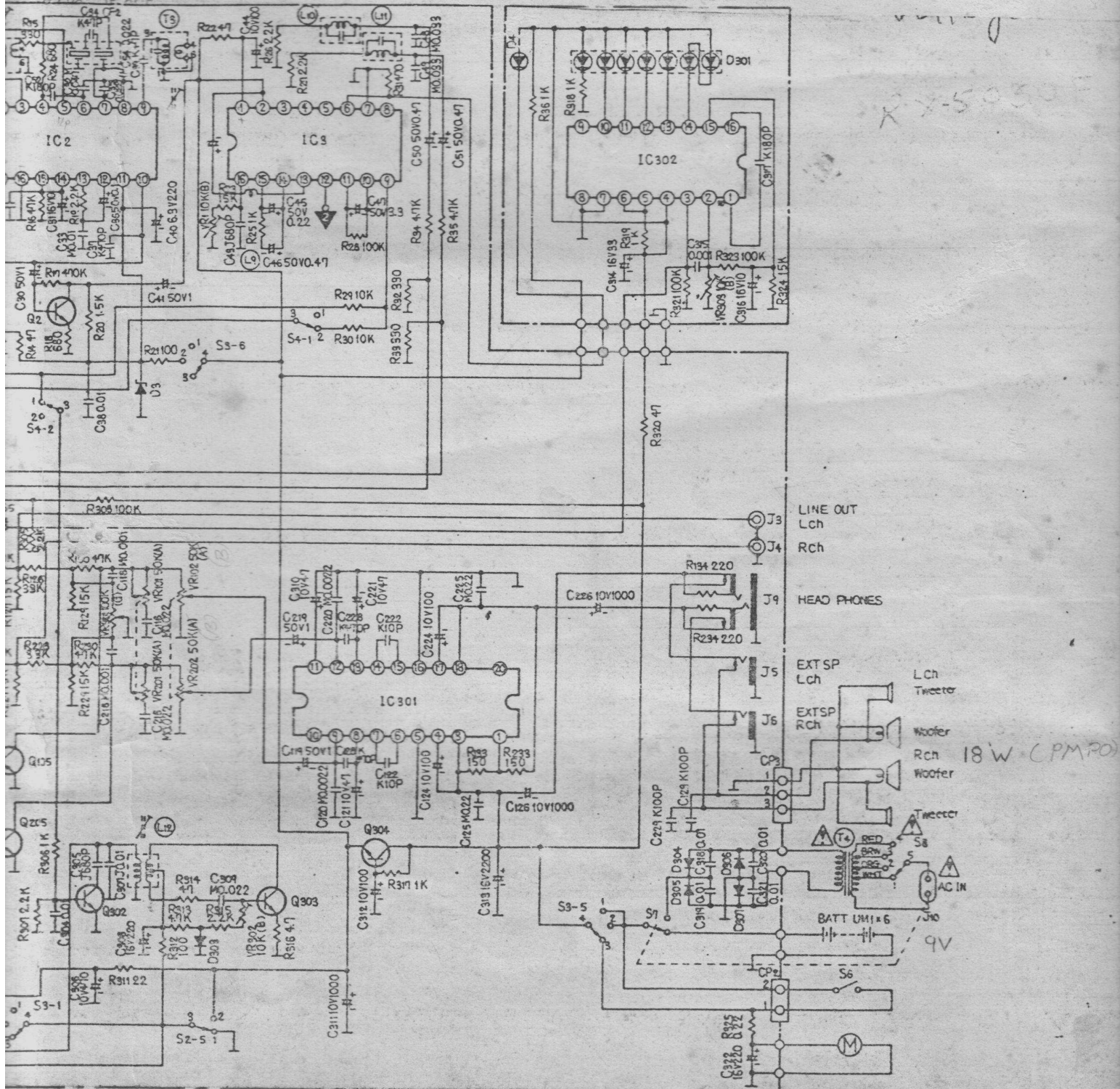


IC1 AN7213 MA150 RVPSD113TA
 IC2 25C829 AN7220
 FM RE AMP FM AGC FM AGC FM IF AMP FM IF/AMOSC

Q101,201 25C1327 EQ & MIC AMP
 Q102,202,301 25C828 AGC
 D302 MA150 SWITCHING
 Q103,203,104,204 25C1684 AF AMP
 D101,102 MA150 AGC R

RX-5030F

IC2 Q2 D3 D4 D301
 AN7220 2SC1684 RVDU26R2BKTA LN230RPP LN07201P
 FM IF AMOSC AM AMP ZENNER FM ST IND LEVEL/BATT CHECK IND



Q105, 205, 302, 304 Q105, 205, 302, 304 D303 IC301 D304-307
 MA150 2SC828 MA27WATA RVILA4125 RVD10E1LP
 AGC RECT MUTING SWITCHING, RIPPLE FILTER AOC POWER AMP RECT
 Q. 303
 2SC1788
 BIAS OSC

RX-5030F

18'W (PMPO)

Damida