

Service Manual

Radio Cassette
RX-C45LS

Portable Component System with 4-Band Radio



■ SPECIFICATIONS

General:

Power Requirement: AC; 110~115/115~127/200~220/
230~250 V, 50/60 Hz
Battery; 12 V (eight "D" Size Flashlight
Batteries)
(National UM-1 or equivalent)
Car battery; with optional car
adaptor RP-952

Power Consumption: 36 W (AC only)
Power Output: 15 W (7.5 W×2) . . . RMS (max.)
20 W (10 W×2) . . . MPO

Speaker:
Woofer; 10 cm (4") PM Dynamic
Speaker (3Ω)
Tweeter; 3 cm (1 1/4") Ceramic Speaker
(1.3 kΩ)

Input:
MIC; sensitivity 0.26 mV/applicable
microphone impedance 200~600Ω
Phono; sensitivity 2.5 mV/47 kΩ over
DC IN; 13.2 V

Output:
EXT SP; 3Ω~8Ω
Headphones; 8Ω

REC/PB Connection:
5P DIN type IN; 0.3 mV/3.3 kΩ over
OUT; 360 mV/4.7 kΩ under

Dimensions:
Total Size
537 (W)×176 (H)×183 (D) mm
(21 5/32×6 15/16×6 7/32)"
Main Unit
304 (W)×176 (H)×183 (D) mm
(11 31/32×6 15/16×7 7/32)"
Speaker Box
118 (W)×176 (H)×148 (D) mm
(4 21/32×6 15/16×5 13/16)"

Weight: 5.4 kg (11 lb. 14 oz.) without batteries

Radio Section:

Radio Frequency
Range: FM; 87.5~108 MHz
LW; 150~285 kHz (2000~1060 m)
MW; 520~1610 kHz (577~186 m)
SW; 5.9~18 MHz (50.8~16.7 m)

Intermediate Frequency: FM; 10.7 MHz
AM (LW/MW/SW); 455 kHz

Sensitivity: FM; 1.5μV (-3 dB Limit sens)
LW; 100μV/m/50 mW output
MW; 50μV/m/50 mW output
SW; 4μV/50 mW output

Tape Deck Section:

Frequency Response: 60~12,000 Hz (with normal tape)
60~15,000 Hz (with Metal tape)

Recording system: AC bias, AC erase

Tape Speed: 4.8 cm/s, (1 7/8 ips)

Wow and Flutter: 0.08% (WRMS)

Program Time: 1 hour with C-60 cassette tape

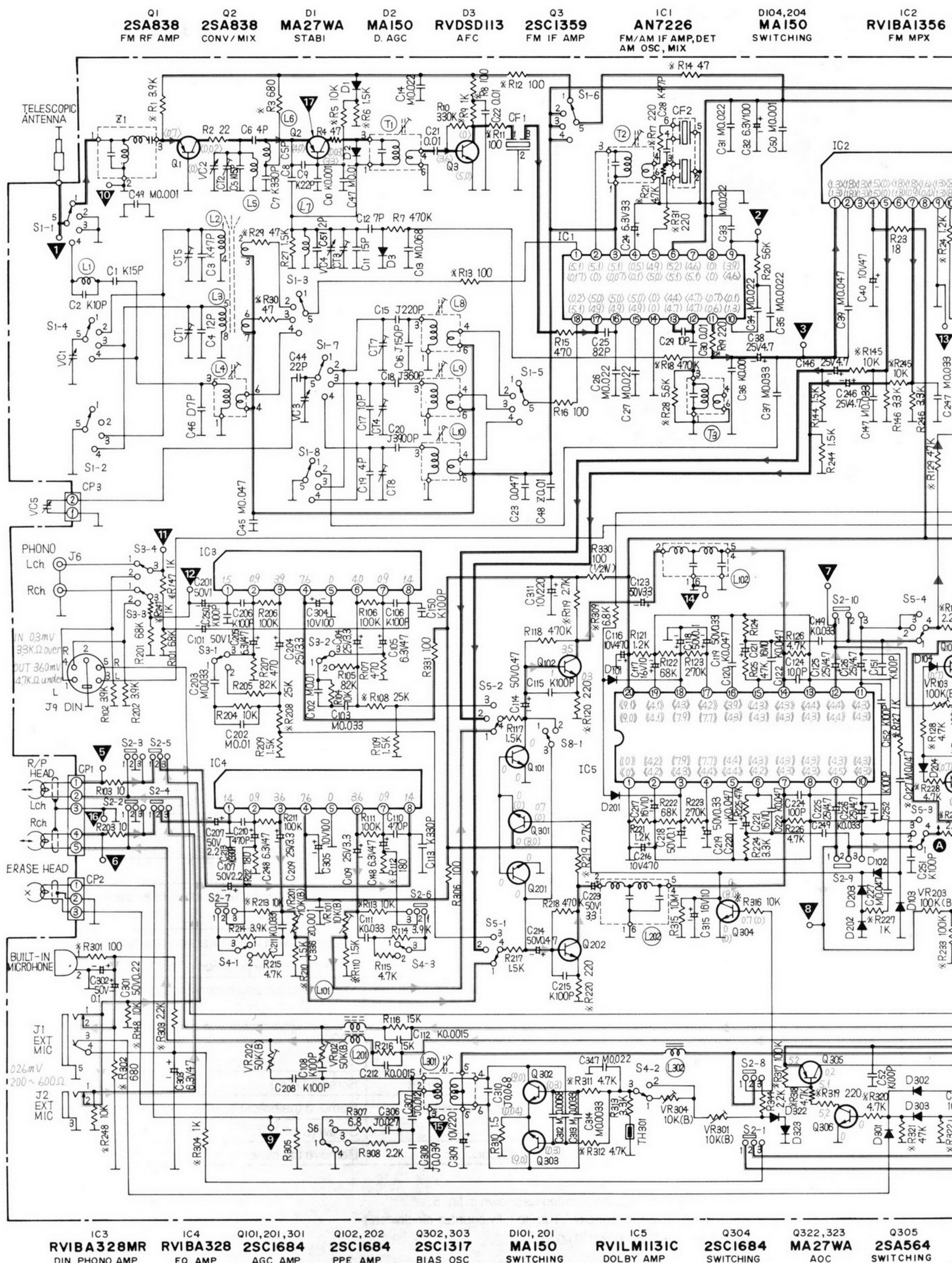
Track System: 4-track 2 channel stereo recording and
playback

Specifications are subject to change without notice.

Panasonic

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SCHEMATIC DIAGR



RAM MODEL RX-C45LS

