

Service Manual

Stereo Cassette Player

Mini Cassette
RQ-P300



Color

(K)... Black Type

Area

Country Code	Area	Color
[E]	Continental Europe.	(K)
[EB]	United Kingdom.	
[EG]	F.R. Germany.	
[EO]	Switzerland.	

■ SPECIFICATIONS

Power Requirement:	With optional AC adaptor; [E] [EG] [EO]....RPAC1Z (220V, 50Hz) [EB]RPAC1ZE (240V, 50Hz) Battery; 1.5V (one R6P/LR6, "UM-3" battery) Included Rechargeable Battery; 1.2V
Power Output:	10mW (5mW × 2)...RMS (max.)
Input:	DC IN; 1.5V (mini jack, φ2.5)
Output:	Headphones; 16Ω (φ3.5)
Dimensions:	71.8mm (W) × 105.5mm (H) × 24.2mm (D)
Weight:	146g with rechargeable battery
Frequency Response:	30~18,000Hz (with normal tape) 30~18,000Hz (with CrO ₂ tape) 30~18,000Hz (with Metal tape)
Motor:	Electrical governor motor
Tape Speed:	4.8cm/s
Track System:	4-track 2-channel stereo
Charger:	Input; AC220V, 50Hz, 4W (For [EB], AC 240V, 50Hz, 4W) Output; DC 1.2V, 350mA

Design and specifications are subject to change without notice.

Panasonic

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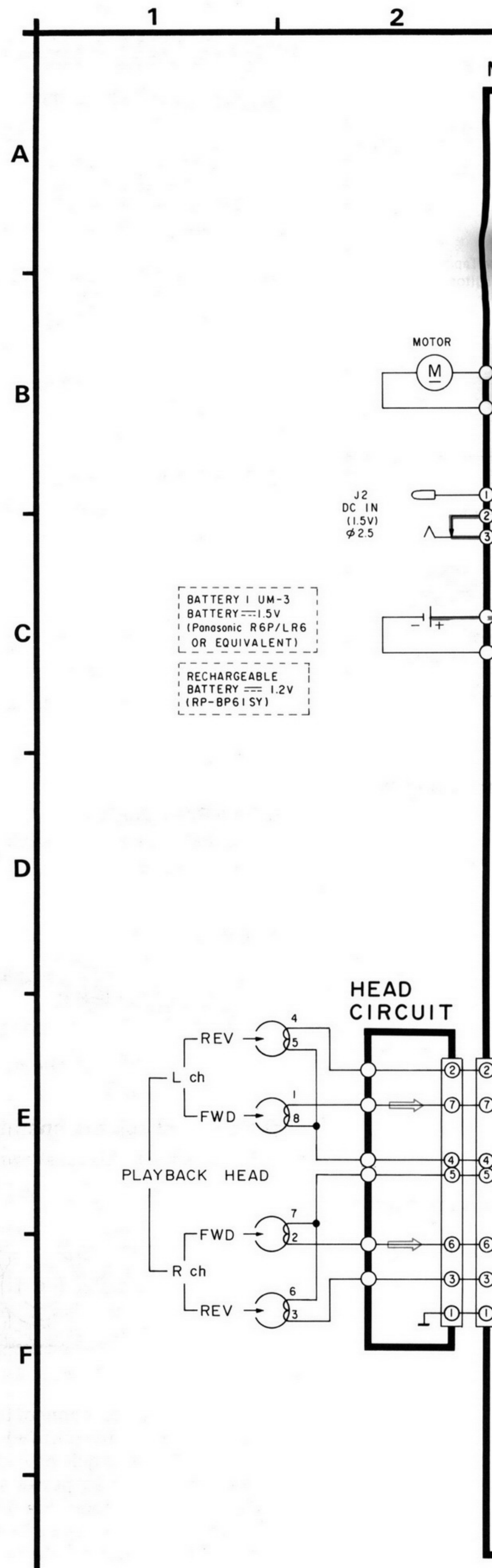
SCHEMATIC DIAGRAM

(Parts list on pages 14 and 15.)

Notes:

1. S1 : Tape selector switch in "NORMAL" position.
(N...Normal, M...CrO₂/Metal)
2. S2-1, S2-2 : FWD/REV switch in "FORWARD" position.
(F...Forward, R...Reverse)
3. S3 : Dolby NR switch in "OFF" position.
4. S4 : XBS selector switch in "OFF" position.
(OF...Off, MI...Mid, MA...Max)
5. S5 : Play switch in "OFF" position.
6. S6 : Stop switch.
7. S7 : Stop detect switch (leaf switch) in "OFF" position.
8. S8 : F.F./Direction switch.
9. S9 : REW/Repeat switch.
10. S10 : Hold switch in "OFF" position.
11. VR1 : Tape speed adjustment VR. (Forward)
12. VR2 : Tape speed adjustment VR. (Reverse)
13. VR3-1, VR3-2 : Volume control VR.
14. Battery current: No signal158mA (VR: MIN)
Maximum output171mA (VR: MAX)
15. DC voltage measurements are taken with electronics voltmeter from negative terminal of battery.
No mark...Playback (FWD) mode
16. (※) mark...Printed resistor.

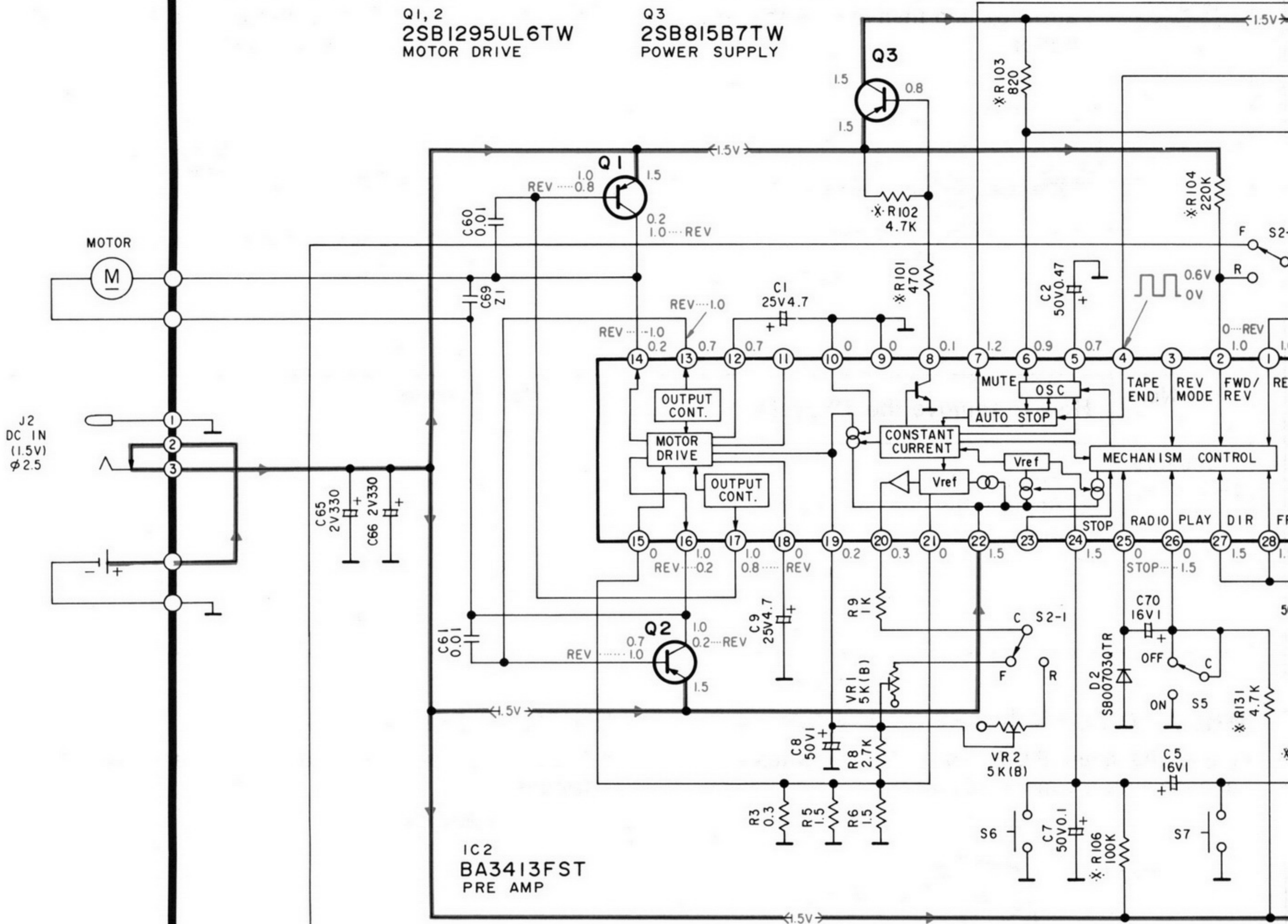
- This schematic diagram may be modified at any time with the development of new technology.
- The supply parts number is described alone in the replacement parts list.



MAIN CIRCUIT

BATTERY 1 UM-3
BATTERY 1.5V
(Panasonic R6P/LR6
OR EQUIVALENT)

RECHARGEABLE
BATTERY 1.2V
(RP-BP61SY)



HEAD CIRCUIT

