

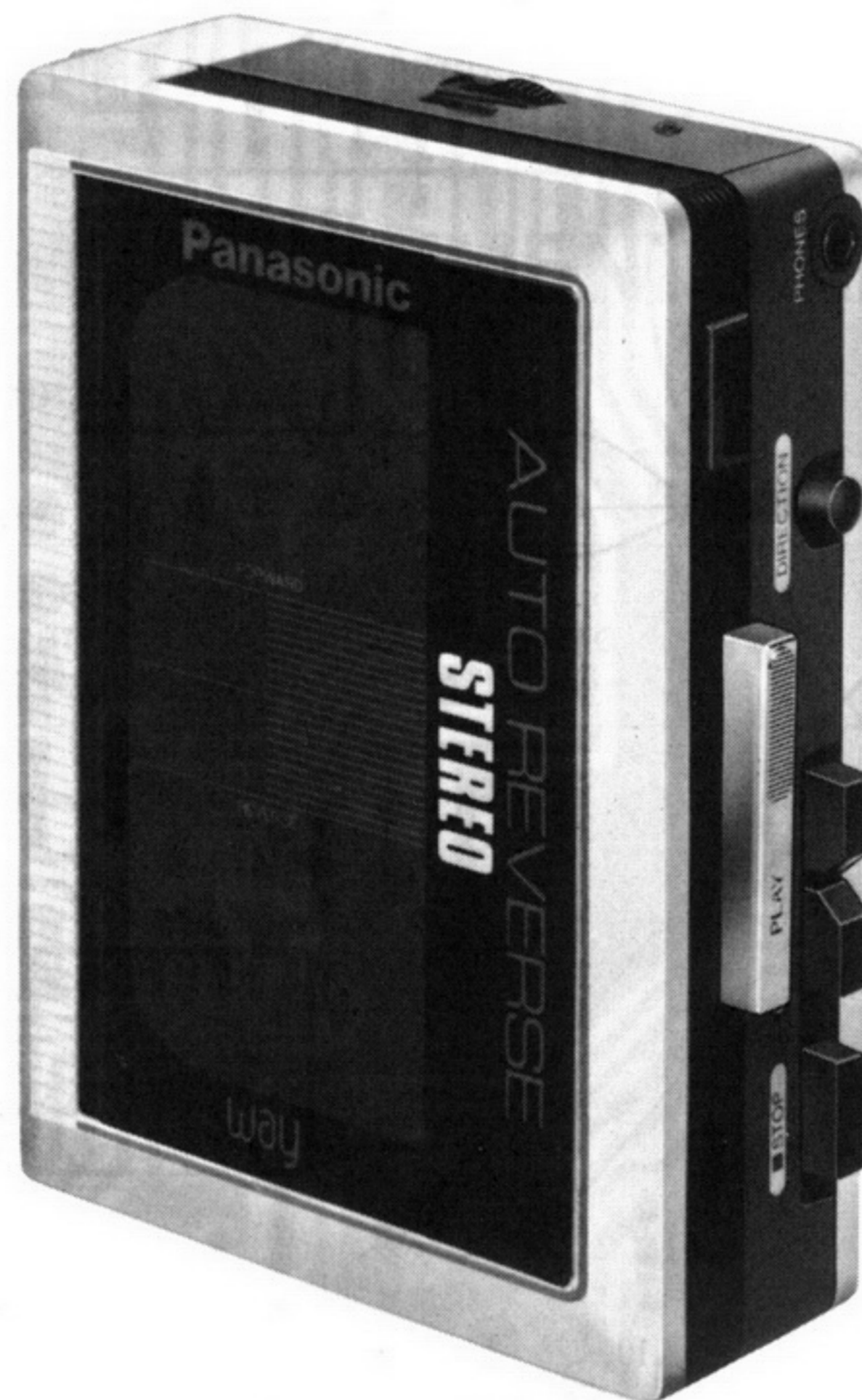
Service Manual

Mini Cassette

RQ-J7

(Red
White
Black)

Auto-Reverse
Stereo Cassette Player



This is the Service Manual for the following areas.

D ...For all European areas except United Kingdom.

B ...For United Kingdom.

N ...For Asia, Latin America, Middle East and Africa areas.

RQ-J7 MECHANISM SERIES

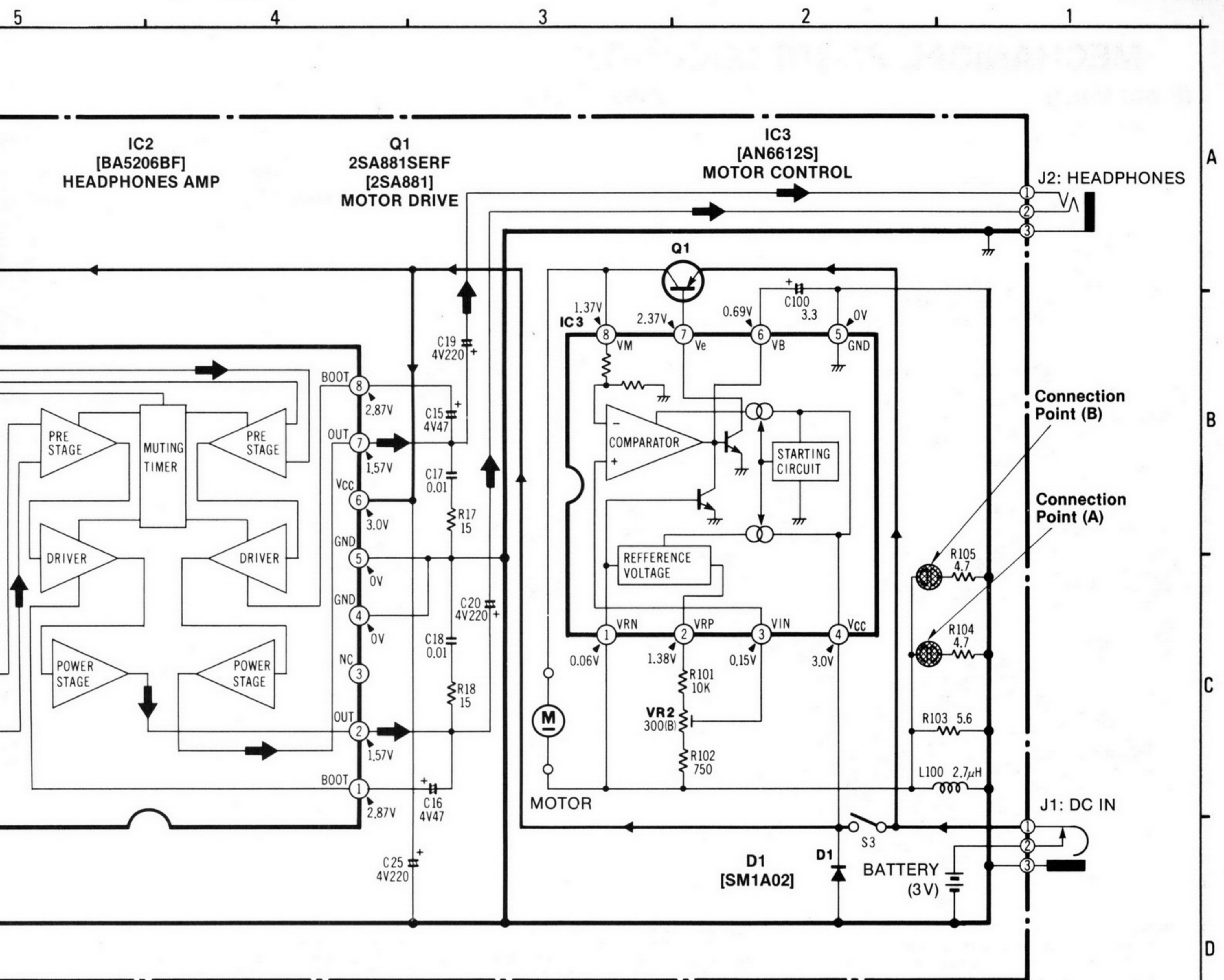
Specifications

Power requirements:	D ...AC; with optional Panasonic AC Adaptor RP-31	Fast forward and rewind time:	Approx. 155 seconds with C-60 cassette tape
	N ...AC; with optional AC adaptor RP-34	Jacks:	DC-in; 3V
	Battery; 3V [two R6 (UM-3) size batteries]	Headphones:	output level 20mW (at 16Ω)
Motor:	Electrical governor motor	Head:	1 super permalloy head for stereo playback
Tape speed:	4.8cm/s	Dimensions:	89mm(W)×112mm(H)×36mm(D)
Track system:	4-track 2-channel stereo playback with included stereo headphones	Weight:	235g, without batteries

Design and specifications are subject to change without notice.

 **National / Panasonic**

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan



ELECTRICAL PARTS LIST

NOTES: RESISTORS

- ERD Carbon
- ERG Metal-oxide
- ERS Metal-oxide
- ERO Metal-film
- ERX Metal-film
- ERQ Fuse type metallic
- ERC Solid
- ERF Cement

CAPACITORS

- ECBA Ceramic
- ECG Ceramic
- ECK Ceramic
- ECC Ceramic
- ECF Ceramic
- ECQM Polyester film
- ECQE Polyester film
- ECQF Polypropylene

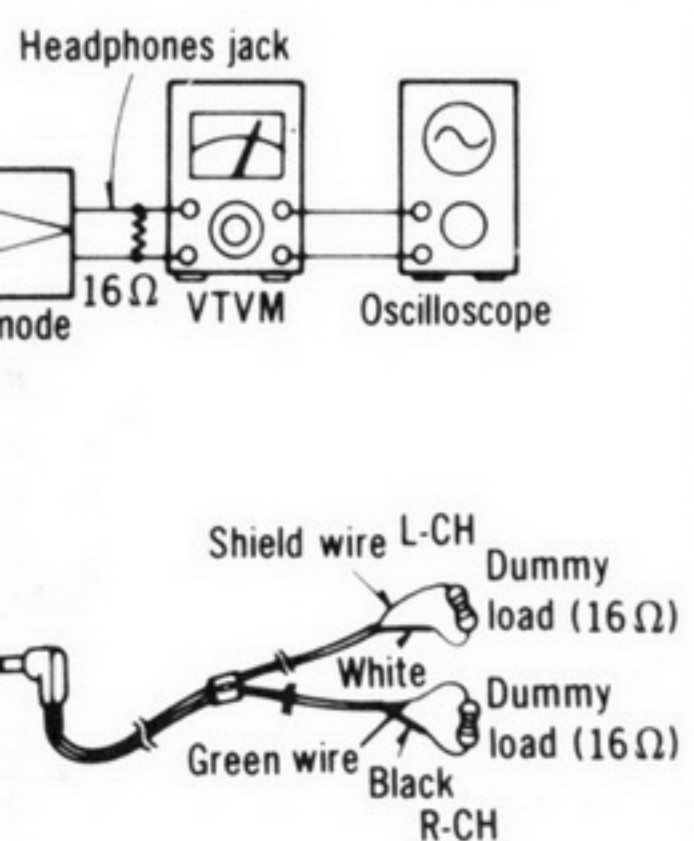
- ECE Electrolytic
- ECE Non polar electrolytic
- ECQS Polystyrene
- ECS Tantalum
- QCS Tantalum

- CHIP RESISTORS
- RRD Carbon
- CHIP CAPACITORS
- QCU Ceramic

Volume control...MAX.

125Hz: 0±4dB
315: 0dB
8kHz: -1±4dB

Greater than 0.6V



Ref. No.	Part No.	Part Name & Description
COIL		
L 100	ELEMT2R7MR	Peaking Coil
SWITCHES		
S 1	QSS2238	Slide Switch (for FWD/REV)
S 3	QSB0311	Leaf Switch (for PLAYBACK)
JACKS		
J 1	QJA0149	DC IN Jack
J 2	RJJ1D22Z	HEADPHONES Jack

REPLACEMENT PARTS LIST

Ref. No.	Part No.	Ref. No.	Part No.
RESISTORS			
R 1, 2	RRD18XJ153	VR 1	EVUBAAT50C24
R 3, 4	RRD18XJ151	VR 2	QVNB3A00B32L
R 5, 6	RRD18XJ184	CAPACITORS	
R 7, 8	RRD18XJ822	C 1, 2	QCUT1H392MRL
R 11, 12	RRD18XJ682	C 3, 4	QCUT1H102MRL
R 13, 14	RRD18XJ222	C 5, 6	ECEA0GK470
R 15, 16	RRD18XJ471	C 7, 8	QCUX1E224ZFX
R 17, 18	RRD18XK150	C 9, 10	QCUT1H153MRL
R 19	RRD18XJ391	C 13, 14	ECEA0JKS220
R 101	ERSB15J103	C 15, 16	ECEA0GKS470
R 102	RRD18XJ751	C 17, 18	QCUT1H103MRL
R 103	RRD18XK5R6		
R 104, 105	RRD18XK4R7		

Ref. No.	Part No.
C 19	ECEA0GKS221
C 20, 23	ECEA0GK221
C 24	ECEA0GKS470
C 25	ECEA0GK221
C 26	ECEA0GKS221
C 100	ECSF0JD335
TRANSISTOR	
Q 1	2SA881
DIODE & RECTIFIER	
D 1	SM1A02
INTEGRATED CIRCUITS	
IC 1	BA3404F
IC 2	BA5206BF
IC 3	AN6612S