

# Service Manual

Radio Cassette

## RX-CS700

Portable Stereo Component System

Color

(K) ..... Black Type



Area

Country Code	Area	Color
(E)	Continental Europe	
(EB)	Great Kingdom	(K)
(EG)	F.R. Germany/Italy	

### RX-C32 MECHANISM SERIES

#### ■ SPECIFICATIONS

##### General:

Power Requirement: AC; 220 V, 50 Hz  
(For [EB], 240 V, 50 Hz)  
Battery, 9 V (Six UM-1 "D" Size Batteries)

Power Consumption: 15 W (AC only)

Power Output: 20 W (10 W × 2)...PMPO  
7 W (3.5 W × 2)...RMS (max.)

Speaker: Woofer; 12 cm PM Dynamic Speaker (2.7Ω) × 2  
Tweeter; 2 cm Ceramic Speaker

Jacks:  
Input; CD/LINE IN; 398 mV, 47 kΩ  
Output; EXT. SP; 2.7~8Ω  
HEADPHONES; 32Ω, Ø3.5

Dimensions: Total Size;  
530(W) × 199(H) × 170(D) mm  
Main Unit;  
260(W) × 199(H) × 170(D) mm  
Speaker Box;  
144(W) × 199(H) × 152(D) mm

Weight: 3.4 kg without batteries

##### Radio Section:

Radio Frequency Range: FM; 87.5 ~ 108 MHz  
LW; 148.5 ~ 285 KHz  
MW; 520 ~ 1610 KHz  
SW; 5.9 ~ 18 MHz

Intermediate Frequency: FM; 10.7 MHz  
AM (LW/MW/SW); 459 KHz

Sensitivity: FM; 4.5 μV/50 mW output (-3dB Limit Sens.)  
LW; 142 μV/50 mW output  
MW; 126 μV/50 mW output  
SW; 5 μV/50 mW output

##### Tape Deck Section:

Frequency Response: 70~11,000 Hz

Recording System: AC bias, Magnet erase

Tape Speed: 4.8 cm/s

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

Design and specifications are subjected to changes without notice.

**Panasonic**®

Matsushita Electric Industrial Co., Ltd.  
Central P.O. Box 288, Osaka 530-91, Japan

# SCHEMATIC DIAGRAM

**Notes:**

1. Sw1-1, Sw1-2: FM Mode Selector/Beat Proof switch in "FM MONO/■" position.  
(M...FM/MONO/■, ST1... FM ST/■, ST2... FMST/■■).
2. Sw2-1 ~ Sw2-8: Band Selector switch in "FM" position.  
(F...FM, L...Lw, M...Mw, S...Sw).
3. Sw3-1 ~ Sw3-6: Function selector switch in "TAPE/POWER OFF" position.  
(T...TAPE/POWER OFF, R...RADIO, L...CD/LINE)
4. Sw4-1 ~ Sw4-4: Record/Playback selector switch in "PLAYBACK" position.  
(P...PLAYBACK, R...RECORD)
5. Sw5: AC/DC selector switch in "AC" position.
6. Sw6: Motor switch in "OFF" position.
7. VR1: FM MPX VCO Adjustment VR.
8. VR301-1, VR301-2: Graphic equalizer VR (100Hz).
9. VR302-1, VR302-2: Graphic equalizer VR (330Hz).
10. VR303-1, VR303-2: Graphic equalizer VR (1kHz).
11. VR304-1, VR304-2: Graphic equalizer VR (3.3kHz).
12. VR305-1, VR305-2: Graphic equalizer VR (10kHz).
13. VR306-1, VR306-2: Volume control VR
14. VR307: Balance control VR
15. Battery current: Vol. min...60mA (Radio...FM)  
130mA (PLAYBACK)  
Vol. max...470mA (Radio...FM)  
700mA (PLAYBACK)  
Measurement instruction  
Radio: FM 60 dB, 30% Mod.  
Tape: 315 Hz, 0 dB

16. DC voltage measurement is taken with electronics voltmeter from negative terminal of battery.

< >...FM ( )...AM  
No mark...PLAYBACK

Important safety notice.

Components identified by Δ mark have special characteristics important safety.

When replacing any of these components, use only manufacturer's specified parts.



• This schematic diagram may be modified at any time with the development of new technology.





