

Service Manual

FM-LW-MW-SW 1~9 12-Band Receiver

Radio
RF-B11

Colour

(K) : Black



Areas

Suffix for Model No.	Area	Colour
(PP)	U.S.A. and Canada	(K)
(E)	Europe	
(GC)	Asia, Latin America, Middle East and Africa	
(GN)	Oceania	

Specifications

Frequency Range:

FM	(PP)(GC)(GN)...88.0 – 108.0 MHz (E)...87.5 – 108.0 MHz
MW	(PP)(E)(GN)...520 – 1610 kHz (GC)...530 – 1605 kHz
LW	(PP)(E)(GN)...148.5 – 285 kHz (GC)...150 – 285 kHz
SW1 (60 m)	4.75 – 5.06 MHz
SW2 (49 m)	5.95 – 6.20 MHz
SW3 (41 m)	7.10 – 7.30 MHz
SW4 (31 m)	9.50 – 9.90 MHz
SW5 (25 m)	11.65 – 12.05 MHz
SW6 (22 m)	13.60 – 13.80 MHz
SW7 (19 m)	15.10 – 15.60 MHz
SW8 (16 m)	17.55 – 17.90 MHz
SW9 (13 m)	21.45 – 21.75 MHz

Intermediate Frequency:

FM	10.7 MHz
AM (LW/MW/SW)	460 kHz

Sensitivity:

FM	8.9 μ V/ 5 mW SP output (30 dB)
MW	501 μ V/m/ 5 mW SP output (20 dB)
LW	1000 μ V/m/ 5 mW SP output (20 dB)
SW1	12.5 μ V/ 5 mW SP output (20 dB)
SW2	11.2 μ V/ 5 mW SP output (20 dB)
SW3	11.2 μ V/ 5 mW SP output (20 dB)
SW4	8.9 μ V/ 5 mW SP output (20 dB)
SW5	6.3 μ V/ 5 mW SP output (20 dB)
SW6	12.5 μ V/ 5 mW SP output (20 dB)
SW7	8.9 μ V/ 5 mW SP output (20 dB)
SW8	7.0 μ V/ 5 mW SP output (20 dB)
SW9	7.0 μ V/ 5 mW SP output (20 dB)

Power Requirement:

Battery	DC 3 V (two "AA" size, R6/LR6, UM-3 batteries)
AC	DC IN 3 V with optional Panasonic AC adaptor (RP-AC31)

Speaker:	8 cm PM dynamic speaker, 4. Ω
Output Power:	300 mW (RMS...max.)
Output Jack:	PHONES; \varnothing 3.5, 16 Ω
Dimensions:	174 (W) \times 92 (H) \times 33 (D) mm
Weight:	300 g (without batteries)

Notes:

1. Weight and dimensions shown are approximate.
2. Design and specifications are subject to change without notice.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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Schematic Diagram

→ : FM Signal Line

→ : AM Signal Line

→ : + B Line

