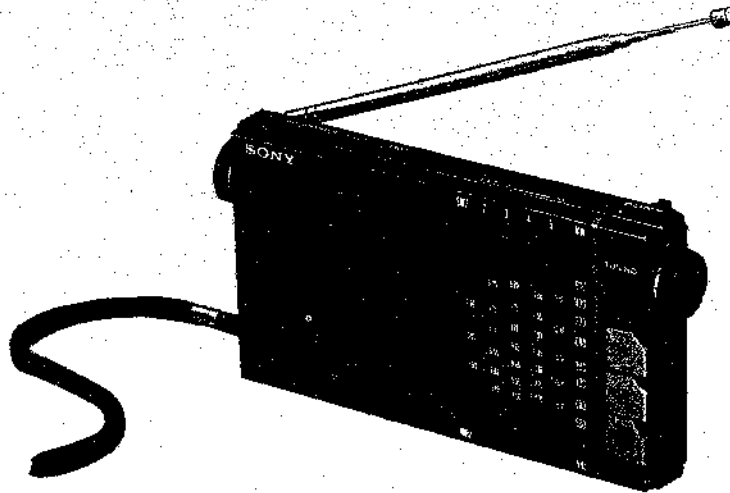


# ICR-4800

*US Model  
Canadian Model  
AEP Model  
E Model*



## MW/SW 6 BAND RECEIVER

### SPECIFICATIONS

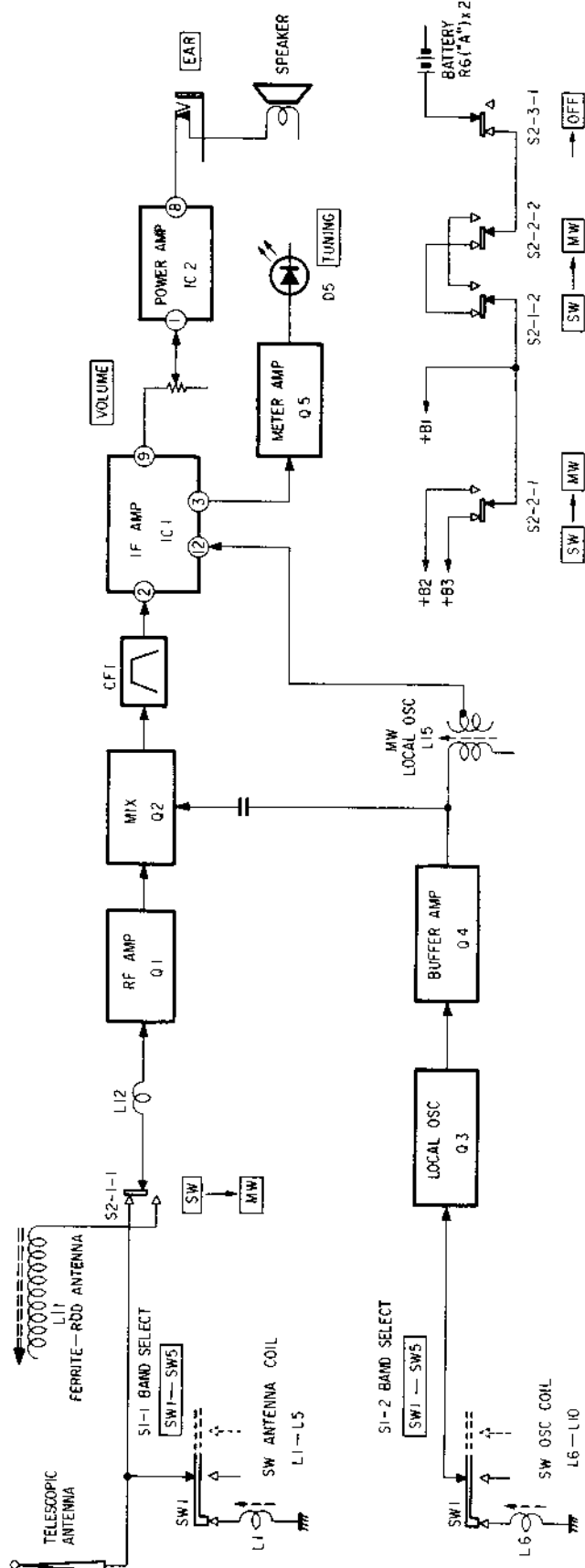
Frequency range	SW <sub>1</sub> 5.95–6.20 MHz (49 m) SW <sub>2</sub> 9.45–9.85 MHz (31 m) SW <sub>3</sub> 11.70–12.00 MHz (25 m) SW <sub>4</sub> 15.10–15.50 MHz (19 m) SW <sub>5</sub> 17.60–18.00 MHz (16 m) MW 530–1,605 kHz (566–187 m)
Antennas	SW: Telescopic antenna MW: Built-in ferrite bar antenna
Speaker	Approx. 5 cm (2 inches) dia.
Power output	150 mW (at 10% harmonic distortion)
Output	Earphone jack (minijack)
Power requirements	3 V dc, two batteries IEC designation R6 (size AA)
Battery life	Approx. 22 hours with Sony SUM-3 (NS) New Super Batteries.
Dimensions	Approx. 133.5 × 74 × 22 mm (w/h/d) (5 <sup>1</sup> / <sub>4</sub> × 2 <sup>15</sup> / <sub>16</sub> × <sup>7</sup> / <sub>8</sub> inches) not incl. projecting parts and controls
Weight	Approx. 225 g (8 oz) incl. batteries



**SONY**<sup>®</sup>  
**SERVICE MANUAL**

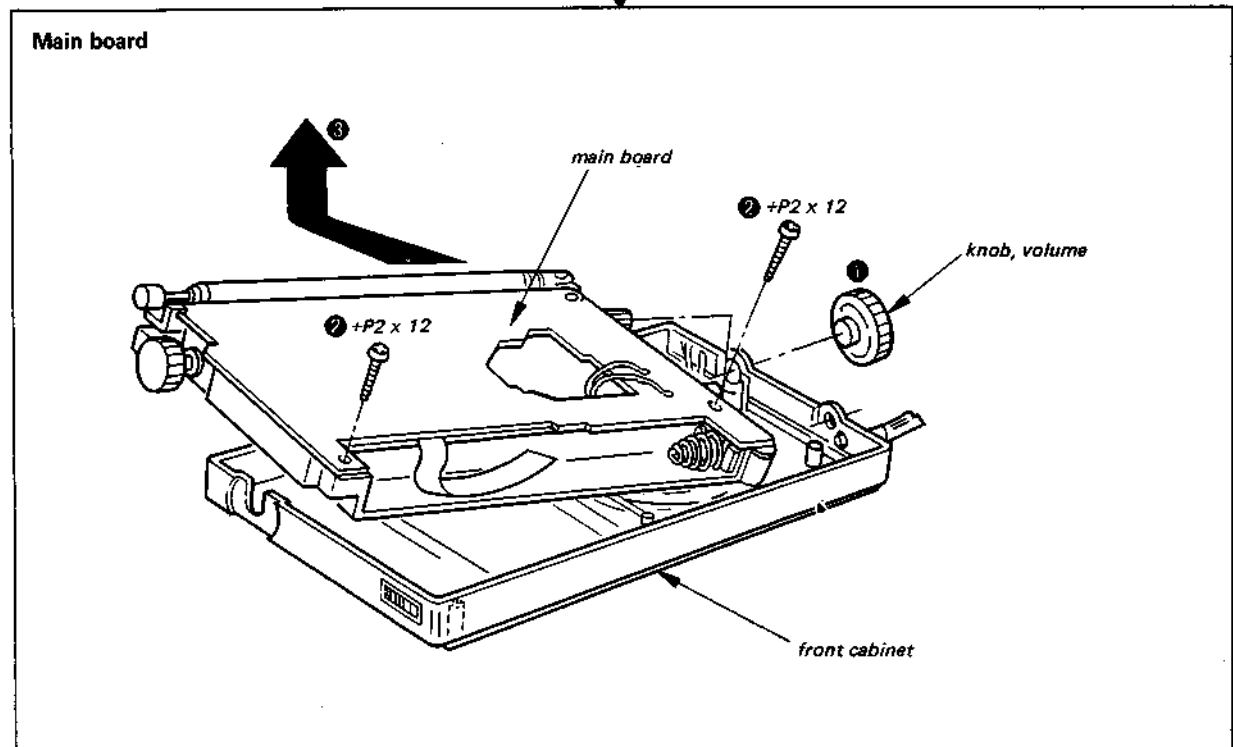
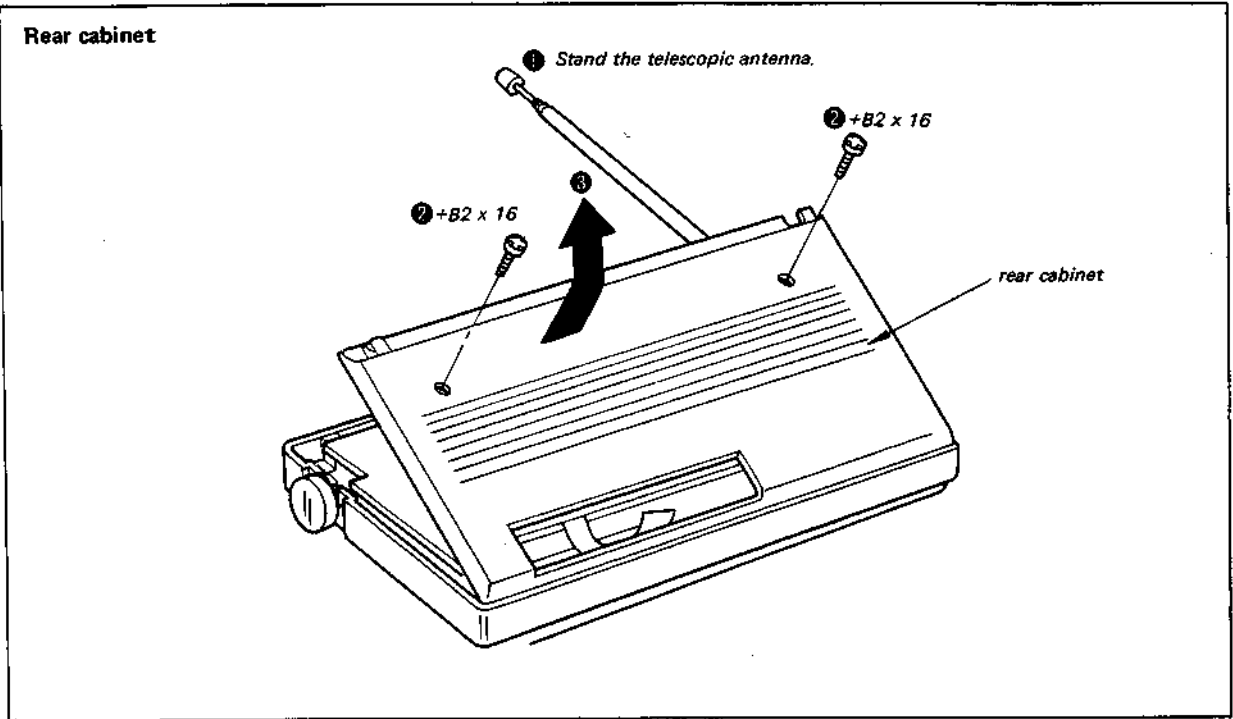
## SECTION 1 OUTLINE

### 1-1. BLOCK DIAGRAM



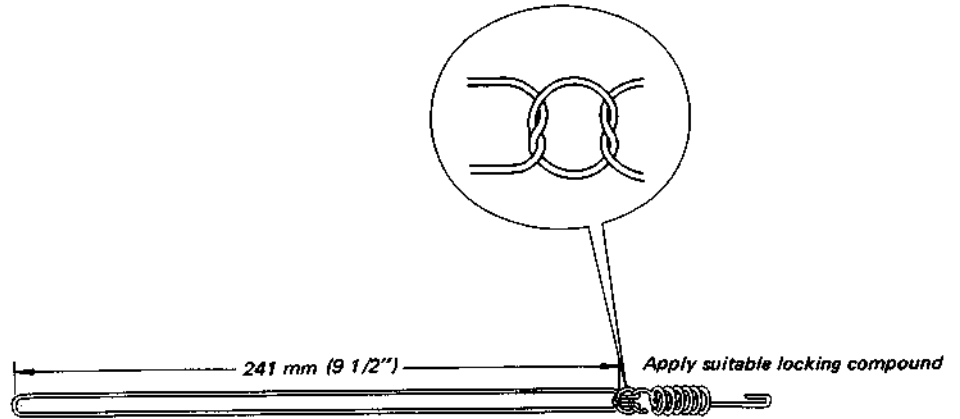
SECTION 2  
DISASSEMBLY

- Follow the disassembly procedure in the numerical order given.

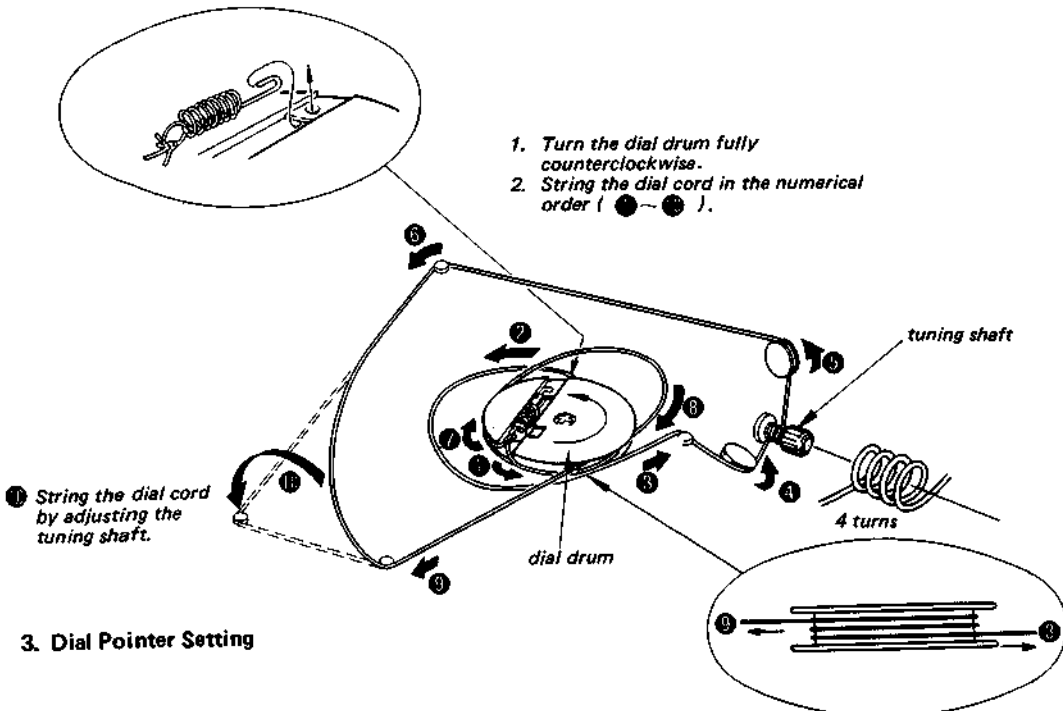


## DIAL CORD STRINGING

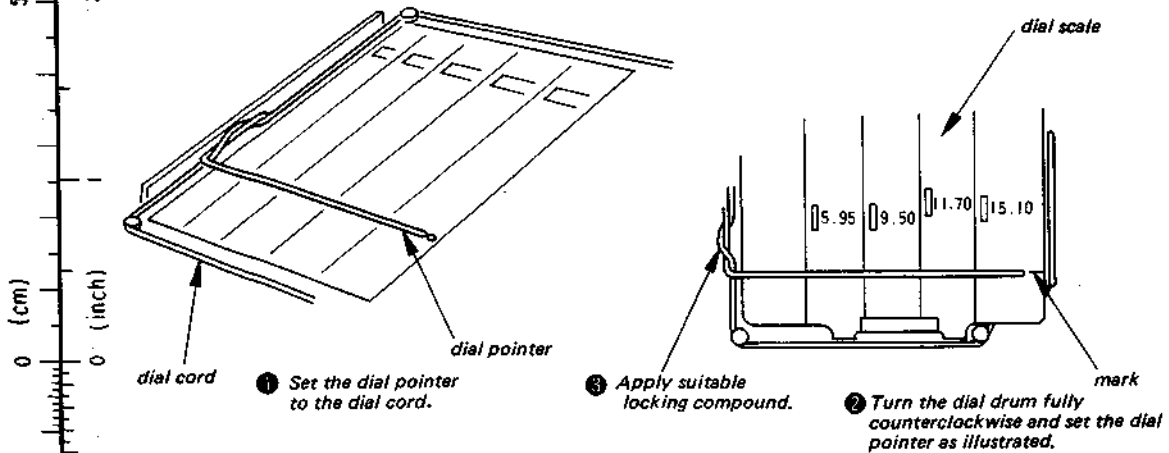
### 1. Preparation



### 2. Stringing

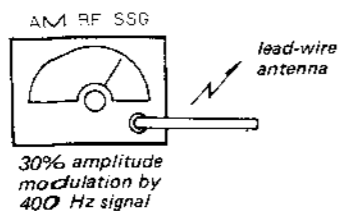


### 3. Dial Pointer Setting

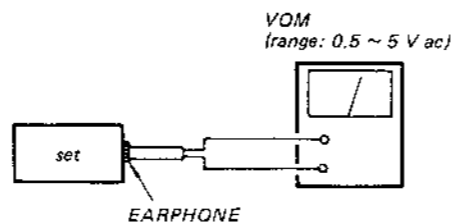


SECTION 3  
ADJUSTMENTS

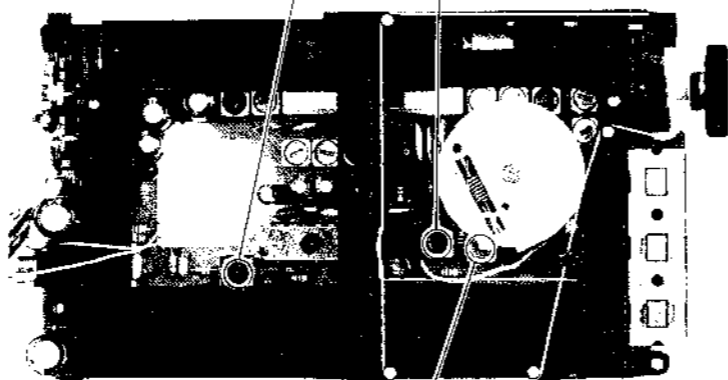
1. MW SECTION



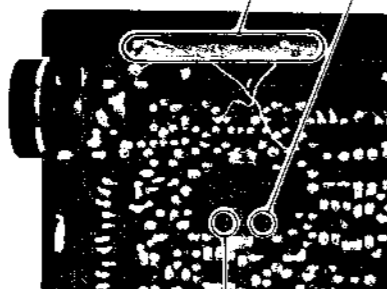
- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.



**MW IF ALIGNMENT**  
Adjust for maximum reading on VOM.  
IFT2 IFT1

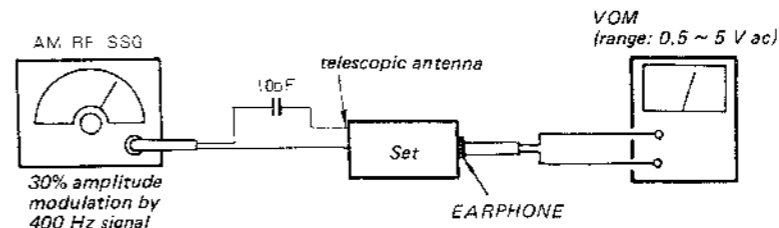


**TRACKING ADJUSTMENT**  
620kHz 1,400kHz  
L11 CT2-1



CT2-2 L15  
1,650kHz 520kHz  
**FREQUENCY COVERAGE ADJUSTMENT**

2. SW SECTION

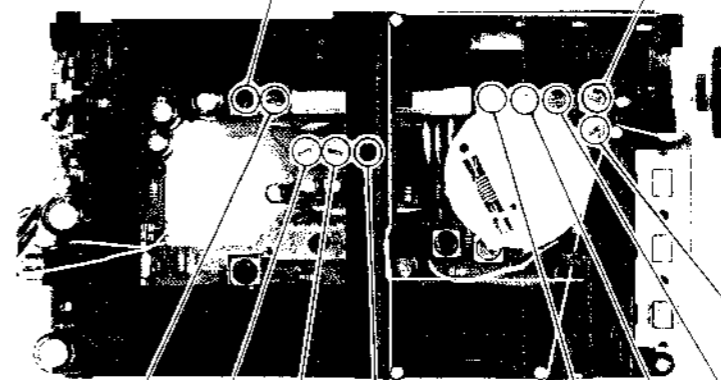


- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

After the adjustment of SW2, set to the dial pointer at 3.95MHz on the dial scale, then adjust SW1, 3~5 at the same position.

**SW2 FREQUENCY COVERAGE ADJUSTMENT**  
5.90MHz 6.25MHz  
L2 CT1-2

**SW2 TRACKING ADJUSTMENT**  
6.075MHz  
L7



L6 L8 L9 L10  
SW1 SW3 SW4 SW5  
3.95MHz 9.65MHz 11.85MHz 15.30MHz  
**SW 1,3 - 5 FREQUENCY ADJUSTMENT**

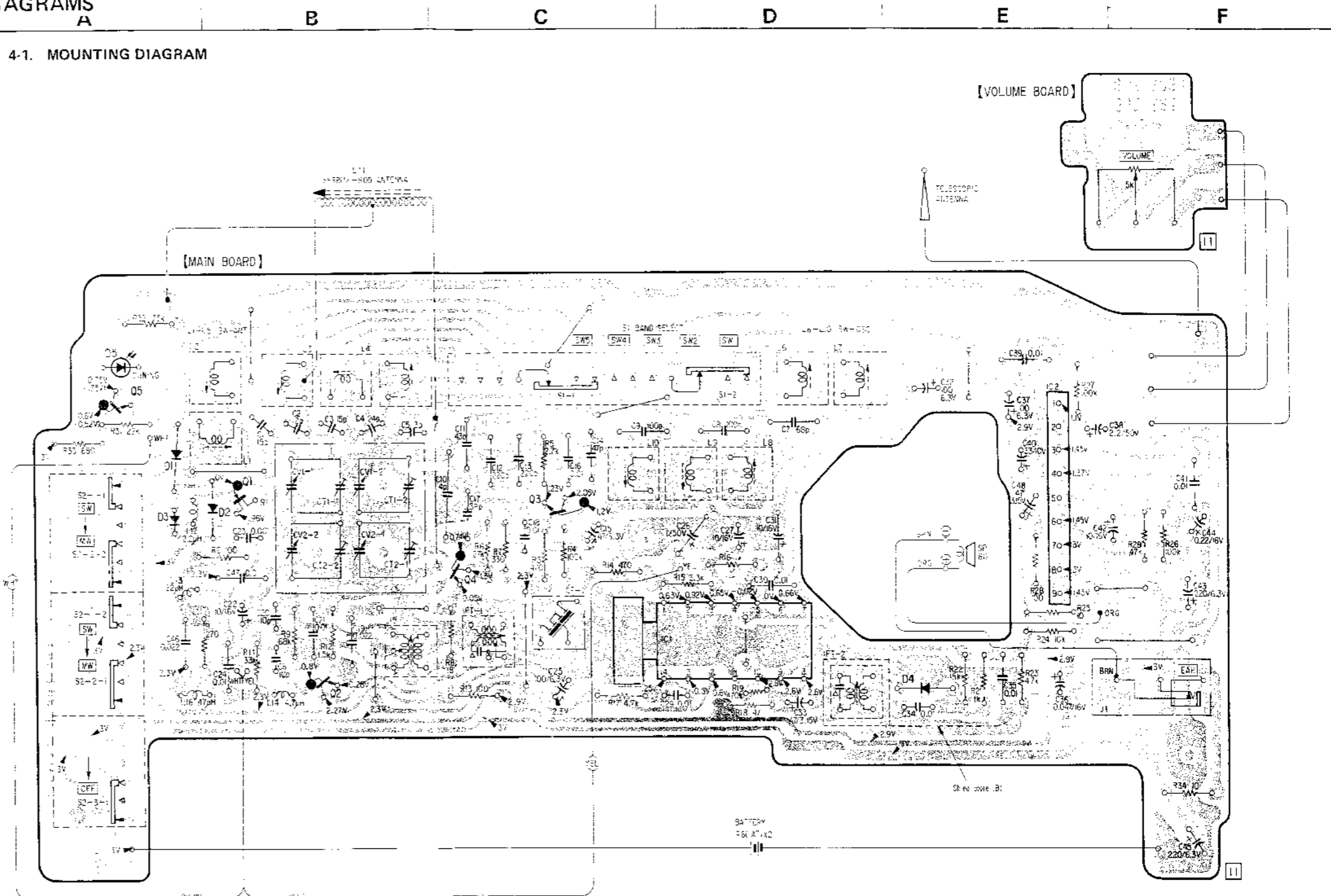
L5 L4 L3 L1  
SW5 SW4 SW3 SW1  
15.3MHz 11.85MHz 9.65MHz 3.95 MHz  
**SW 1,3 - 5 TRACKING ADJUSTMENT**

SECTION 4  
DIAGRAMS

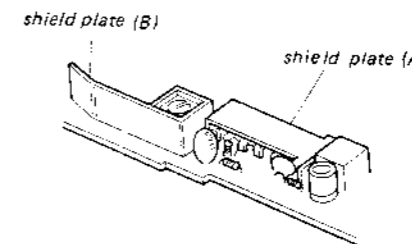
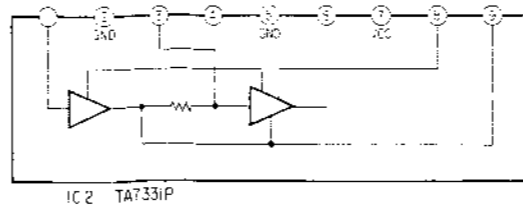
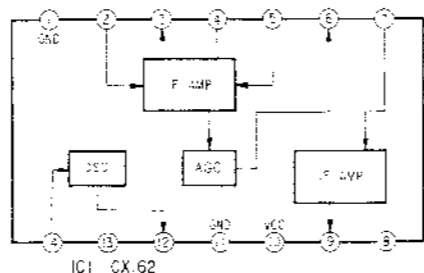
Replacement Semiconductors

<p><b>CX162</b></p> <p>Top view</p>	<p><b>2SK120</b></p>
<p><b>TA7331P</b></p>	<p><b>1S1555</b> <b>1S1585</b> <b>1SS106</b></p>
<p><b>2SC930</b></p>	<p><b>SLP144B</b></p>
<p><b>2SC2785-E</b></p>	
<p><b>2SC2839</b></p>	

4-1. MOUNTING DIAGRAM



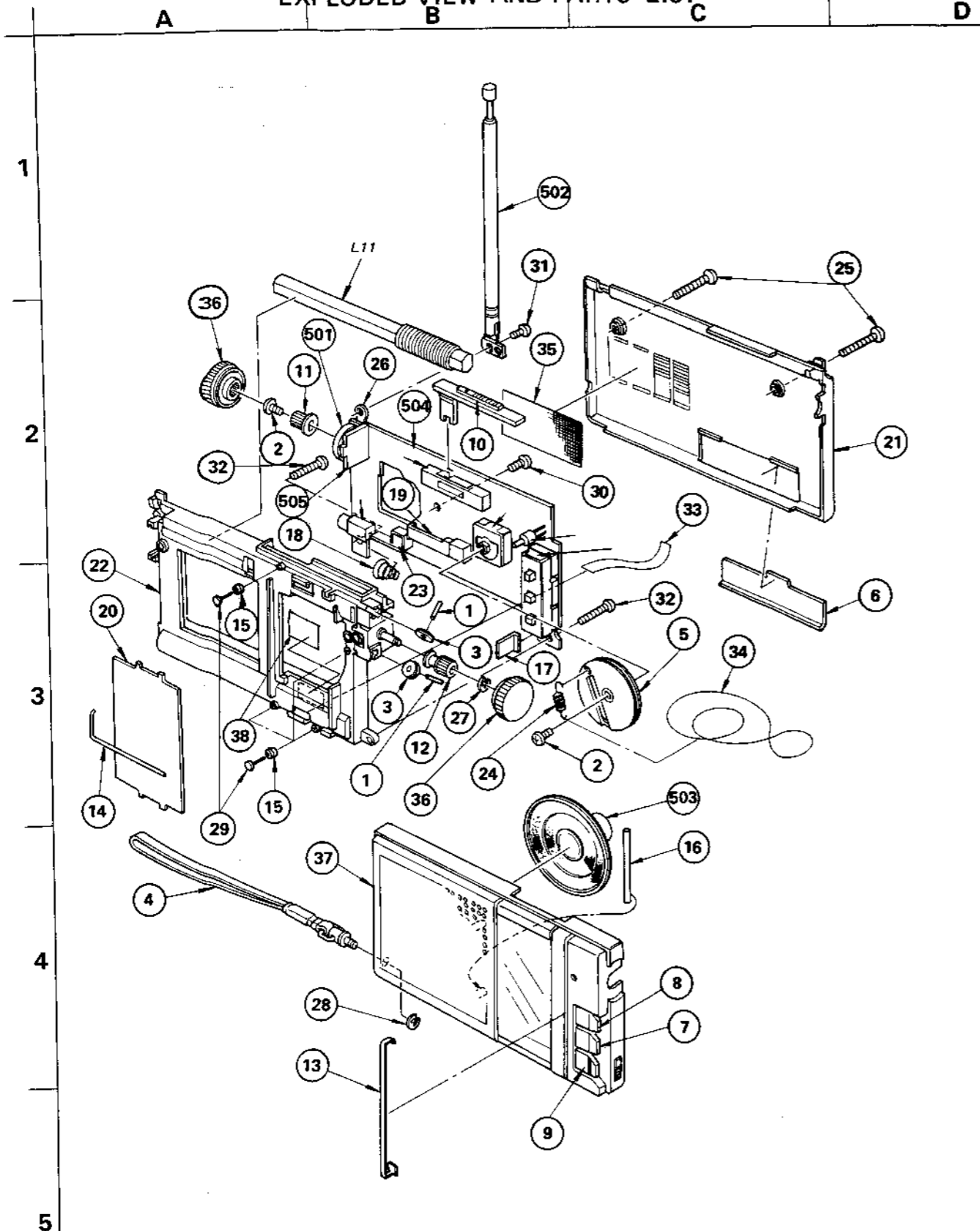
- — parts extracted from the component side.
- — parts extracted from the conductor side.
- — B+ pattern





# ICR-4800 ICR-4800

## SECTION 5 EXPLODED VIEW AND PARTS LIST



### GENERAL SECTION

No.	Part No.	Description
1	3-703-358-00	* PIN, PARALLEL (DIA. 2X5)
2	3-880-990-00	SCREW (1.7X3), FLAT, (+) SPECIAL
3	3-881-911-00	PULLEY
4	3-881-938-00	STRAP, HAND
5	3-889-801-00	DRUM, DIAL
6	3-889-802-00	LID, BATTERY CASE
7	3-889-803-00	BUTTON (MW), MAIN
8	3-889-804-00	BUTTON (SW), MAIN
9	3-889-805-00	BUTTON, OFF
10	3-889-806-00	KNOB, SELECTION, SUB BAND
11	3-889-808-00	SHAFT, CONTROL
12	3-889-809-00	SHAFT, TUNING
13	3-889-811-00	STRIP, ORNAMENTAL
14	3-889-813-00	POINTER
15	3-889-815-00	PULLEY (DIA. 2.5)
16	3-889-817-00	* SHAFT, KNOB
17	3-889-818-00	PLATE, POLE, BATTERY
18	3-889-819-00	SPRING
19	3-889-824-00	* PLATE (A), SHIELD
20	3-889-836-00	SCALE, DIAL
21	3-889-827-00	LID, REAR, CABINET
22	3-889-829-00	CHASSIS
23	3-889-830-00	* PLATE (B), SHIELD
24	3-890-119-00	SPRING
25	7-621-772-88	SCREW +B 2X16
26	7-623-505-01	LUG, 2
27	7-624-103-01	RETAINING RING E-1.9
28	7-624-104-04	STOP RING 2.0, TYPE -E
29	7-625-702-40	RIVET 1.2X4
30	7-685-103-61	SCREW +P 2X5 TYPE4
31	7-685-105-61	SCREW +PTP 2X8
32	7-685-107-61	SCREW +P 2X12 TYPE4
33	9-911-816-01	CLOTH, DRAWER, BATTERY
34	9-911-825-52	STRING, DIAL
35	9-911-835-XX	NET, DUST PROTECTION
36	X-3889-802-1	TUNING KNOB ASSY
37	X-3889-803-1	CAB FRONT ASSY
38	3-701-999-00	(US,Canadian)...LABEL, SERIAL NUMBER

### ACCESSORY & PACKING MATERIAL

Part No.	Description
3-701-619-00	(US,Canadian)...BAG, PLASTIC
3-703-264-11	LABEL (B), SERIAL NUMBER
3-881-410-00	BAG, PROTECTION
3-889-833-00	CASE, CARRYING
3-889-835-00	SPACER
3-889-841-00	INDIVIDUAL CARTON
3-995-910-11	MANUAL, INSTRUCTION

### NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part numbers (A-ΔΔΔ-ΔΔΔ-XX or Δ-ΔΔΔΔ-ΔΔΔ-X) may be different from those used in the set.

### ELECTRICAL PARTS

Ref.No.	Part No.	Description
501	1-226-257-00	RES. VAR CARBON 5K
502	1-501-252-00	ANTENNA, TELESCOPIC
503	1-503-110-00	SPEAKER
504	A-3660-355-A	MOUNTED PCB (A), MAIN
505	1-606-336-00	PC BOARD, VOLUME
C10	1-102-631-00	CERAMIC 4PF 0.25PF 50V
C11	1-102-871-00	CERAMIC 43PF 5% 50V
C14	1-101-984-00	CERAMIC 47PF 5% 50V
C17	1-102-647-00	CERAMIC 39PF 5% 50V
CF1	1-527-290-00	FILTER, CERAMIC
CV1,2	1-151-395-00	CAP, TUNING, POLYETHYLENE
D1	8-719-815-55	DIODE 1S1555
D2	8-719-815-55	DIODE 1S1555
D3	8-719-815-55	DIODE 1S1555
D4	8-719-911-06	DIODE 1SS106
D5	8-719-901-44	DIODE SLP144B
IC1	8-751-620-00	IC CX-162
IC2	8-759-203-31	IC TA7331P
IFT1	1-404-362-00	TRANSFORMER, IF
IFT2	1-404-127-00	IFT (SMALL TYPE)
J1	1-507-562-00	JACK
L1	1-401-939-00	COIL, ANTENNA (SW1)
L2	1-401-964-00	COIL, ANTENNA (SW2)
L3	1-401-941-00	COIL, ANTENNA (SW3)
L4	1-401-942-00	COIL, ANTENNA (SW4)
L5	1-401-965-00	COIL, ANTENNA (SW5)
L6	1-405-993-00	COIL, OSC (SW1)
L7	1-406-008-00	COIL, OSC (SW2)
L8	1-405-985-00	COIL, OSC (SW3)
L9	1-405-986-00	COIL, OSC (SW4)
L10	1-406-009-00	COIL, OSC (SW5)
L11	1-401-943-00	ANTENNA, FERRITE-ROD (MW)
L12	1-408-555-00	MICRO INDUCTOR 2.2UH
L13	1-408-567-00	MICRO INDUCTOR 22UH
L14	1-407-186-XX	MICRO INDUCTOR 4.7UH
L15	1-405-987-00	COIL, OSC (MW)
L16	1-408-571-00	MICRO INDUCTOR 47UH
Q1	8-769-111-00	TRANSISTOR 2SK120
Q2	8-729-883-92	TRANSISTOR 2SC2839
Q3	8-729-803-04	TRANSISTOR 2SC930
Q4	8-729-883-92	TRANSISTOR 2SC2839
Q5	8-729-178-54	TRANSISTOR 2SC2785-E
SW1	1-553-961-00	SWITCH, SLIDE
SW2	1-553-982-00	SWITCH, PUSH

### CAPACITORS:

- All capacitors are in μF. Common capacitors are omitted. Refer to the following lists for their part numbers.
- MF: μF, PF: μμF.

### RESISTORS

- All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.

- F: nonflammable

### COILS

- MMH: mH, UH: μH



**ELECTROLYTIC CAPACITORS**

CAP. (μF)	RATING → : Use the high voltage rated one.					
	6.3 VOLT.	10 VOLT.	16 VOLT.	25 VOLT.	35 VOLT.	50 VOLT.
	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.
0.47						1-121-726-00
1.0						1-121-391-00
2.2						1-121-450-00
3.3	→	→	→	1-121-392-00	→	1-121-393-00
4.7	→	→	→	1-121-395-00	→	1-121-396-00
10	→	→	1-121-651-00	→	→	1-121-738-00
22	→	→	1-121-479-00	1-121-480-00	1-121-662-00	1-121-152-00
33	→	→	1-121-403-00	1-121-404-00	1-121-652-00	1-121-405-00
47	→	1-121-352-00	1-121-409-00	1-121-410-00	1-121-653-00	1-121-411-00
100	→	1-121-414-00	1-121-415-00	1-121-416-00	1-121-357-00	1-121-417-00
220	1-121-419-00	1-121-420-00	1-121-421-00	1-121-422-00	1-121-261-00	1-121-423-00
330	1-121-751-00	1-121-805-00	1-121-521-00	1-121-654-00	1-121-655-00	1-121-656-00
470	1-121-424-00	1-121-425-00	1-121-426-00	1-121-733-00	1-121-361-00	1-121-810-00
1000	-	1-121-736-00	1-121-245-00	1-121-657-00	1-121-388-00	1-123-061-00
2200	1-121-658-00	1-121-659-00	1-121-660-00	1-123-067-00	1-121-984-00	-
3300	1-121-661-00	1-123-075-00	1-123-071-00	-	-	-

CAP. (μF)	100 VOLT.	160 VOLT.	250 VOLT.	350 VOLT.
	PART No.	PART No.	PART No.	PART No.
0.47	-	-	-	-
1.0	1-123-249-00	1-123-252-00	1-123-003-00	1-121-168-00
2.2	1-123-250-00	1-123-026-00	-	1-123-028-00
3.3	1-121-995-00	-	1-123-004-00	1-123-006-00
4.7	1-123-255-00	1-121-246-00	1-121-759-00	1-123-007-00
10	1-121-126-00	1-121-999-00	1-123-254-00	1-123-008-00
22	1-121-996-00	1-123-253-00	1-123-005-00	1-123-022-00
33	1-121-997-00	1-121-757-00	-	-
47	1-123-251-00	1-121-919-00	-	-
100	1-123-084-00	-	-	-

**CERAMIC CAPACITORS**

CAP. (pF)	RATING							
	50 VOLT.		CAP. (pF)	50 VOLT.		CAP. (pF)	50 VOLT.	
	PART No.			PART No.			PART No.	
0.5	1-101-837-00		22	1-102-959-00		150	1-101-361-00	
0.75	1-101-586-00		24	1-102-960-00		160	1-101-367-00	
1.0	1-102-934-00		27	1-102-961-00		180	1-102-976-00	
1.5	1-101-576-00		30	1-102-962-00		200	1-102-977-00	
2.0	1-102-935-00		33	1-102-963-00		220	1-102-978-00	
3	1-102-936-00		36	1-102-964-00		240	1-102-979-00	
4	1-102-937-00		39	1-102-965-00		270	1-102-980-00	
5	1-102-942-00		43	1-102-966-00		300	1-102-981-00	
6	1-102-943-00		47	1-101-880-00		330	1-102-820-00	
7	1-102-944-00		51	1-101-882-00		360	1-102-821-00	
8	1-102-945-00		56	1-101-884-00		390	1-102-822-00	
9	1-102-946-00		62	1-101-886-00		430	1-102-823-00	
10	1-102-947-00		68	1-101-888-00		470	1-102-824-00	
11	1-102-948-00		75	1-101-890-00		510	1-101-059-00	
12	1-102-949-00		82	1-102-971-00		560	1-102-115-00	
13	1-102-950-00		91	1-102-972-00		680	1-102-116-00	
15	1-102-951-00		100	1-102-973-00		820	1-102-117-00	
16	1-102-952-00		110	1-102-815-00				
18	1-102-953-00		120	1-102-816-00				
20	1-102-958-00		130	1-101-081-00				

0.001μF = 1,000pF

**CERAMIC (SEMICONDUCTOR) CAPACITORS**

CAP. (μF)	RATING → : Use the high voltage rated one.				
	25 VOLT.	50 VOLT.	CAP. (μF)	25 VOLT.	50 VOLT.
	PART No.	PART No.		PART No.	PART No.
0.001	→	1-161-039-00	0.018	1-161-016-00	1-161-054-00
0.0012	→	1-161-040-00	0.022	1-161-017-00	1-161-055-00
0.0015	→	1-161-041-00	0.027	1-161-018-00	1-161-056-00
0.0018	→	1-161-042-00	0.033	1-161-019-00	1-161-057-00
0.0022	→	1-161-043-00	0.039	1-161-010-00	1-161-058-00
0.0027	→	1-161-044-00	0.047	1-161-021-00	1-161-059-00
0.0033	→	1-161-045-00	0.056	→	1-161-060-00
0.0039	→	1-161-046-00	0.068	→	1-161-061-00
0.0047	→	1-161-047-00	0.082	1-161-024-00	1-161-062-00
0.0056	→	1-161-048-00	0.1	1-161-025-00	1-161-063-00
0.0068	→	1-161-049-00			
0.0082	1-161-012-00	1-161-050-00			
0.01	1-161-013-00	1-161-051-00			
0.012	→	1-161-052-00			
0.015	1-161-015-00	1-161-053-00			

# ICR-4800

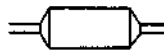
## MYLAR CAPACITORS

CAP. (μF)	RATING			CAP. (μF)	RATING			CAP. (μF)	RATING		
	50 VOLT. PART No.	100 VOLT. PART No.	200 VOLT. PART No.		50 VOLT. PART No.	100 VOLT. PART No.	200 VOLT. PART No.		50 VOLT. PART No.	100 VOLT. PART No.	200 VOLT. PART No.
0.001	1-108-227-00	1-108-365-00	1-108-409-00	0.01	1-108-239-00	1-108-377-00	1-108-421-00	0.1	1-108-251-00	1-108-389-00	1-108-433-00
0.0012	1-108-351-00	1-108-366-00	1-108-410-00	0.012	1-108-357-00	1-108-378-00	1-108-422-00	0.12	1-108-363-00	1-108-390-00	1-108-434-00
0.0015	1-108-228-00	1-108-367-00	1-108-411-00	0.015	1-108-240-00	1-108-379-00	1-108-423-00	0.15	1-108-252-00	1-108-391-00	1-108-435-00
0.0018	1-108-352-00	1-108-368-00	1-108-412-00	0.018	1-108-358-00	1-108-380-00	1-108-424-00	0.18	1-108-364-00	1-108-392-00	1-108-436-00
0.0022	1-108-220-00	1-108-369-00	1-108-413-00	0.022	1-108-242-00	1-108-381-00	1-108-425-00	0.22	1-108-254-00	1-108-393-00	1-108-437-00
0.0027	1-108-353-00	1-108-370-00	1-108-414-00	0.027	1-108-359-00	1-108-382-00	1-108-426-00	0.27	1-108-854-00	-	-
0.0033	1-108-232-00	1-108-371-00	1-108-415-00	0.033	1-108-244-00	1-108-383-00	1-108-427-00	0.33	1-108-855-00	-	-
0.0039	1-108-354-00	1-108-372-00	1-108-416-00	0.039	1-108-360-00	1-108-384-00	1-108-428-00	0.39	1-108-856-00	-	-
0.0047	1-108-234-00	1-108-373-00	1-108-417-00	0.047	1-108-246-00	1-108-385-00	1-108-429-00	0.47	1-108-857-00	-	-
0.0056	1-108-355-00	1-108-374-00	1-108-418-00	0.056	1-108-361-00	1-108-386-00	1-108-430-00	-	-	-	-
0.0068	1-108-237-00	1-108-375-00	1-108-419-00	0.068	1-108-249-00	1-108-387-00	1-108-431-00	-	-	-	-
0.0082	1-108-356-00	1-108-376-00	1-108-420-00	0.082	1-108-362-00	1-108-388-00	1-108-432-00	-	-	-	-



## TANTALUM CAPACITORS

CAP. (μF)	RATING → Use the high voltage rated one.						
	3.15 VOLT. PART No.	6.3 VOLT. PART No.	10 VOLT. PART No.	16 VOLT. PART No.	20 VOLT. PART No.	25 VOLT. PART No.	35 VOLT. PART No.
0.01					→	→	1-131-396-00
0.015					→	→	1-131-397-00
0.022					→	→	1-131-398-00
0.033					→	→	1-131-399-00
0.047					→	→	1-131-400-00
0.068					→	→	1-131-401-00
0.1					→	→	1-131-402-00
0.15					→	→	1-131-403-00
0.22					→	→	1-131-404-00
0.33					→	1-131-409-00	1-131-405-00
0.47	-	-	-	-	1-131-412-00	→	1-131-406-00
0.68	-	-	-	1-131-415-00	→	1-131-410-00	1-131-407-00
1.0	-	-	1-131-418-00	-	1-131-413-00	→	1-131-408-00
1.5	-	1-131-421-00	-	1-131-416-00	→	1-131-411-00	1-131-348-00
2.2	1-131-424-00	-	1-131-419-00	-	1-131-414-00	→	1-131-349-00
3.3	-	1-131-422-00	-	1-131-417-00	1-131-362-00	1-131-356-00	1-131-350-00
4.7	1-131-425-00	-	1-131-420-00	1-131-369-00	1-131-363-00	1-131-357-00	1-131-351-00
6.8	-	1-131-423-00	1-131-376-00	1-131-370-00	1-131-364-00	1-131-358-00	1-131-352-00
10	1-131-426-00	1-131-383-00	1-131-377-00	1-131-371-00	1-131-365-00	1-131-359-00	1-131-353-00
15	1-131-390-00	1-131-384-00	1-131-378-00	1-131-372-00	1-131-366-00	1-131-360-00	-
22	1-131-391-00	1-131-385-00	1-131-379-00	1-131-373-00	1-131-367-00	-	-
33	1-131-392-00	1-131-386-00	1-131-380-00	1-131-374-00	-	-	-
47	1-131-393-00	1-131-387-00	1-131-381-00	-	-	-	-
68	1-131-394-00	1-131-388-00	-	-	-	-	-
100	1-131-395-00	-	-	-	-	-	-



## TANTALUM CAPACITORS

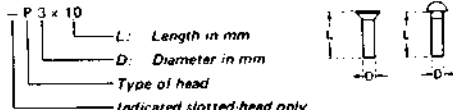
CAP. (μF)	RATING					
	3 VOLT. PART No.	6.3 VOLT. PART No.	10 VOLT. PART No.	16 VOLT. PART No.	20 VOLT. PART No.	35 VOLT. PART No.
0.033						1-131-273-00
0.047						1-131-274-00
0.068						1-131-275-00
0.1						1-131-276-00
0.15						1-131-277-00
0.22			-	-	1-131-262-00	1-131-278-00
0.33			-	-	1-131-263-00	1-131-279-00
0.47			1-131-169-00	-	1-131-264-00	1-131-280-00
0.68			-	1-131-258-00	1-131-265-00	1-131-281-00
1.0			1-131-254-00	-	1-131-266-00	1-131-282-00
1.5		1-131-250-00	-	-	1-131-267-00	1-131-283-00
2.2		-	-	1-131-259-00	1-131-268-00	1-131-284-00
3.3		-	1-131-255-00	-	1-131-269-00	-
4.7		1-131-251-00	1-131-171-00	-	1-131-270-00	-
6.8		-	-	1-131-260-00	1-131-271-00	-
10	-	-	1-131-256-00	-	1-131-272-00	-
15	-	1-131-252-00	-	1-131-261-00	-	-
22	-	-	1-131-257-00	-	-	-
33	1-131-176-00	1-131-253-00	1-131-173-00	-	-	-
47	1-131-288-00	1-131-174-00	-	-	-	-
100	1-131-177-00	-	-	-	-	-

1/4 WATT CARBON RESISTORS

Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
1.0	1-246-401-00	10	1-246-425-00	100	1-246-449-00	1.0k	1-246-473-00	10k	1-246-497-00	100k	1-246-521-00	1.0M	1-246-545-00
1.1	1-246-402-00	11	1-246-426-00	110	1-246-450-00	1.1k	1-246-474-00	11k	1-246-498-00	110k	1-246-522-00	1.1M	1-210-814-00
1.2	1-246-403-00	12	1-246-427-00	120	1-246-451-00	1.2k	1-246-475-00	12k	1-246-499-00	120k	1-246-523-00	1.2M	1-210-815-00
1.3	1-246-404-00	13	1-246-428-00	130	1-246-452-00	1.3k	1-246-476-00	13k	1-246-500-00	130k	1-246-524-00	1.3M	1-210-816-00
1.5	1-246-405-00	15	1-246-429-00	150	1-246-453-00	1.5k	1-246-477-00	15k	1-246-501-00	150k	1-246-525-00	1.5M	1-210-817-00
1.6	1-246-406-00	16	1-246-430-00	160	1-246-454-00	1.6k	1-246-478-00	16k	1-246-502-00	160k	1-246-526-00	1.6M	1-210-818-00
1.8	1-246-407-00	18	1-246-431-00	180	1-246-455-00	1.8k	1-246-479-00	18k	1-246-503-00	180k	1-246-527-00	1.8M	1-210-819-00
2.0	1-246-408-00	20	1-246-432-00	200	1-246-456-00	2.0k	1-246-480-00	20k	1-246-504-00	200k	1-246-528-00	2.0M	1-210-820-00
2.2	1-246-409-00	22	1-246-433-00	220	1-246-457-00	2.2k	1-246-481-00	22k	1-246-505-00	220k	1-246-529-00	2.2M	1-210-821-00
2.4	1-246-410-00	24	1-246-434-00	240	1-246-458-00	2.4k	1-246-482-00	24k	1-246-506-00	240k	1-246-530-00	2.4M	1-244-754-00
2.7	1-246-411-00	27	1-246-435-00	270	1-246-459-00	2.7k	1-246-483-00	27k	1-246-507-00	270k	1-246-531-00	2.7M	1-244-755-00
3.0	1-246-412-00	30	1-246-436-00	300	1-246-460-00	3.0k	1-246-484-00	30k	1-246-508-00	300k	1-246-532-00	3.0M	1-244-756-00
3.3	1-246-413-00	33	1-246-437-00	330	1-246-461-00	3.3k	1-246-485-00	33k	1-246-509-00	330k	1-246-533-00	3.3M	1-244-757-00
3.6	1-246-414-00	36	1-246-438-00	360	1-246-462-00	3.6k	1-246-486-00	36k	1-246-510-00	360k	1-246-534-00	3.6M	1-244-758-00
3.9	1-246-415-00	39	1-246-439-00	390	1-246-463-00	3.9k	1-246-487-00	39k	1-246-511-00	390k	1-246-535-00	3.9M	1-244-759-00
4.3	1-246-416-00	43	1-246-440-00	430	1-246-464-00	4.3k	1-246-488-00	43k	1-246-512-00	430k	1-246-536-00	4.3M	1-244-760-00
4.7	1-246-417-00	47	1-246-441-00	470	1-246-465-00	4.7k	1-246-489-00	47k	1-246-513-00	470k	1-246-537-00	4.7M	1-244-761-00
5.1	1-246-418-00	51	1-246-442-00	510	1-246-466-00	5.1k	1-246-490-00	51k	1-246-514-00	510k	1-246-538-00	5.1M	1-244-762-00
5.6	1-246-419-00	56	1-246-443-00	560	1-246-467-00	5.6k	1-246-491-00	56k	1-246-515-00	560k	1-246-539-00		
6.2	1-246-420-00	62	1-246-444-00	620	1-246-468-00	6.2k	1-246-492-00	62k	1-246-516-00	620k	1-246-540-00		
6.8	1-246-421-00	68	1-246-445-00	680	1-246-469-00	6.8k	1-246-493-00	68k	1-246-517-00	680k	1-246-541-00		
7.5	1-246-422-00	75	1-246-446-00	750	1-246-470-00	7.5k	1-246-494-00	75k	1-246-518-00	750k	1-246-542-00		
8.2	1-246-423-00	82	1-246-447-00	820	1-246-471-00	8.2k	1-246-495-00	82k	1-246-519-00	820k	1-246-543-00		
9.1	1-246-424-00	91	1-246-448-00	910	1-246-472-00	9.1k	1-246-496-00	91k	1-246-520-00	910k	1-246-544-00		

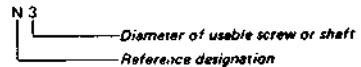
HARDWARE NOMENCLATURE

Screw:



Unless otherwise indicated, it means cross-recessed head (Phillips type).

Nut, Washer, Retaining ring:



Reference Designation	Shape	Description	Remarks
<b>SCREWS</b>			
P		pan-head screw	binding-head (B) screw for replacement
PWH		pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP		pan-head screw with spring washer	binding-head (B) screw and spring washer for replacement
PSW PSPW		pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R		round-head screw	binding-head (B) screw for replacement
K		flat-countersunk-head screw	
RK		oval-countersunk-head screw	
B		binding-head screw	
T		truss-head screw	binding-head (B) screw for replacement
F		flat-filister-head screw	
RF		filister-head screw	
BV		brazer-head screw	

Reference Designation	Shape	Description	Remarks
<b>SELF-TAPPING SCREWS</b>			
TA		self-tapping screw	ex. TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self-tapping (TA, B) screw for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self-tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
<b>SET SCREWS</b>			
SC		set screw	
SC		hexagon-socket set screw	ex. SC 2.6 x 4, hexagon socket
<b>NUT</b>			
N		nut	
<b>WASHERS</b>			
W		flat washer	
SW		spring washer	
LW		internal-tooth lock washer	ex. LW3, internal
LW		external-tooth lock washer	ex. LW3, external
<b>RETAINING RINGS</b>			
E		retaining ring	
G		grip-type retaining ring	

**MW/SW 6 BAND RECEIVER**

**ICR-4800**

**CORRECTION**

Stick this correction on page 6 of  
the Service Manual (9-950-800-12)

*US Model*  
*Canadian Model*  
*AEP Model*  
*UK Model*  
*E Model*

October, 1982

— page 6 —

**SECTION 3  
ADJUSTMENTS**

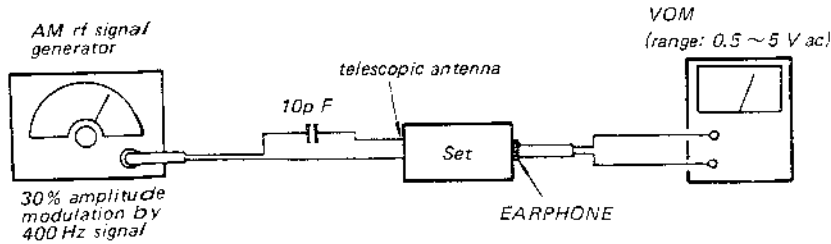
**2. SW SECTION**

See page 2.

# CORRECTION

NO. 1 OCTOBER, 1982

## 2. SW SECTION



- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

\* After the adjustment of SW1 set the dial pointer at 6.075 MHz on the dial scale, then adjust SW2-5 at the same position.

