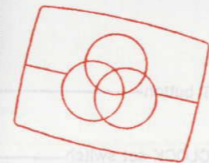


ICF-C120

SERVICE MANUAL



US Model
Canadian Model
AEP Model
Australian Model



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SPECIFICATIONS

Frequency range	US, Canadian model	AEP, AUS model
	FM : 87.6-108MHz AM : 530-1,710kHz	FM : 87.6-107.5MHz AM : 531-1,602kHz
Antenna	FM : FM wire antenna AM : Built-in ferrite bar antenna	
Speaker	Approx. 6.6cm (2 5/8 inches) dia.	
Power output	200mW (at 10% harmonic distortion)	
Power requirement	120V AC, 60Hz (US, Canadian model)	
	220V AC, 50Hz (AEP model) 240V AC, 50Hz (AUS model)	
	For the power backup function : 9V DC, one 6F22 battery	
Battery life	Approx. 80 hours, using Sony battery S-006P (U)	
Dimensions	Approx. 114×115×116mm (w/h/d)	
	(4 1/2 × 4 5/8 × 4 5/8 inches)	
	incl. projecting parts and controls	
Weight	US, Canadian, AUS model	AEP model
	Approx. 680g (1 lb 5 oz)	Approx. 770g (1 lb 11 oz)

not incl. battery

FEATURES

- High quality FM/AM 2 band radio combined with an electric digital alarm clock and timer.
- Choice of awakening to radio or buzzer alarm.
- Easy-to-read green LED display.
- Power backup function to keep the clock operating during a power interruption, using an optional 6F22 battery.
- DREAM BAR SNOOZE/SLEEP OFF (US, Canadian, AUS model), REPEAT ALARM/SLEEP OFF (AEP model) : feather-light touch to operate, and having functions : snooze alarm, sleep timer off, and instant readout of the alarm.

AUS : Australian model

Design and specifications subject to change without notice.

FM/AM
DIGITAL CLOCK RADIO
SONY



SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

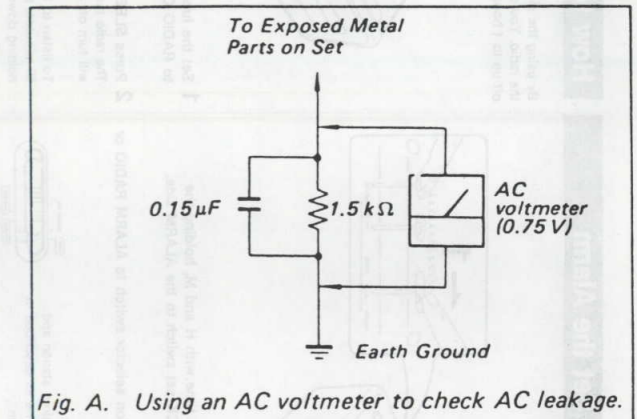


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

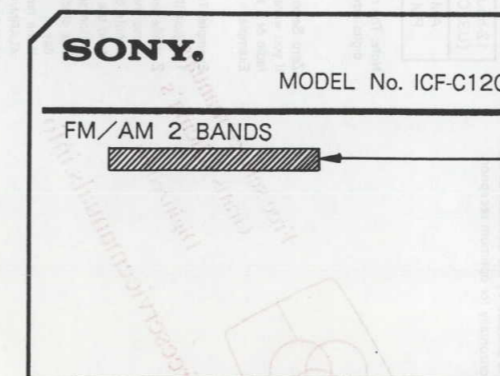
COMPONENTS IDENTIFIED BY MARK Δ OR DOTTED LINE WITH MARK Δ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE Δ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

MODEL IDENTIFICATION

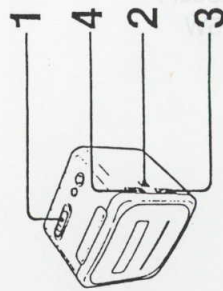
—Model Number Label—



US, Canadian Model :
AC : 120V~60Hz 5W
AEP Model :
AC : 220V~50Hz 5W
Australian (AUS) Model :
AC : 240V~50Hz 5W

Time Display
12 hours : US, Canadian, AUS model
24 hours : AEP model

Radio Operation



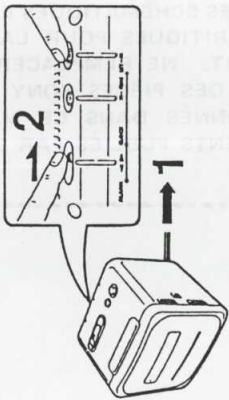
- 1 Set the function selector switch to RADIO ON.
- 2 Select the desired band.
- 3 Tune in the desired station.
- 4 Adjust the volume.

To turn off the radio, set the function selector switch to OFF.

For Improved Reception

FM: Extend the FM wire antenna fully to increase the FM sensitivity.
 AM: Since the reception is affected by the direction of the radio, rotate the unit horizontally for optimum reception.

How to Set the Clock



- 1 Connect the AC power cord to a wall outlet. Figures will appear and begin to flicker.

- 2 Adjust the clock to the current time with the TIME SET buttons, H (hour) and M (minute), while holding the ALARM/CLOCK set switch to the CLOCK side.

12-hours system (US, Canadian, AUS model)	24-hour system (AEP model)
AM 12:00=midnight	0:00=midnight
PM 12:00=noon	12:00=noon

Note: The minutes digits advance to "00" after "59". The hour digits advance none.

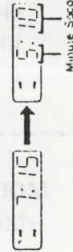
Zero Second Adjustment

If you want to adjust the time exactly to the second with a radio or a telephone time signal, proceed as in the following Example.

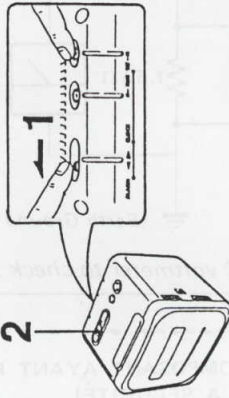
- Example: To set to 7:15 AM
- Adjust the time indication to 7:15 as described before, press the SLEEP button. (The time display indicates the minute one's digit and the seconds.) Then, continuing to hold the ALARM/CLOCK switch to ALARM, press the H button simultaneously with a radio or telephone time signal. The clock will begin to operate, showing the precise time of day.

If the time display still indicates 7:15 when the ALARM/CLOCK set switch is released, advance the minute digit to 15 by pressing the M button once while holding the ALARM/CLOCK switch to CLOCK.

Example: When the current time is 7:15:10 a.m., the display will become:



How to Set the Alarm



- 1 Set the alarm time with H and M, holding the ALARM/CLOCK set switch to the ALARM side.

ALARM/RADIO or BUZZER.

For radio alarm
 Tune in the desired station and adjust the volume as described in "Radio operation".

For buzzer alarm
 Turn down the volume, otherwise the radio will be mixed up.

The desired alarm sound will come on at the preset time.

When the Alarm Sound Comes on

To stop the radio or buzzer sound, set the function selector switch to OFF or press the ALARM RESET button.

Snooze alarm function
 If you wake to the alarm sound in the morning but want to doze for a few more minutes, just lightly press the DREAM BAR SNOOZE/SLEEP OFF.

The alarm sound will be silenced, but will automatically come on again after about nine minutes. If you want to doze more, press the bar again. You can repeat this snooze function as many times as you like. If you do not want the alarm sound any more after pressing the bar, press the ALARM RESET button.

To wake to the alarm sound at the same time the next day
 Stop the radio or buzzer sound by pressing the ALARM RESET button. Leave the function selector switch to ALARM/RADIO or BUZZER.

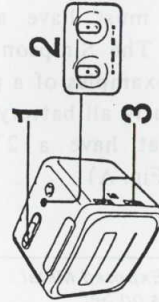
If you want to listen to the radio continuously
 Set the function selector switch to RADIO ON.

The volume of the alarm sound
 • The radio volume can be adjusted.
 • The buzzer volume is fixed.

To check the preset time
 Hold the ALARM/CLOCK set switch to the ALARM side.

How to Set the Sleep Timer

By using the sleep timer, you can fall asleep while listening to the radio. You can set the sleep time so that the radio turns off up to 1 hour and 59 minutes later.

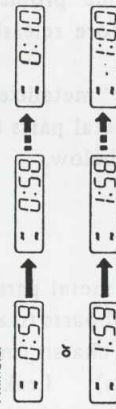


- 1 Set the function selector switch to RADIO OFF.

2 Press SLEEP.
 The radio turns on. The radio will turn off after 59 minutes.

To listen to the radio for 1 hour and 59 minutes, press the H button while holding down the SLEEP button.

To set the desired time
 The digits will be reduced by 1 with each push of the M button while holding down SLEEP. So, you can set the desired time within the range from 1 hour and 59 minutes to 1 minute.



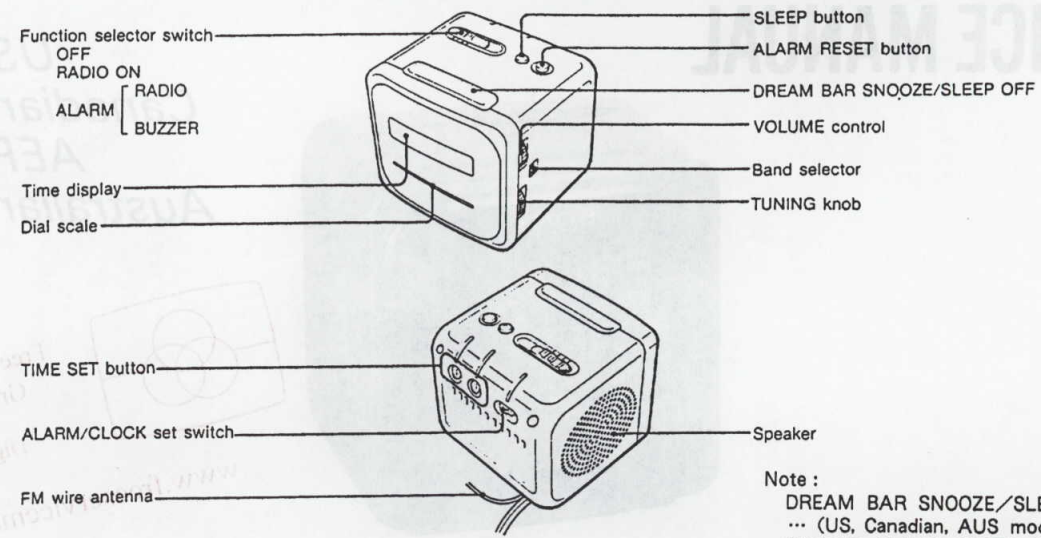
- 3 Tune in the desired station and adjust the volume. The radio will turn off automatically after the preset time had elapsed.

To turn off the radio before the preset time
 Press the DREAM BAR SNOOZE/SLEEP OFF.

If the preset alarm time comes while the sleep timer is operating
 The alarm will not sound.

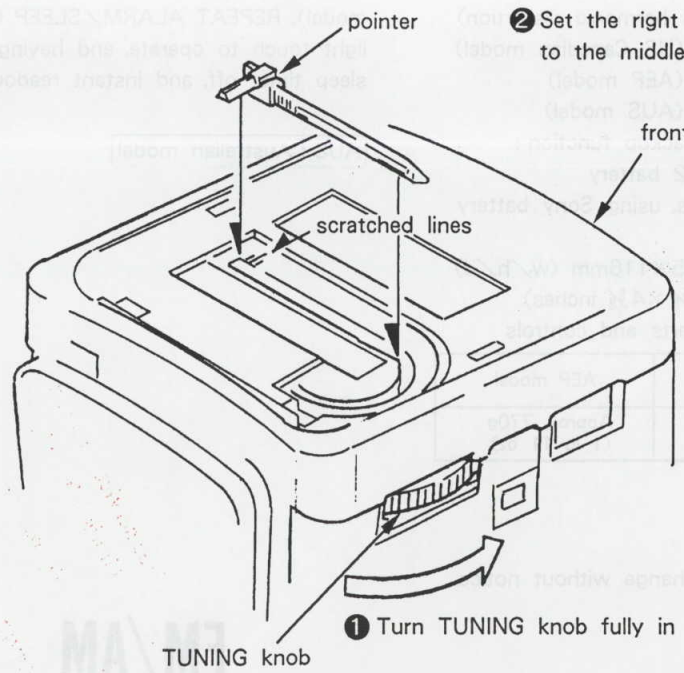
Note: When you fall asleep listening to the radio and wake up the buzzer next morning, the radio sound will be mixed up to the buzzer.

PARTS IDENTIFICATION



Note:
 DREAM BAR SNOOZE/SLEEP OFF ... (US, Canadian, AUS model)
 REPEAT ALARM/SLEEP OFF ... (AEP model)

SECTION 2 DIAL POINTER SETTING

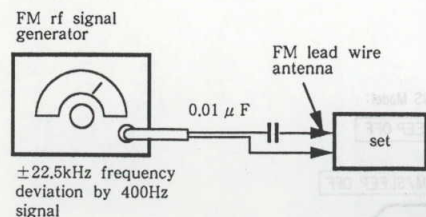


- 1 Turn TUNING knob fully in the direction of the arrow.
- 2 Set the right end of the pointer to the middle of the scratched lines.

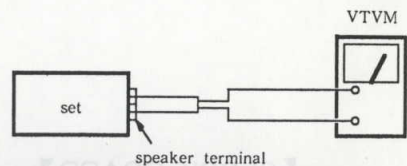
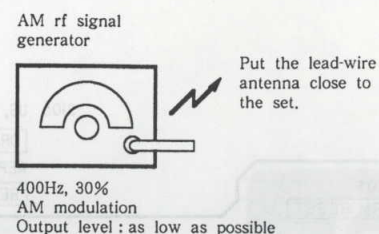
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SECTION 3 ELECTRICAL ADJUSTMENTS

FM Section



AM Section



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

FM FREQUENCY COVERAGE ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L3	86.5MHz
CT3	109.5MHz

FM TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L2	86.5MHz
CT2	109.5MHz

AM IF ALIGNMENT	
Adjust for a maximum reading on VTVM.	
T1	
455kHz	

AM FREQUENCY COVERAGE ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L4	520kHz
CT4	1,750kHz (1,650kHz)

() : AEP, AUS MODEL

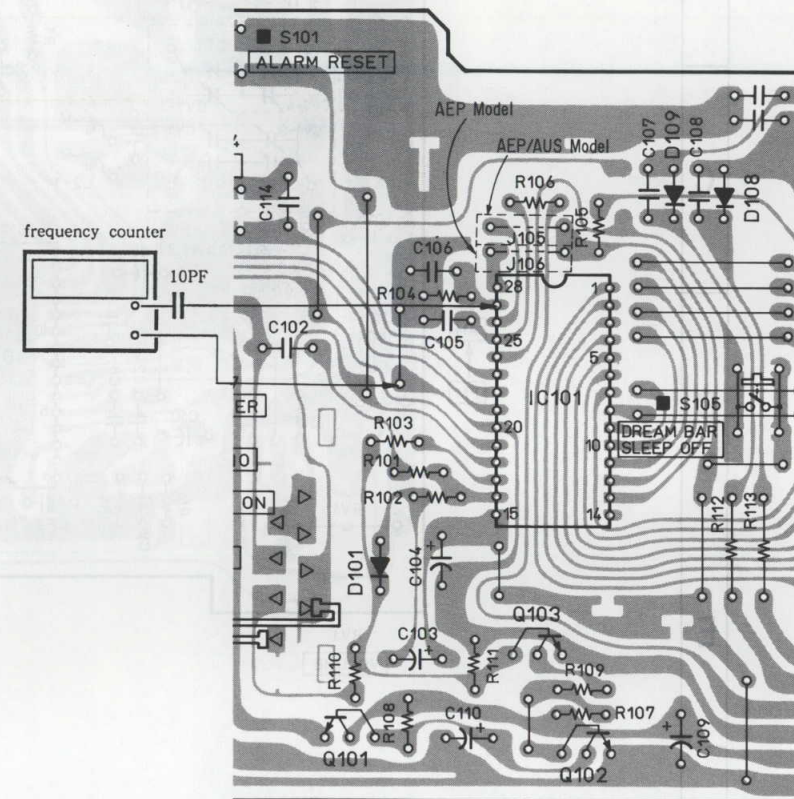
AM TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L1	620kHz
CT1	1,400kHz

Clock Frequency Adjustment

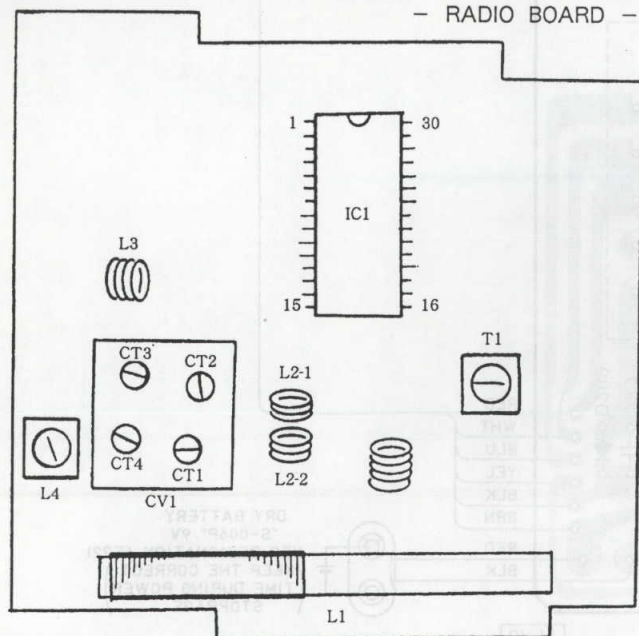
Confirm that the reading on the frequency counter is 900 ±72Hz.

If frequency is higher, change capacitor value of C106.
If frequency is lower, change resistor value of R104.

- CLOCK BOARD -



- RADIO BOARD -



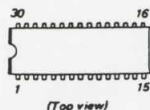
Ref. No.	Location	Ref. No.	Location
IC1	D-3	D101	D-8
IC101	D-9	D102	D-8
D101	D-8	D103	D-7
D102	D-8	D104	D-8
D103	D-8	D105	D-8
D104	D-8	D106	D-8
D105	D-8	D107	D-8
D106	D-8	D108	D-8
D107	D-8	D109	D-8
D108	D-8	D110	D-8
D109	D-8	D111	D-8
D110	D-8	D112	D-8
D111	D-8	D113	D-8
D112	D-8	D114	D-8
D113	D-8	D115	D-8
D114	D-8	D116	D-8
D115	D-8	D117	D-8
D116	D-8	D118	D-8
D117	D-8	D119	D-8
D118	D-8	D120	D-8
D119	D-8	D121	D-8
D120	D-8	D122	D-8
D121	D-8	D123	D-8
D122	D-8	D124	D-8
D123	D-8	D125	D-8
D124	D-8	D126	D-8
D125	D-8	D127	D-8
D126	D-8	D128	D-8
D127	D-8	D129	D-8
D128	D-8	D130	D-8
D129	D-8	D131	D-8
D130	D-8	D132	D-8
D131	D-8	D133	D-8
D132	D-8	D134	D-8
D133	D-8	D135	D-8
D134	D-8	D136	D-8
D135	D-8	D137	D-8
D136	D-8	D138	D-8
D137	D-8	D139	D-8
D138	D-8	D140	D-8
D139	D-8	D141	D-8
D140	D-8	D142	D-8
D141	D-8	D143	D-8
D142	D-8	D144	D-8
D143	D-8	D145	D-8
D144	D-8	D146	D-8
D145	D-8	D147	D-8
D146	D-8	D148	D-8
D147	D-8	D149	D-8
D148	D-8	D150	D-8
D149	D-8	D151	D-8
D150	D-8	D152	D-8
D151	D-8	D153	D-8
D152	D-8	D154	D-8
D153	D-8	D155	D-8
D154	D-8	D156	D-8
D155	D-8	D157	D-8
D156	D-8	D158	D-8
D157	D-8	D159	D-8
D158	D-8	D160	D-8
D159	D-8	D161	D-8
D160	D-8	D162	D-8
D161	D-8	D163	D-8
D162	D-8	D164	D-8
D163	D-8	D165	D-8
D164	D-8	D166	D-8
D165	D-8	D167	D-8
D166	D-8	D168	D-8
D167	D-8	D169	D-8
D168	D-8	D170	D-8
D169	D-8	D171	D-8
D170	D-8	D172	D-8
D171	D-8	D173	D-8
D172	D-8	D174	D-8
D173	D-8	D175	D-8
D174	D-8	D176	D-8
D175	D-8	D177	D-8
D176	D-8	D178	D-8
D177	D-8	D179	D-8
D178	D-8	D180	D-8
D179	D-8	D181	D-8
D180	D-8	D182	D-8
D181	D-8	D183	D-8
D182	D-8	D184	D-8
D183	D-8	D185	D-8
D184	D-8	D186	D-8
D185	D-8	D187	D-8
D186	D-8	D188	D-8
D187	D-8	D189	D-8
D188	D-8	D190	D-8
D189	D-8	D191	D-8
D190	D-8	D192	D-8
D191	D-8	D193	D-8
D192	D-8	D194	D-8
D193	D-8	D195	D-8
D194	D-8	D196	D-8
D195	D-8	D197	D-8
D196	D-8	D198	D-8
D197	D-8	D199	D-8
D198	D-8	D200	D-8

SECTION 4
DIAGRAMS

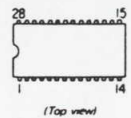
4-1. PRINTED WIRING BOARDS

● SEMICONDUCTOR LEAD LAYOUTS

CXA1019S



LM8560N



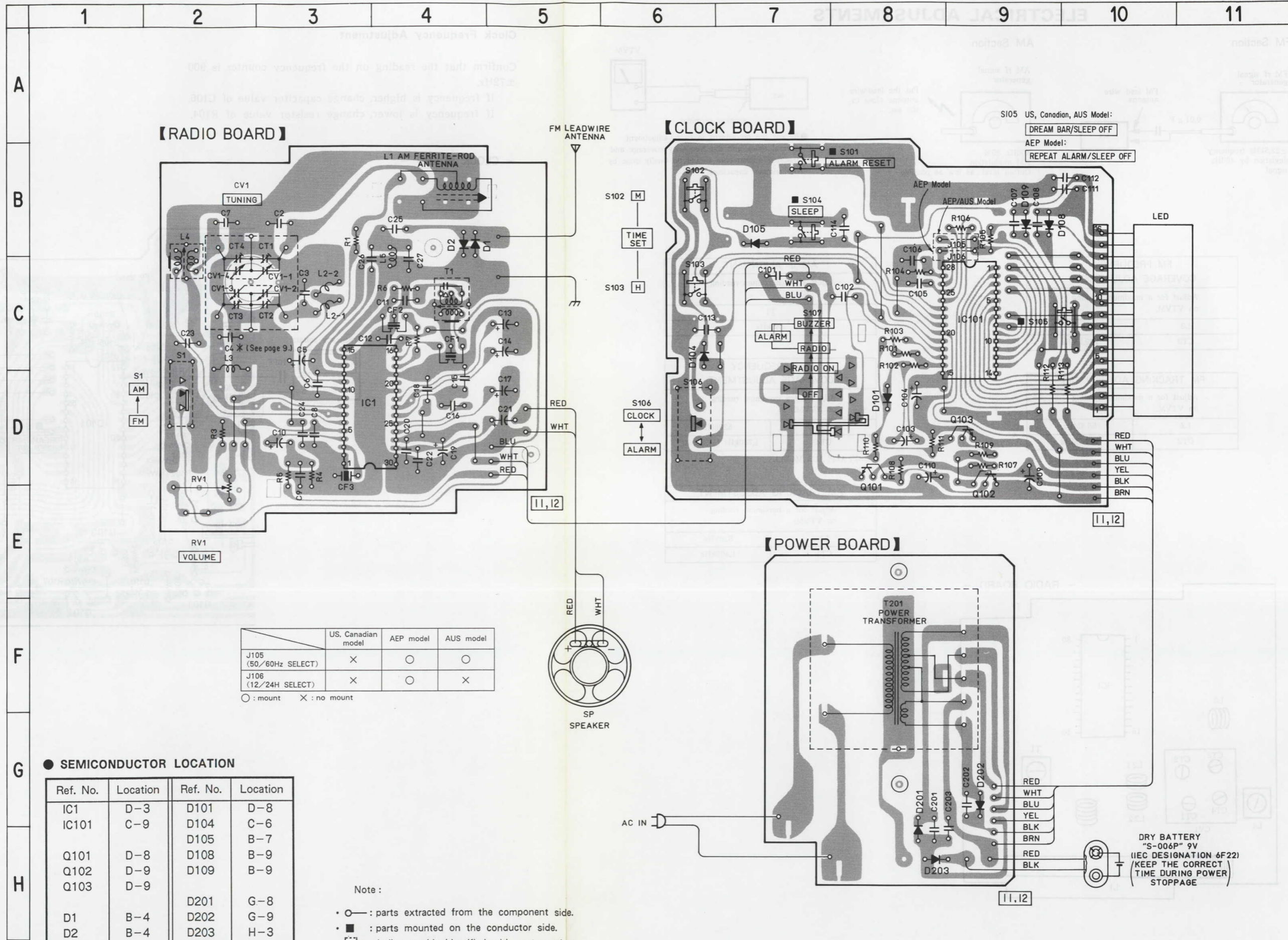
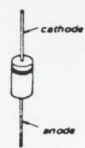
2SC2001
2SC945P



1SS119



10E2



【RADIO BOARD】

【CLOCK BOARD】

【POWER BOARD】

	US, Canadian model	AEP model	AUS model
J105 (50/60Hz SELECT)	×	○	○
J106 (12/24H SELECT)	×	○	×

○ : mount × : no mount

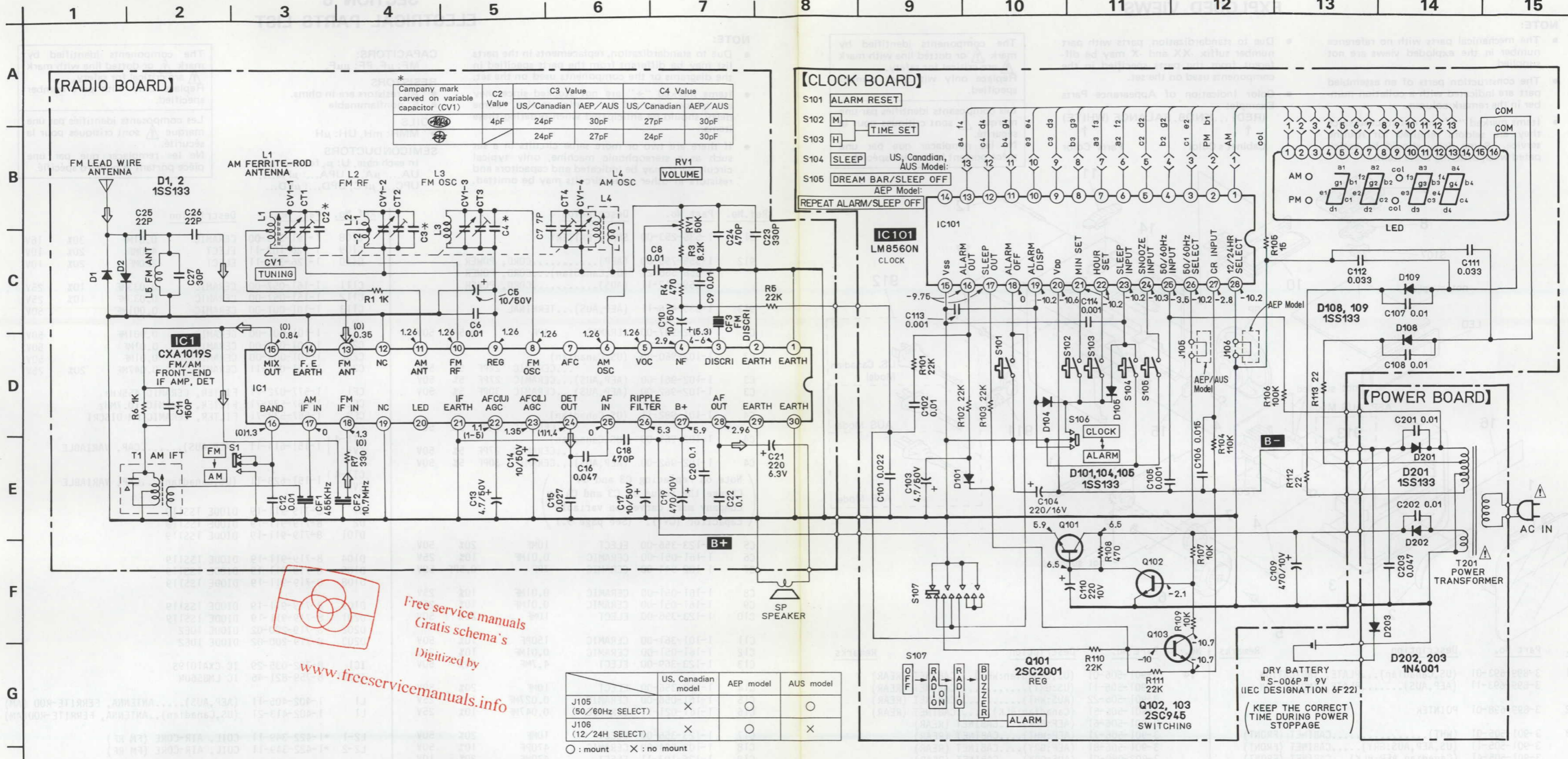
● SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
IC1	D-3	D101	D-8
IC101	C-9	D104	C-6
		D105	B-7
Q101	D-8	D108	B-9
Q102	D-9	D109	B-9
Q103	D-9		
		D201	G-8
D1	B-4	D202	G-9
D2	B-4	D203	H-3

Note :

- : parts extracted from the component side.
- : parts mounted on the conductor side.
- : indicates side identified with part number.

4-2. SCHEMATIC DIAGRAMS



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	US, Canadian model	AEP model	AUS model
J105 (50/60Hz SELECT)	X	O	O
J106 (12/24H SELECT)	X	O	X

O : mount X : no mount

- Note :
- All capacitors are in μF unless otherwise noted. pF : $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
 - Δ : internal component.

Note:
 The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note:
 Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- B+** : B+ Line
- B-** : B- Line
- : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- no mark : FM
- () : AM
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path.
- \Rightarrow : FM

SECTION 5 EXPLODED VIEWS

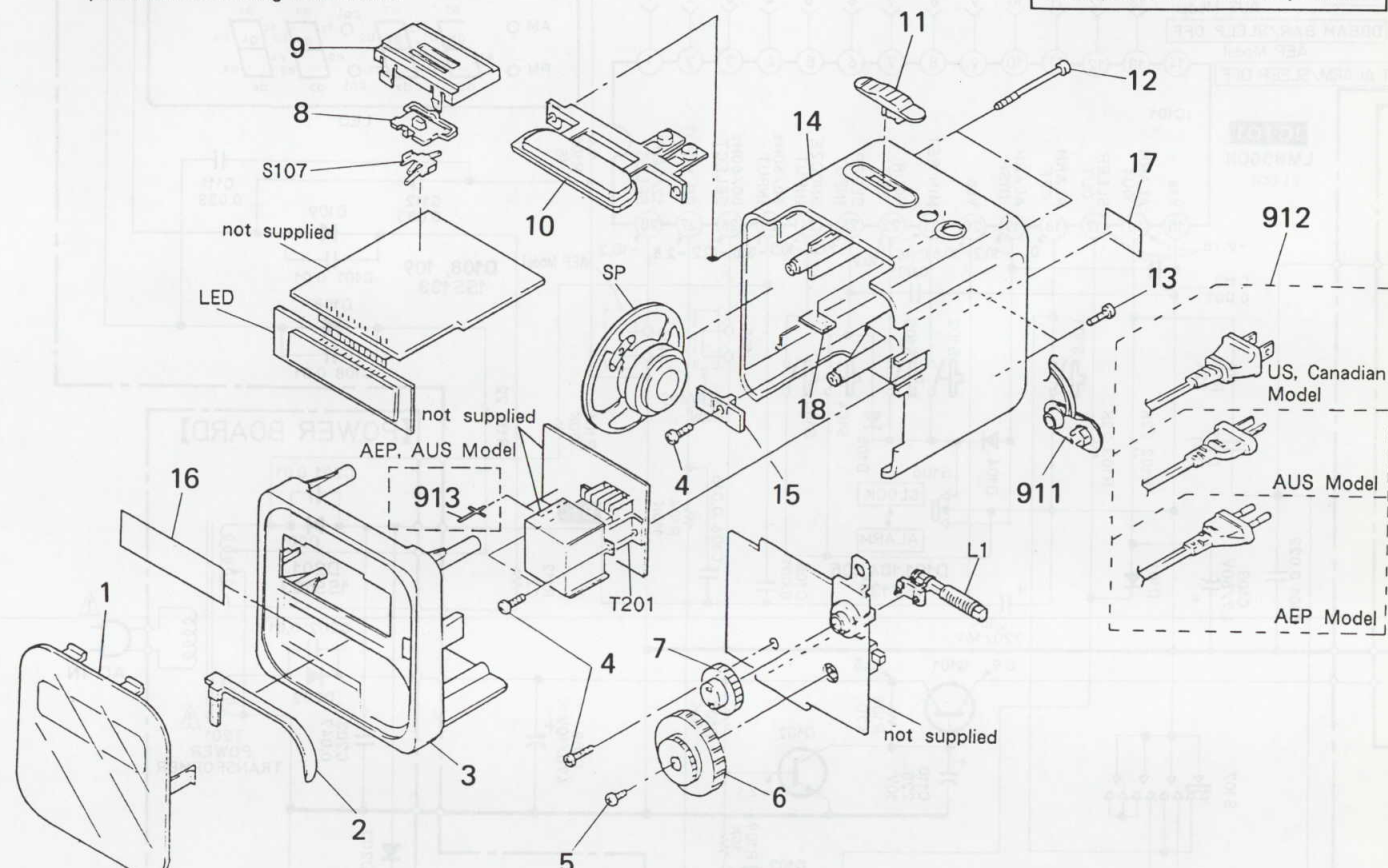
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- 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 number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts Example:
(RED) ... KNOB, BALANCE (WHITE)
↑ Cabinet's Color ↑ Parts' Color

The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
1	3-899-693-01	(US,Canadian)...PLATE, INDICATION		14	3-901-506-01	(US,Canadian:WHT)...CABINET (REAR)	
	3-899-693-11	(AEP,AUS)...PLATE, INDICATION			3-901-506-11	(US:GRY)...CABINET (REAR)	
2	3-899-698-01	POINTER			3-901-506-22	(AUS:WHT)...CABINET (REAR)	
3	3-901-505-01	(WHT)...CABINET (FRONT)			3-901-506-51	(Canadian:BLK)...CABINET (REAR)	
	3-901-505-11	(US,AEP,AUS:GRY)...CABINET (FRONT)			3-901-506-61	(AEP:BLK)...CABINET (REAR)	
	3-901-505-41	(Canadian,AEP:BLK)...CABINET (FRONT)			3-901-506-71	(AEP:WHT)...CABINET (REAR)	
4	7-685-648-79	SCREW +P 3X12 TYPE2 NON-SLIT			3-901-506-81	(AEP:GRY)...CABINET (REAR)	
5	7-621-775-10	SCREW +B 2.6X4			3-902-089-01	(AUS:GRY)...CABINET (REAR)	
6	*3-899-696-01	(WHT)...KNOB (T)		15	*3-884-408-00	STOPPER, CORD	
	*3-899-696-11	(US,AEP,AUS:GRY)...KNOB (T)		16	3-901-503-01	(WHT)...PANEL, BACK	
	*3-899-696-21	(Canadian,AEP:BLK)...KNOB (T)		17	*3-902-009-01	(AUS)...LABEL, MODEL NUMBER	
7	3-899-695-01	(WHT)...KNOB (V)		18	3-831-441-XX	CUSHION (5)	
	3-899-695-11	(US,AEP,AUS:GRY)...KNOB (V)		911	1-535-253-00	SNAP, BATTERY	
	3-899-695-21	(Canadian,AEP:BLK)...KNOB (V)		912	1-555-795-00	(AEP)...CORD, POWER	
8	*3-986-303-01	SLIDER (FUNCTION)			1-558-566-21	(US,Canadian)...CORD, POWER	
9	*3-986-306-01	HOLDER (FUNCTION)			1-559-912-11	(AUS)...CORD, POWER	
10	3-899-694-01	(WHT)...BUTTON (CONTROL)		913	1-535-476-11	(AEP,AUS)...TERMINAL	
	3-899-694-11	(US,AEP,AUS:GRY)...BUTTON (CONTROL)		LED	1-808-653-11	(US,Canadian,AUS)...LED BLOCK(GREEN LED)	
	3-899-694-21	(Canadian,AEP:BLK)...BUTTON (CONTROL)		LED	1-808-653-21	(AEP)...LED BLOCK(GREEN LED)	
11	3-899-697-01	(WHT)...KNOB (F)		S107	3-986-304-01	PLATE (FUNCTION), CONTACT	
	3-899-697-11	(US,AEP,AUS:GRY)...KNOB (F)		SP	1-503-082-00	SPEAKER	
	3-899-697-21	(Canadian,AEP:BLK)...KNOB (F)		T201	▲1-449-528-11	(US,Canadian)...TRANSFORMER, POWER	
12	3-844-665-00	SCREW, REAR COVER			▲1-449-529-11	(AEP)...TRANSFORMER, POWER	
13	7-685-149-11	SCREW +P 3X14 TYPE2 NON-SLIT			▲1-449-530-11	(AUS)...TRANSFORMER, POWER	

SECTION 6 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

- CAPACITORS:**
MF: μ F, PF: μ μ F.
- RESISTORS**
• All resistors are in ohms.
• F: nonflammable

- COILS**
• MMH: mH, UH: μ H

- SEMICONDUCTORS**
In each case, U: μ , for example:
UA...: μ A..., UPA...: μ PA...,
UPC...: μ PC, UPD...: μ PD...

The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
911	1-535-253-00	SNAP, BATTERY	C108	1-161-379-00	CERAMIC 0.01MF 30% 16V
912	1-555-795-00	(AEP)...CORD, POWER	C109	1-126-103-11	ELECT 470MF 20% 10V
	1-558-566-21	(US,Canadian)...CORD, POWER	C110	1-126-335-11	ELECT 220MF 20% 10V
	1-559-912-11	(AUS)...CORD, POWER	C111	1-161-057-00	CERAMIC 0.033MF 10% 25V
913	1-535-476-11	(AEP,AUS)...TERMINAL	C112	1-161-057-00	CERAMIC 0.033MF 10% 25V
C2	1-102-937-00	CERAMIC 4PF 0.5PF 50V	C113	1-101-001-00	CERAMIC 0.001MF 50V
C3	1-102-960-00	(US,Canadian) ...CERAMIC 24PF 5% 50V	C201	1-101-004-00	CERAMIC 0.01MF 50V
C3	1-102-961-00	(AEP,AUS)...CERAMIC 27PF 5% 50V	C202	1-101-004-00	CERAMIC 0.01MF 50V
C3	1-102-962-00	(AEP,AUS)...CERAMIC 30PF 5% 50V	C203	1-161-021-11	CERAMIC 0.047MF 20% 25V
C4	1-101-982-11	(US,Canadian) ...CERAMIC 24PF 5% 50V	CF1	1-577-072-11	FILTER, CERAMIC 455kHz
C4	1-102-961-00	(US,Canadian) ...CERAMIC 27PF 5% 50V	CF2	1-567-538-71	FILTER, CERAMIC 10.7MHz
C4	1-102-962-00	(AEP,AUS)...CERAMIC 30PF 5% 50V	CF3	1-567-538-71	FILTER, CERAMIC FM DISCRI
<p>(Note on replacing C3 and C4 Change the value of C3 and C4 by company mark carved on variable capacitor (CV1). (See page 9.)</p>					
C5	1-123-356-00	ELECT 10MF 20% 50V	CT1-4	1-151-614-11	(AEP,AUS)...CAP, VARIABLE
C6	1-161-051-00	CERAMIC 0.01MF 10% 25V	CV1	1-151-628-11	(US,Canadian)...CAP, VARIABLE
C7	1-102-944-00	CERAMIC 7PF 0.5PF 50V	D1	8-719-911-19	DIODE 1SS119
C8	1-161-051-00	CERAMIC 0.01MF 10% 25V	D2	8-719-911-19	DIODE 1SS119
C9	1-161-051-00	CERAMIC 0.01MF 10% 25V	D101	8-719-911-19	DIODE 1SS119
C10	1-123-356-00	ELECT 10MF 20% 50V	D104	8-719-911-19	DIODE 1SS119
C11	1-101-361-00	CERAMIC 150PF 10% 50V	D105	8-719-911-19	DIODE 1SS119
C12	1-161-051-00	CERAMIC 0.01MF 10% 25V	D108	8-719-911-19	DIODE 1SS119
C13	1-123-369-00	ELECT 4.7MF 20% 50V	D109	8-719-911-19	DIODE 1SS119
C14	1-123-356-00	ELECT 10MF 20% 50V	D201	8-719-911-19	DIODE 1SS119
C15	1-161-056-00	CERAMIC 0.027MF 10% 25V	D202	8-719-200-02	DIODE 10E2
C16	1-161-021-11	CERAMIC 0.047MF 10% 25V	D203	8-719-200-02	DIODE 10E2
C17	1-123-356-00	ELECT 10MF 20% 50V	IC1	8-752-035-29	IC CXA1019S
C18	1-102-824-00	CERAMIC 470PF 10% 50V	IC101	8-759-821-46	IC LM8560N
C19	1-126-103-11	ELECT 470MF 20% 10V	L1	1-402-405-11	(AEP,AUS)...ANTENNA, FERRITE-ROD (AM)
C20	1-162-851-11	CERAMIC 0.1MF 20% 16V	L1	1-402-413-21	(US,Canadian)...ANTENNA, FERRITE-ROD (AM)
C21	1-126-335-11	ELECT 220MF 20% 6.3V	L2-1	*1-422-349-11	COIL, AIR-CORE (FM RF)
C22	1-162-851-11	CERAMIC 0.1MF 20% 16V	L2-2	*1-422-349-11	COIL, AIR-CORE (FM RF)
C23	1-102-820-00	CERAMIC 330PF 10% 50V	L3	1-406-273-11	(AEP,AUS)...COIL, FM OSC
C24	1-102-824-00	CERAMIC 470PF 10% 50V	L3	1-422-131-00	(US,Canadian)...COIL, FM OSC
C25	1-102-959-00	CERAMIC 22PF 5% 50V	L4	1-406-028-00	COIL, OSC (AM)
C26	1-102-959-00	CERAMIC 22PF 5% 50V	L5	1-401-228-00	ANTENNA COIL (FM ANT)
C27	1-102-962-00	CERAMIC 30PF 5% 50V	LED	1-808-653-11	(US,Canadian,AUS) ...LED BLOCK (GREEN LED)
C101	1-161-055-00	CERAMIC 0.022MF 10% 25V	LED	1-808-653-21	(AEP)...LED BLOCK (GREEN LED)
C102	1-161-051-00	CERAMIC 0.01MF 10% 25V	Q101	8-729-100-13	TRANSISTOR 2SC2001
C103	1-123-369-00	ELECT 4.7MF 20% 50V	Q102	8-729-194-57	TRANSISTOR 2SC945-P
C104	1-123-321-00	ELECT 220MF 20% 16V	Q103	8-729-194-57	TRANSISTOR 2SC945-P
C105	1-162-294-31	CERAMIC 0.001MF 10% 50V			
C106	1-130-485-00	MYLAR 0.015MF 5% 50V			
C107	1-161-379-00	CERAMIC 0.01MF 30% 16V			

Ref.No.	Part No.	Description
R1	1-249-417-11	CARBON 1K 5% 1/4W
R3	1-249-428-11	CARBON 8.2K 5% 1/4W
R4	1-249-413-11	CARBON 470 5% 1/4W
R5	1-249-433-11	CARBON 22K 5% 1/4W
R6	1-249-417-11	CARBON 1K 5% 1/4W
R7	1-249-411-11	CARBON 330 5% 1/4W
R101	1-249-433-11	CARBON 22K 5% 1/4W
R102	1-249-433-11	CARBON 22K 5% 1/4W
R103	1-249-433-11	CARBON 22K 5% 1/4W
R104	1-247-880-11	CARBON 110K 5% 1/4W
R105	1-249-395-11	CARBON 15 5% 1/4W
R106	1-249-441-11	CARBON 100K 5% 1/4W
R107	1-249-429-11	CARBON 10K 5% 1/4W
R108	1-249-413-11	CARBON 470 5% 1/4W
R109	1-249-429-11	CARBON 10K 5% 1/4W
R110	1-249-433-11	CARBON 22K 5% 1/4W
R111	1-249-433-11	CARBON 22K 5% 1/4W
R112	1-247-692-11	CARBON 22 5% 1/4W
R113	1-247-692-11	CARBON 22 5% 1/4W
S1	1-552-370-00	SWITCH, SLIDE (FM/AM)
S101	1-553-856-00	SWITCH, KEY BOARD (ALARM RESET)
S102	1-553-856-00	SWITCH, KEY BOARD (TIME SET M)
S103	1-553-856-00	SWITCH, KEY BOARD (TIME SET H)
S104	1-553-856-00	SWITCH, KEY BOARD (SLEEP)
S105	1-553-856-00	SWITCH, KEY BOARD (DREAM BAR/SLEEP OFF)
S106	1-571-817-11	SWITCH, SLIDE (CLOCK/ALARM)
S107	3-986-304-01	PLATE (FUNCTION), CONTACT
SP	1-503-082-00	SPEAKER
T1	1-404-341-00	TRANSFORMER, IF (AM)
T201	△.1-449-528-11	(US,Canadian)...TRANSFORMER, POWER
T201	△.1-449-529-11	(AEP).....TRANSFORMER, POWER
T201	△.1-449-530-11	(AUS).....TRANSFORMER, POWER
VR1	1-228-790-21	RES, VAR, CARBON 50K (VOLUME)


ACCESSORY & PACKING MATERIAL

3-750-073-11	(AEP).....MANUAL, INSTRUCTION (ENGLISH/GERMAN/FRENCH)
3-750-073-21	(US,Canadian,AUS) ...MANUAL, INSTRUCTION (ENGLISH)
3-750-073-31	(Canadian)...MANUAL, INSTRUCTION (FRENCH)
3-750-073-41	(AEP).....MANUAL, INSTRUCTION (SPANISH/DUTCH/SWEDISH/PORTUGUESE)
*3-899-622-01	SHEET, PROTECTION
*3-899-689-01	CUSHION (LEFT)
*3-899-690-01	CUSHION (RIGHT)
*3-899-688-01	(US).....INDIVIDUAL CARTON
*3-901-512-01	(Canadian)...INDIVIDUAL CARTON
*3-901-513-01	(AEP,AUS)....INDIVIDUAL CARTON

Note:

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Note:

Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

