

SPP-ID975/ID976

SERVICE MANUAL

Ver 1.0 1999.11

US Model
SPP-ID975

Canadian Model
SPP-ID976



Photo: SPP-ID975

SPECIFICATIONS

General

Frequency band (SPP-ID975)
902 – 928 MHz
Frequency band (SPP-ID976)
923.1 – 927.75 MHz
Base phone : 18 μ W
Handset : 73 μ W
Operating channel
30 channels
Dial signal
Tone, 10 PPS (pulse) selectable
Supplied accessories
AC power adaptor AC-T122 (1)
Telephone line cords (2)
Wall bracket for base phone (1)
Rechargeable battery pack BP-T23 (1)

Handset

Power source
Rechargeable battery pack BP-T23
Battery charging time
Approx. 12 hours
Battery life
Standby : Approx. 7 days
Talk : Approx. 6 hours
Dimensions
Approx. 58 × 177 × 46 mm (w/h/d),
antenna excluded
(approx. 2 3/8 × 7 × 1 13/16 inches)
Antenna: Approx. 72 mm
(approx. 2 7/8 inches)
Mass
Approx. 270 g
(approx. 9.5 oz), battery included

Base phone

Power source
DC 9V from AC power adaptor
AC-T122
Battery charging time
Approx. 24 hours
Dimensions
Approx. 166 × 63 × 225 mm (w/h/d),
antenna excluded
(approx. 6 5/8 × 2 1/2 × 8 7/8 inches)
Antenna: Approx. 120 mm
(approx. 4 3/4 inches)
Mass
Approx. 595 g
(approx. 1 lb 9 oz), wall bracket excluded

Design and specifications are subject to
change without notice.

Notes on Chip Component Replacement

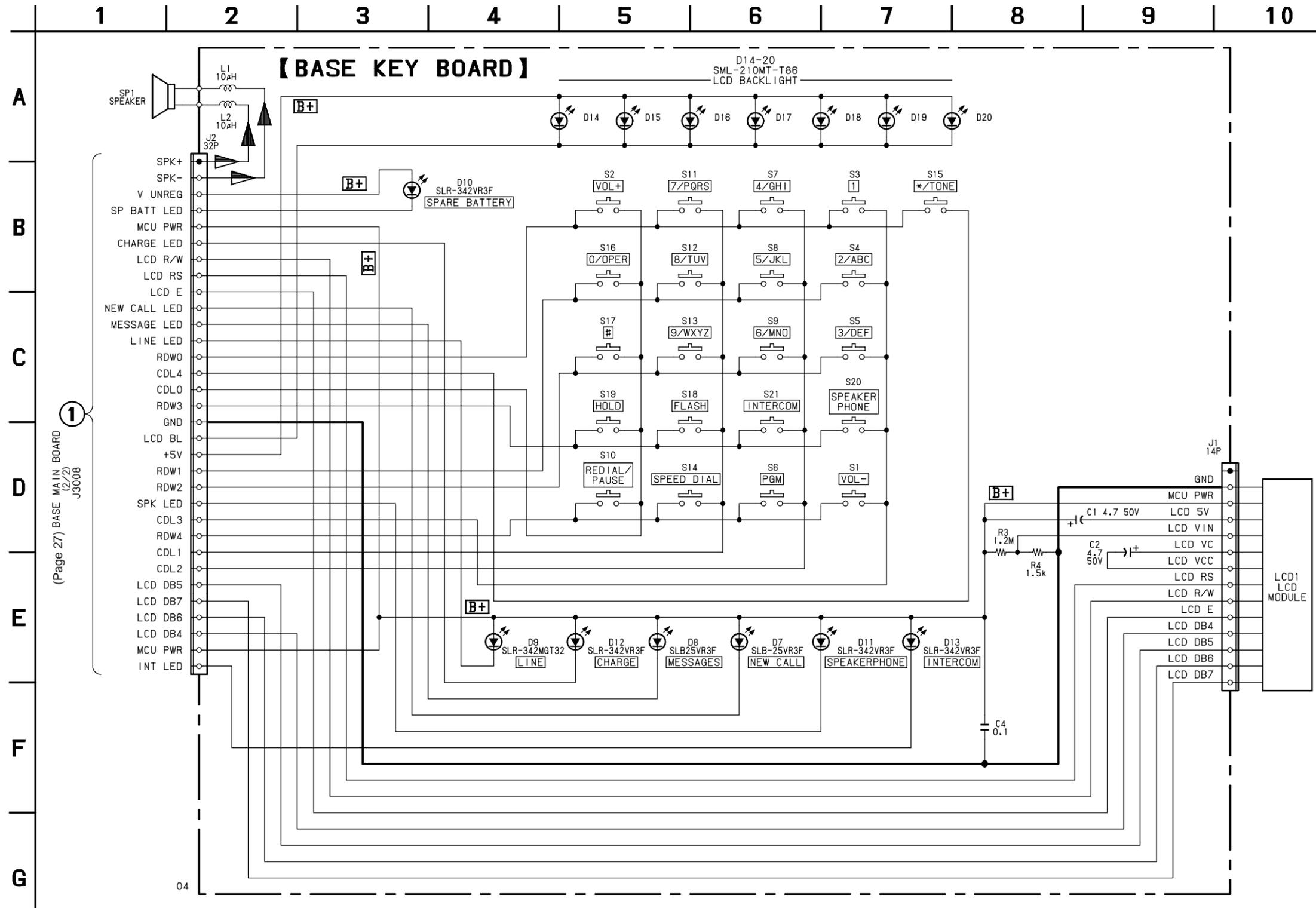
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

CORDLESS TELEPHONE



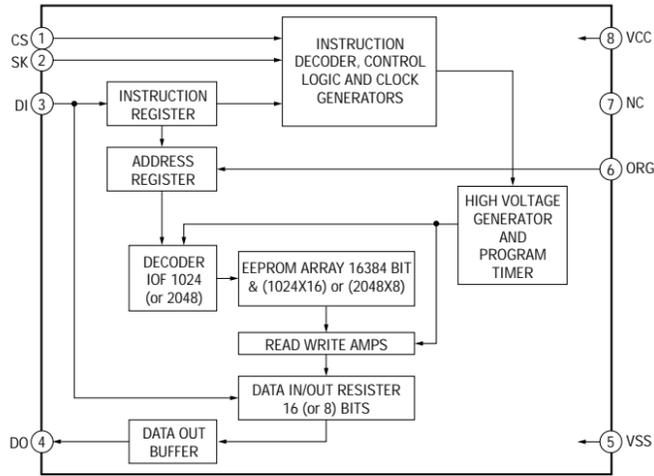
SONY®

4-7. SCHEMATIC DIAGRAM — BASE KEY SECTION —

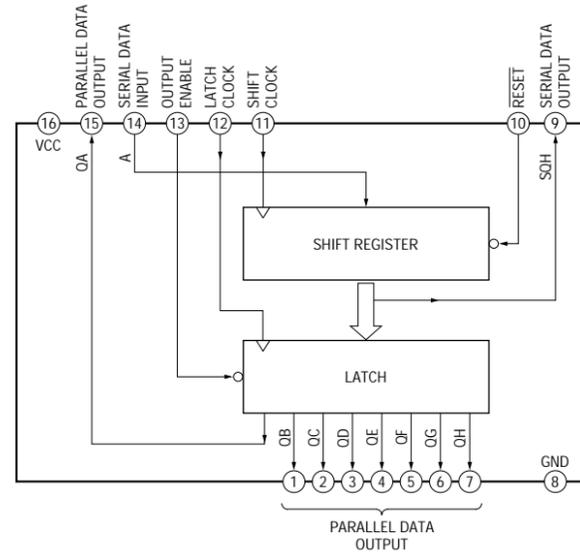


• IC Block Diagrams

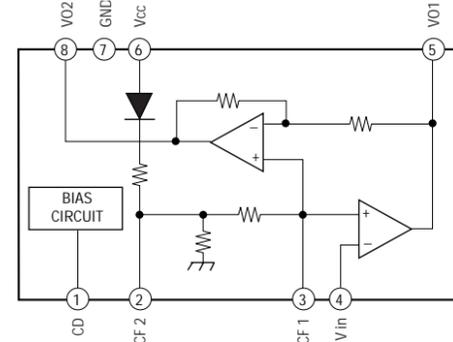
U1006, 3007 CAT93C86S-LE10



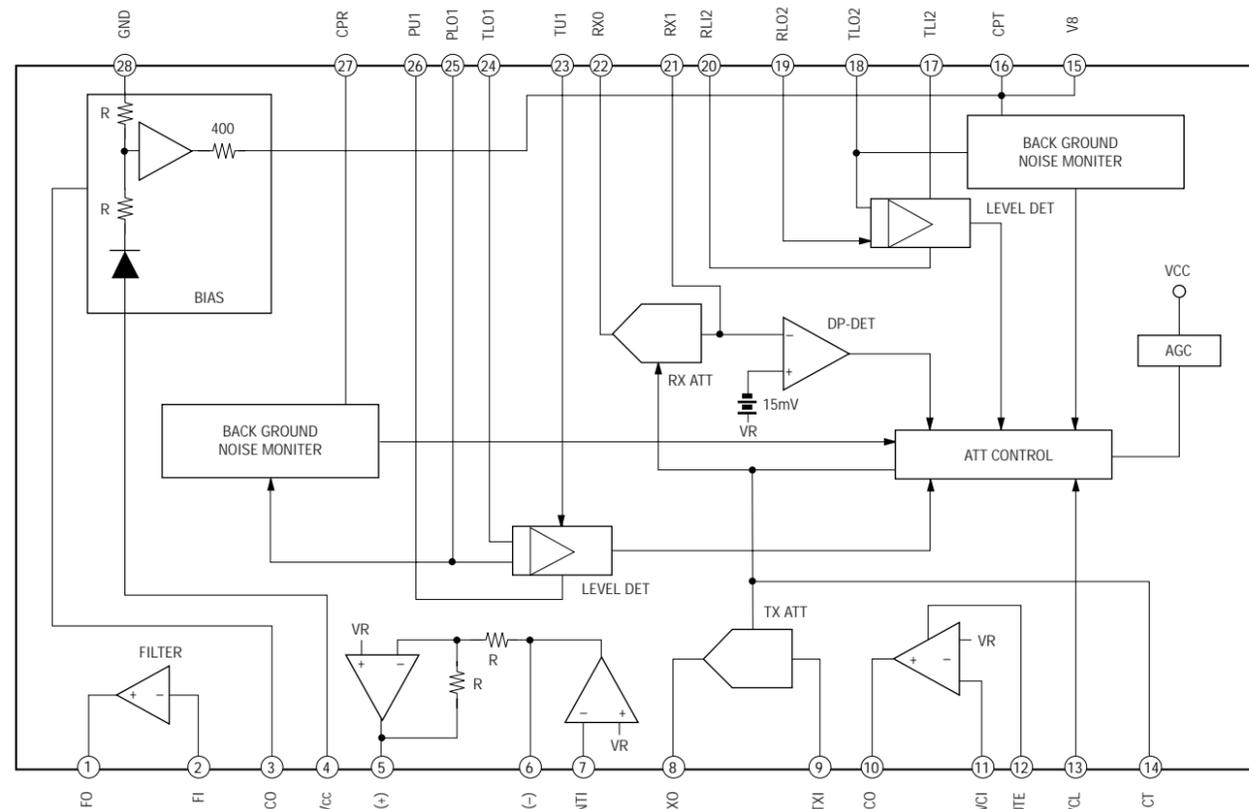
U3001 MC74HC595AF



U3005 MC34119D



U3004 MC34118DW



SECTION 5
EXPLODED VIEWS

NOTE:

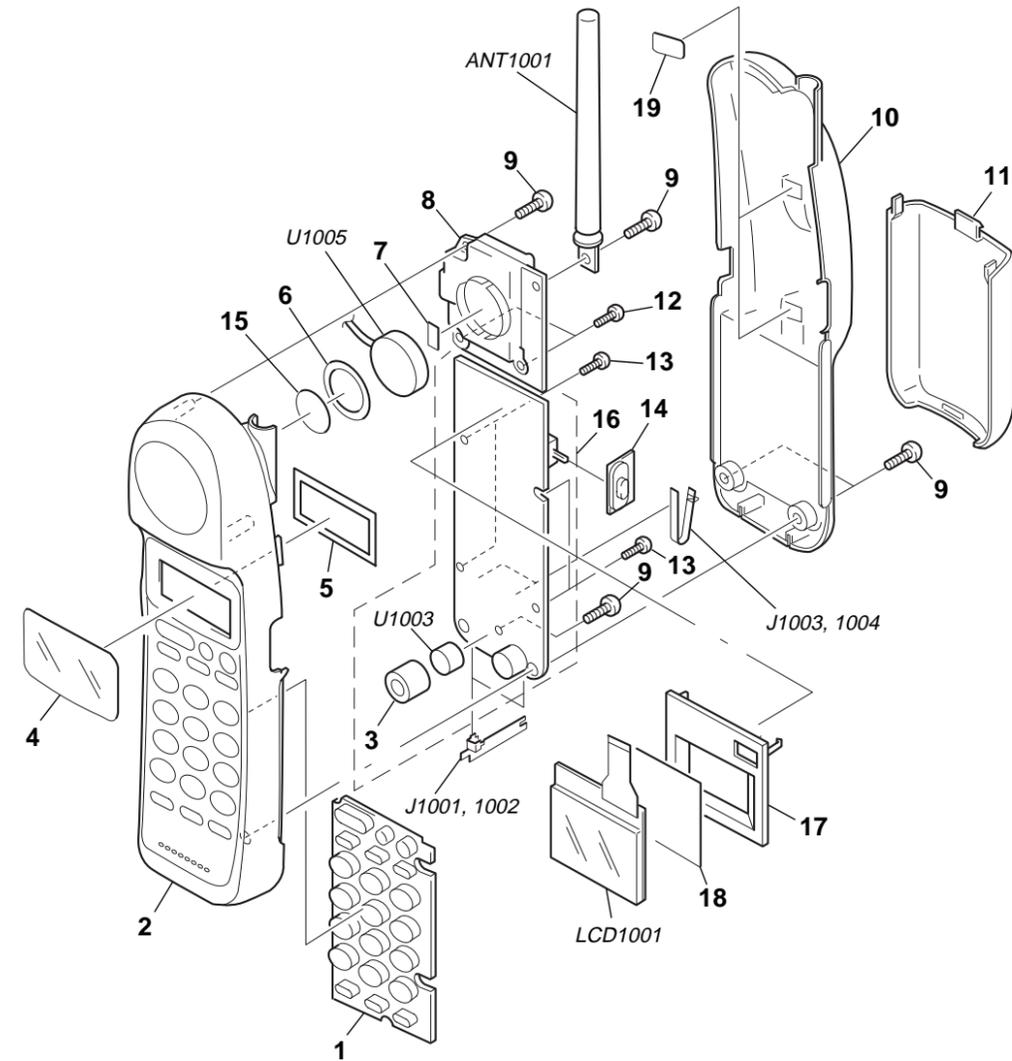
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example :
KNOB, BALANCE (WHITE) ... (RED)

- Accessories and packing materials are given in the last of this parts list.

Parts Color Cabinet's Color

5-1. HANDSET SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	3-038-148-01	KEY (HS), RUBBER (ID975)		15	3-041-535-01	FELT, RX	
1	3-038-148-11	KEY (HS), RUBBER (ID976)		* 16	A-3672-876-A	HAND MAIN BOARD, COMPLETE (ID975)	
2	3-038-075-01	CASE (FR)		* 16	A-3672-897-A	HAND MAIN BOARD, COMPLETE (ID976)	
3	3-041-211-01	RUBBER, MICROPHONE		17	3-038-084-01	DIFFUSER (HS)	
4	3-038-081-01	LENS (HS)		18	3-041-536-01	SHEET	
5	3-041-520-01	HOLDER (HS), LCD		19	3-041-547-01	COVER (HS), HOOK	
6	3-041-537-01	RING, CUSHION RECEIVER		ANT1001	1-754-103-11	ANTENNA	
7	3-041-212-01	CUSHION, SPEAKER		J1001	3-041-208-01	TERMINAL, CHARGE	
8	A-3672-875-A	RF UNIT (HS)		J1002	3-041-208-01	TERMINAL, CHARGE	
9	7-685-548-19	SCREW +BTP 3X12 TYPE2 N-S		J1003	3-041-210-01	TERMINAL, BATTERY	
10	3-038-076-01	CASE (REAR)		J1004	3-041-210-01	TERMINAL, BATTERY	
11	3-038-083-01	LID (HS), BATTERY CASE		LCD1001	1-803-832-11	LCD MODULE	
12	4-356-741-21	SCREW, TAPPING (BIND 2X8)		U1003	1-542-260-31	MICROPHONE, ELECTRET CONDENSER	
13	4-356-741-11	SCREW, TAPPING (BIND 2X6)		U1005	1-505-593-11	SPEAKER (2.8cm)	
14	3-038-085-01	KNOB (HS), VOLUME					