

SERVICE PRECAUTIONS

OTHERS

● To secure the front panel

The front panel can be secured with the supplied screw.



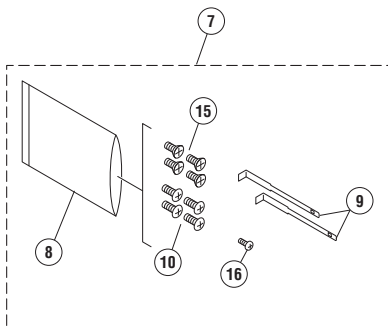
EXPLODED VIEWS AND PARTS LIST

PACKING SECTION (Page 21)

PACKING SECTION PARTS LIST

*:Non spare part

Mark	No.	Description	SPH-10BT/XNEW5	SPH-10BT/XNUC
	1	Unit Box	CHG9630	CHG9725
	2	Contain Box	CHL9630	CHL9762
	4	Polyethylene Bag	QEG3001	CEG1173
	5-1	Installation Manual	CRD5084	CRD5150
	5-2	Quick Start Guide	CRD5073	CRD5149
	5-3	Owner's Manual	CRB5166	Not used
*	5-4	Web IM	See Contents of Web IM	See Contents of Web IM
*	5-5	Warranty Card	CRY1376	QRY3001
	6	MBL PWS Conn-Cord	CDP1697	CDP1696
	7	Accessory Assy	Not used	QEA3337
*	8	Polyethylene Bag	Not used	CEG1160
	10	Screw	Not used	CBA2384
	15	Screw	Not used	CBA2383
	16	Screw	Not used	BPZ20P060FTC



Installation Manual, Quick Start Guide

Part No.	Language
CRD5149	English, French, Spanish(Espanol)
CRD5150	English, French, Spanish(Espanol)

CONTENTS OF WEB IM

Part No.	Language
* CRB5232	English
* CRB5233	French
* CRB5234	Spanish(Espanol)

All operation manuals are supplied in PDF files by the WEB. No printed papers are available.

EXTERIOR SECTION (Page 23)

EXTERIOR SECTION PARTS LIST

Mark	No.	Description	SPH-10BT/XNEW5	SPH-10BT/XNUC
	1	Grille Assy	CXF1939	CXF2602
	2	Keyboard Unit	CWF2277	CWF2276
	25	Tuner Amp Unit	CWF2268	CWF3353
	45	MBL PWS Conn-Cord	CDP1697	CDP1696

ELECTRICAL PARTS LIST (Page 45)

Tuner Amp Unit

Circuit Symbol and No.	Part Name	SPH-10BT/XNEW5	SPH-10BT/XNUC
IC741	Flash ROM Unit	CVQ1140	CVQ1249
D111	Zener Diode	UDZV7R5(B)	UDZV6R8(B)
R113		XRS1/16SS333J	XRS1/16SS822J
R114		RS1/4SA122J	RS1/4SA102J
R702		XRS1/16SS472J	XRS1/16SS152J
R1312		XRS1/16SS103J	XRS1/16SS272J

Keyboard Unit

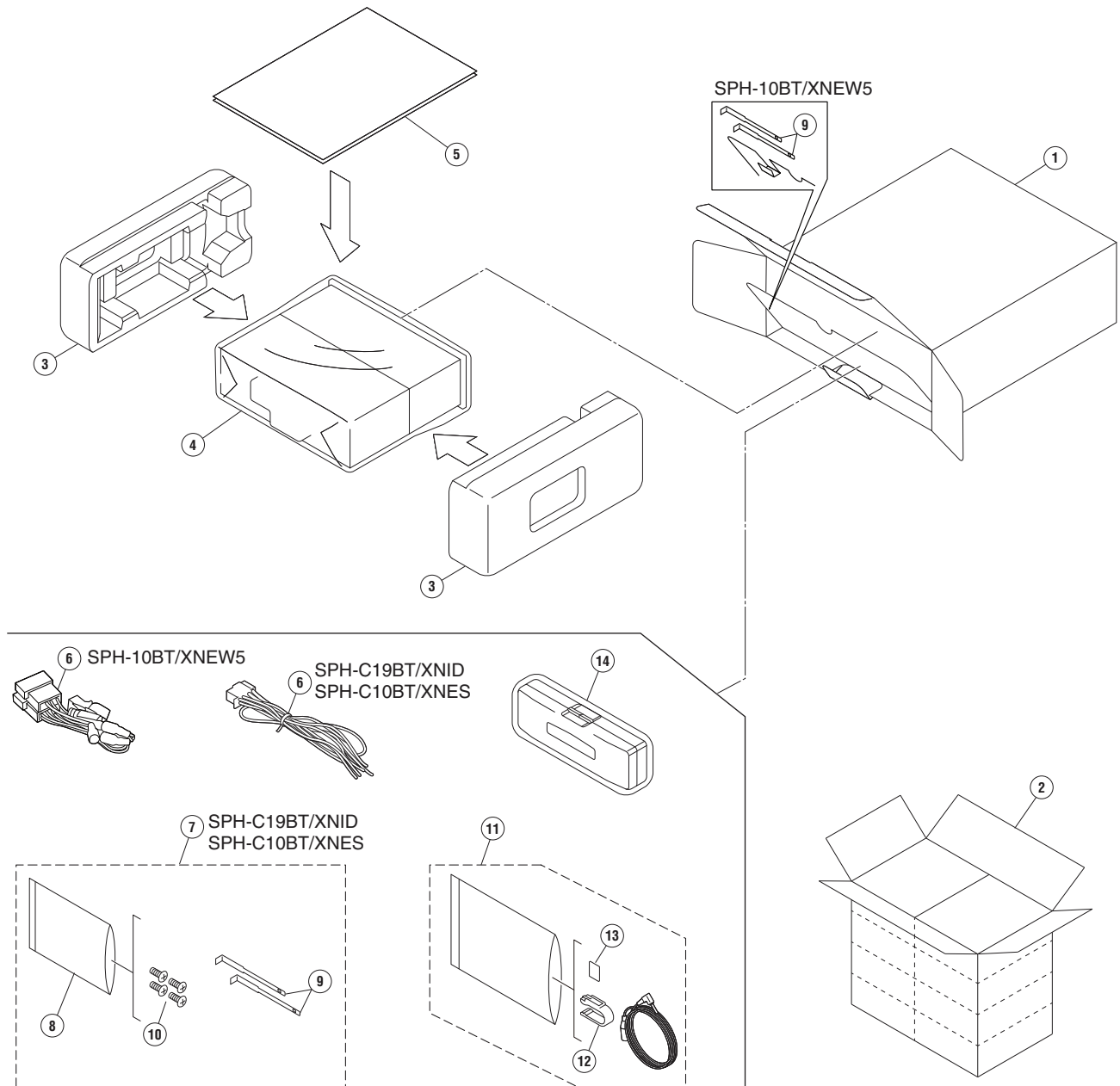
Circuit Symbol and No.	Part Name	SPH-10BT/XNEW5	SPH-10BT/XNUC
IC1851	IR RC REC Module	Not used	SIR8440B5
R1801		RS1/16SS103J	Not used
R1853		Not used	RS1/16SS101J
C1851		Not used	CKSRAYX106M10

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

9. EXPLODED VIEWS AND PARTS LIST

- NOTES :**
- Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.
 - The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - Screw adjacent to  mark on the product are used for disassembly.
 - For the applying amount of lubricants or glue, follow the instructions in this manual.
(In the case of no amount instructions, apply as you think it appropriate.)

9.1 PACKING SECTION



(1) PACKING SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Unit Box	See Contrast table (2)	7	Accessory Assy	See Contrast table (2)
2	Contain Box	See Contrast table (2)	* 8	Polyethylene Bag	See Contrast table (2)
3	Protector	CHP4594	9	Handle	QNC3021
4	Polyethylene Bag	QEG3001	10	Screw	See Contrast table (2)
5-1	Installation Manual	See Contrast table (2)	11	Microphone Assy	CPM1111
5-2	Quick Start Guide	See Contrast table (2)	12	Holder	CZN7192
5-3	Owner's Manual	See Contrast table (2)	13	Cushion	CZN7193
* 5-4	Web IM	See Contrast table (2)	14	Case Assy	QXA3129
* 5-4	Warranty Card	See Contrast table (2)			
6	MBL PWS Conn-Cord	See Contrast table (2)			

(2) CONTRAST TABLE

SPH-10BT/XNEW5, SPH-C19BT/XNID and SPH-C10BT/XNES are constructed the same except for the following:

Mark	No.	Description	SPH-10BT/XNEW5	SPH-C19BT/XNID	SPH-C10BT/XNES
	1	Unit Box	CHG9630	CHG9628	CHG9629
	2	Contain Box	CHL9630	CHL9628	CHL9629
	5-1	Installation Manual	CRD5084	Not used	CRD5091
	5-2	Quick Start Guide	CRD5073	CRB5151	CRD5074
	5-3	Owner's Manual	CRB5166	Not used	Not used
	5-4	Web IM	See Contents of Web IM (3)	See Contents of Web IM (3)	See Contents of Web IM (3)
	5-5	Warranty Card	CRY1376	CRY1304	Not used
	6	MBL PWS Conn-Cord	CDP1697	CDP1696	CDP1696
	7	Accessory Assy	Not used	QEA3338	QEA3338
	8	Polyethylene Bag	Not used	CEG1160	CEG1160
	10	Screw	Not used	CBA2384	CBA2384

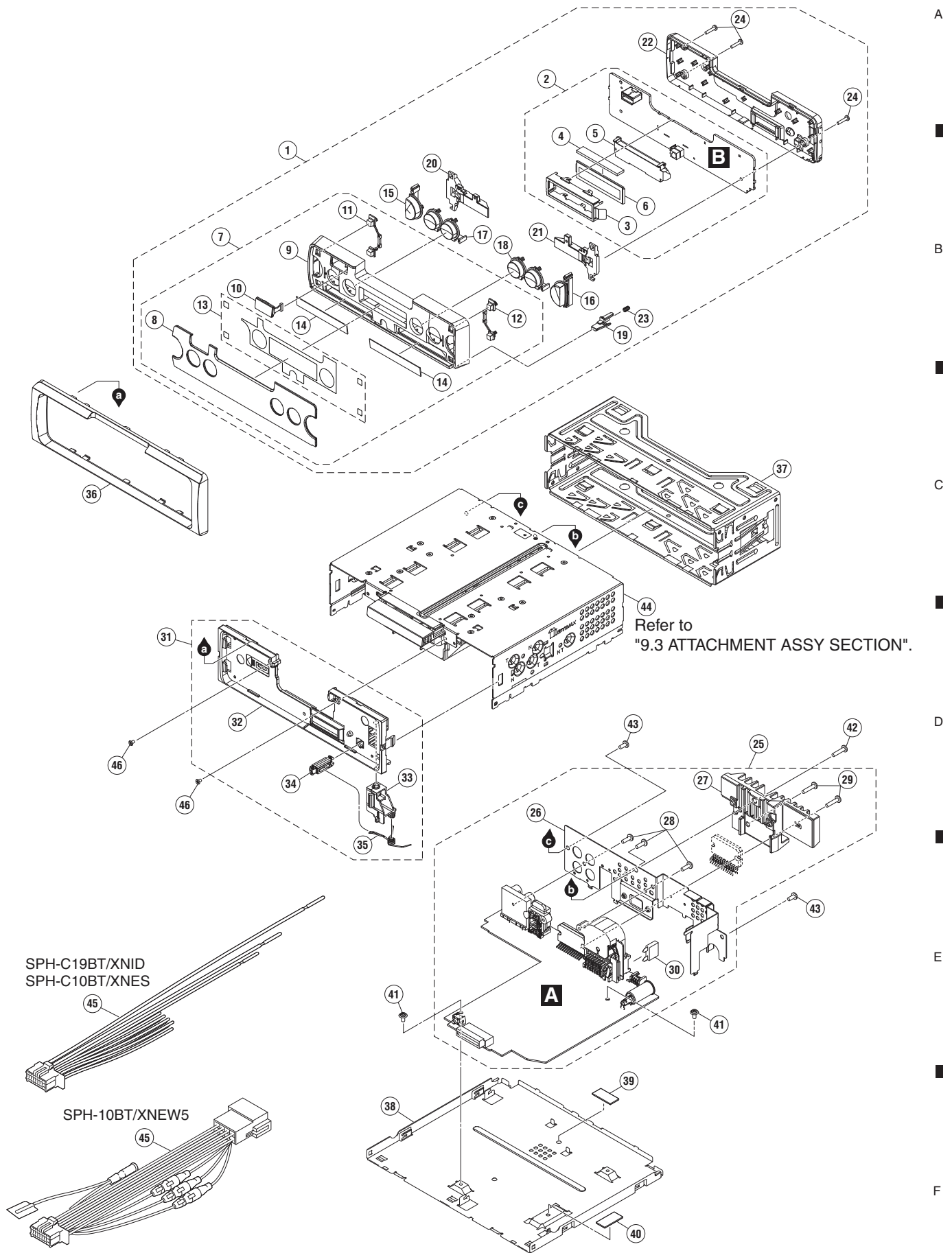
Owner's Manual, Installation Manual, Quick Start Guide

Part No.	Language
CRB5151	English
CRB5166	Russian
CRD5073	English, French, Italian, Spanish(Espanol), German, Dutch
CRD5074	English, Spanish(Mexican)
CRD5084	English, French, Italian, Spanish(Espanol), German, Dutch, Russian
CRD5091	English, Spanish(Mexican)

(3) CONTENTS OF WEB IM

Part No.	Language
* CRB5160 (for XNEW5)	English(Great Britain)
* CRB5161 (for XNEW5)	French
* CRB5162 (for XNEW5)	Italian
* CRB5163 (for XNEW5)	Spanish(Espanol)
* CRB5164 (for XNEW5)	German
* CRB5165 (for XNEW5)	Dutch
* CRB5153 (for XNID)	English(Great Britain)
* CRB5167 (for XNES)	English(Great Britain)
* CRB5168 (for XNES)	Spanish(Mexican)
* CRB5169 (for XNES)	Portuguese(B)
* CRB5170 (for XNES)	Traditional Chinese
* CRB5171 (for XNES)	Arabic
* CRB5172 (for XNES)	Persian

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(1) EXTERIOR SECTION PARTS LIST

	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
A	1	Grille Assy	See Contrast table (2)	26	Holder	QNC3175
	2	Keyboard Unit	See Contrast table (2)	27	Heat Sink	See Contrast table (2)
	3	Holder	CND8008	28	Screw	BPZ26P080FTC
	4	Rubber Connector	CNW4005	29	Screw	BSZ26P120FTC
	5	Lighting Conductor	CNW4006	△ 30	Fuse (10 A)	CEK1415
B	6	Segment LCD (V1801)	CAW2064	31	Panel Assy	CXF1926
	7	Grille Unit	See Contrast table (2)	32	Panel	CNU4137
	* 8	Plate	CNU4141	33	Arm	QNV3025
	* 9	Grille	CNU4142	34	Button	QNV3026
	* 10	Cap	CNU4145	35	Spring	QBH3001
C	* 11	Button(VOL UP/DOWN)	CAI4961	36	Panel	CNU4144
	* 12	Button(TRACK UP/DOWN)	CAI4962	37	Holder	QNC3020
	* 13	DS Tape	CNN5581	38	Case	QNB3055
	* 14	Sheet	CNN5666	39	Heat Cond Sheet	QNM3130
	15	Button(SOURCE)	CAI4957	40	Heat Cond Sheet	QNM3223
D	16	Button(MENU)	CAI4958	41	Screw	ASZ26P050FTC
	17	Button(VOICE/NAVI)	CAI4959	42	Screw	BSZ26P120FTC
	18	Button(MESSAGE/PHONE)	CAI4960	43	Screw	BSZ26P060FTC
	19	Button(DETACH)	CAI4963	44	Attachment Assy	CXF1859
	20	Lighting Conductor	CNW4003	45	MBL PWS Conn-Cord	See Contrast table (2)
E	21	Lighting Conductor	CNW4004	46	Screw (M2 x 3)	CBA1877
	22	Cover	CNU4143			
	23	Spring	CBH2210			
	24	Screw	BPZ20P100FTC			
	25	Tuner Amp Unit	See Contrast table (2)			

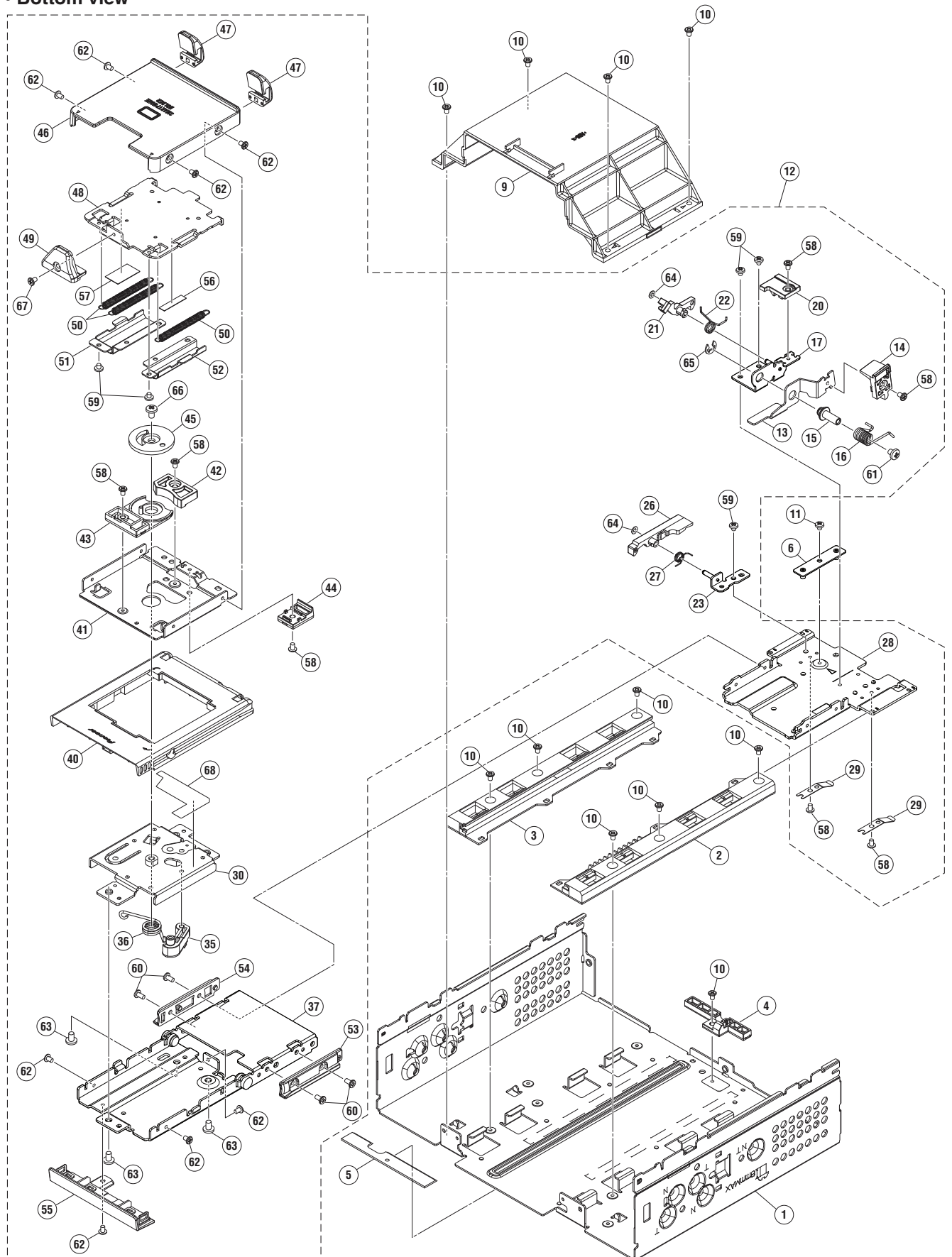
(2) CONTRAST TABLE

SPH-10BT/XNEW5, SPH-C19BT/XNID and SPH-C10BT/XNES are constructed the same except for the following:

Mark	No.	Description	SPH-10BT/XNEW5	SPH-C19BT/XNID	SPH-C10BT/XNES
	1	Grille Assy	CXF1939	CXF1942	CXF1940
	2	Keyboard Unit	CWF2277	CWF2276	CWF2276
	7	Grille Unit	CXF1797	CXF1812	CXF1810
	25	Tuner Amp Unit	CWF2268	CWF2271	CWF2269
	27	Heat Sink	QNR3010	QNR3002	QNR3002
	45	MBL PWS Conn-Cord	CDP1697	CDP1696	CDP1696

5 6 7 8 9.3 ATTACHMENT ASSY SECTION

• Bottom view



1 2 3 4

ATTACHMENT ASSY SECTION PARTS LIST

	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
A	1	Chassis	CNA3445	46	Cover	CNU4130
	2	Rail	CNW3983	47	Holder	CNW3995
	3	Rail	CNW3984	48	Holder	CND7995
	4	Stopper	CNW3985	49	Holder	CNW3996
	5	Sheet	CNN5570	50	Spring	CBH3160
B	6	Holder Unit	CXF1767	51	Cover	CND7996
	7	•••••		52	Cover	CND7997
	8	•••••		53	Holder	CNW3997
	9	Cover	CNW3999	54	Holder	CNW3998
	10	Screw(M2 x 3)	CBA1797	55	Cover	CNU4131
	11	Screw	BMZ20P020FTC	56	Cushion	CNN5601
	12	Slider	CXF1945	57	Cushion	CNN5602
	13	Arm	CND7987	58	Screw(M2 x 3)	CBA1797
	14	Stopper	CNW3986	59	Screw	BMZ20P020FTC
	15	Shaft	CLA5258	60	Screw(M2 x 4)	CBA2265
C	16	Spring	CBH3156	61	Screw	BMZ26P030FTC
	17	Holder Unit	CXF1763	62	Screw(M2 x 3)	CBA1877
	18	•••••		63	Screw	BMZ26P030FTB
	19	•••••		64	Washer	CBF1038
	20	Stopper	CNW3987	65	Washer	YE30FTC
	21	Lever	CNW3988	66	Screw(M2.6 x 4)	CBA1738
	22	Spring	CBH3157	67	Screw(M2 x 2.5)	CBA2026
	23	Holder Unit	CXF1764	68	Cushion	CNN5668
	24	•••••				
	25	•••••				
D	26	Lever	CNW3989			
	27	Spring	CBH3158			
	28	Frame	CND7990			
	29	Spring	CBL1880			
	30	Holder Unit	CXF1765			
	31	•••••				
	32	•••••				
	33	•••••				
	34	•••••				
	35	Arm	CNW3990			
E	36	Spring	CBH3159			
	37	Frame Unit	CXF1766			
	38	•••••				
	39	•••••				
	40	Cover	CNU4129			
	41	Cover	CND7994			
	42	Holder	CNW3991			
	43	Holder	CNW3992			
	44	Holder	CNW3993			
	45	Holder	CNW3994			
F						

12. ELECTRICAL PARTS LIST

NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/○S○○○○J, RS1/○○S○○○○J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

- Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- The expression of the unit in this manual is shown by u instead of μ . Please do not make a mistake.

Circuit Symbol and No.	Part No.	Circuit Symbol and No.	Part No.
A:SPH-10BT/XNEW5		Q 202 FET	SSM3J332R
B:SPH-C19BT/XNID		Q 203 Power MOS FET	RRR040P03
C:SPH-C10BT/XNES		Q 204 Resistor Built-in Transistor	LTC014TEB
		Q 205 FET	SSM3J332R
		Q 441 Transistor	2SAR502UB
Unit Number: CWF2268(A)		Q 442 Resistor Built-in Transistor	LTC023YEB
Unit Number: CWF2271(B)		Q 701 Resistor Built-in Transistor	LTA023YEB
Unit Number: CWF2269(C)		Q 1242 Transistor	IMH23
Unit Name : Tuner Amp Unit		Q 1276 Bipolar Transistor(B,C)	EMD53
Unit Number: CWF2277(A)		Q 1277 Bipolar Transistor(B,C)	EMD53
Unit Number: CWF2276(B,C)		Q 1278 Bipolar Transistor(B,C)	EMD53
Unit Name : Keyboard Unit		Q 1279 Bipolar Transistor(B,C)	EMD53
		Q 1301 Transistor	EMD52
		Q 1302 Resistor Built-in Transistor	LTA023YEB
		D 101 Diode	D1F60-5053
		D 102 Diode	D1F60-5053
		D 111 Zener Diode(A)	UDZV7R5(B)
		D 111 Zener Diode(B,C)	UDZV6R8(B)
		D 121 Switching Diode	1SS355VM
		D 141 Zener Diode	UDZV7R5(B)
		D 151 Switching Diode	1SS355VM
		D 161 Zener Diode	UDZV5R6(B)
		D 201 Schottky Diode	RB162MM-40TF
		D 202 Rectifier Diode	RR1VWM4STF
		D 203 Schottky Diode	RB056LAM-40TF
		D 204 Rectifier Diode	RR1VWM4STF
		D 206 Schottky Diode	CMS30I30A
		D 207 Schottky Diode	RB751SM-40
		D 208 Schottky Diode	RB751SM-40
		D 210 Schottky Diode	RB162MM-40TF
		D 501 Schottky Diode	RB751SM-40
		D 502 Schottky Diode	RB751SM-40
		D 1201 Zener Diode	RSB6R8SM
		D 1204 Zener Diode	UDZV18(B)
		D 1205 Zener Diode	UDZV18(B)
		D 1209 Zener Diode	RSB6R8SM
		D 1210 Zener Diode	RSB6R8SM
		D 1233 Zener Diode	RSB6R8SM
		D 1302 Rectifier Diode	RR1VWM4STF
		D 1303 Schottky Diode	RB751SM-40
		L 101 Choke Coil 120 uH	CTH1620
		L 201 SMD SPL Inductor	CTH1521
		L 202 SMD SPL Inductor	CTH1584
MISCELLANEOUS			
IC 201 Power supply IC	BD49101ARFS		
IC 501 Microprocessor IC	STA1080		
IC 502 IC	S-80827CNMC-B8M		
IC 504 Buffer Logic IC	TC7SH126FUS1		
IC 701 IC	337S3959		
IC 711 RAM IC	M12L128168A-5TG2N		
IC 731 ROM IC	M95512-RMN6P		
IC 741 Flash ROM Unit	CVQ1140		
IC 742 Flash Memory IC	W25Q16JVSSIQ		
IC 761 E-VOL System LSI	BD37067FV		
IC 851 Tuner IC	TEF6686AHN		
IC 1301 Power Amp IC	TCB501HQ		
IC 1302 Logic IC	TC7SH32FUS2		
Q 111 Resistor Built-in Transistor	LTC014TEB		
Q 121 Resistor Built-in Transistor	LTC014EEB		
Q 141 Resistor Built-in Transistor	LTC014TEB		
Q 142 Resistor Built-in Transistor	LTC014TEB		
Q 151 Resistor Built-in Transistor	LTA023YEB		
Q 161 Resistor Built-in Transistor	LTC014TEB		
Q 201 Resistor Built-in Transistor	LTC014TEB		

Circuit Symbol and No.**Part No.****Circuit Symbol and No.****Part No.**

L 203 Chip Beads
L 441 Inductor

VTL1133
CTF1736

R 153
R 154
R 161
R 162
R 163

XRS1/16SS473J
XRS1/16SS103J
XRS1/16SS473J
XRS1/16SS104J
XRS1/16SS472J

L 501 Chip Beads
L 502 Inductor
L 504 Chip Beads
L 505 Chip Beads
L 511 Chip Beads

VTL1133
CTF1645
VTL1133
VTL1133
VTL1133

R 164
R 201
R 202
R 203
R 204

RS1/4SA102J
XRS1/16SS102J
XRS1/16SS3303D
XRS1/10SR0R0J
XRS1/10SR0R0J

L 513 Chip Beads
L 514 Chip Beads
L 517 Chip Beads
L 518 Chip Beads
L 519 Chip Beads

VTL1133
VTL1126
VTL1133
VTL1133
VTL1133

R 206
R 207
R 208
R 209
R 210

XRS1/16SS472J
XRS1/16SS103J
XRS1/16SS473J
XRS1/10SR472J
XRS1/16SS103J

L 520 Chip Beads
L 711 Chip Beads
L 854 Inductor
L 855 Inductor
L 856 Inductor(A)

VTL1133
VTL1133
LCMAR27J1608
CTF1786
CTF1787

R 211
R 212
R 213
R 214
R 215

XRS1/10SR472J
XRS1/16SS103J
XRS1/16SS132J
XRS1/16SS102J
XRS1/16SS2403D

L 857 SMD SPL Inductor(B,C)
L 858 Chip Coil(B,C)
L 859 Chip Coil(B,C)
L 860 Inductor(A)
L 863 Inductor

LCYAR82J2016
LCTAWR27J2520
LCTAW3R3J2520
LCYC150K1608
LCMAR22J1608

R 216
R 217
R 218
R 219
R 220

XRS1/16SS7502D
XRS1/16SS4303D
XRS1/16SS4303D
XRS1/16SS273J
XRS1/16SS474J

L 1001 Chip Ferrite Bead
L 1201 Noise Filter
L 1232 Chip Beads
X 501 Resonator 24 MHz
X 502 Resonator 32.768 kHz

DTL1107
CTF1901
VTL1133
CSS1773
CSS1807

R 221
R 222
R 223
R 224
R 225

0.02 ohm

XRS1/16SS473J
XRS1/16SS6802D
CCN1401
XRS1/16SS6802D
XRS1/16SS102J

X 851 Crystal Resonator 55.46667 MHz
S 501 Switch(RESET)
P 852 Surge Absorber
P 1232 Poly Switch
P 1243 Poly Switch

CSS1898
CSG1020
IMSA-6803-01Y900
FSMD075-24R
FSMD075-24R

R 226
R 227
R 229
R 230
R 231

XRS1/16SS1203D
XRS1/16SS1802D
XRS1/16SS3902D
XRS1/16SS682J
XRS1/16SS4703D

P 1276 Poly Switch
VA1201 SMD Varistor
VA1202 SMD Varistor
U 1001 BT Module
CN1201 Connector

FSMD075-24R
MLV0402ES012V0010N
MLV0402ES012V0010N
CWX4751
CKS6452

R 232
R 233
R 234
R 235
R 236

XRS1/16SS1503D
XRS1/16SS1003D
XRS1/16SS7503D
XRS1/16SS1603D
XRS1/16SS103J

JA101 Connector
JA851 Antenna Jack
JA1232 Connector
JA1241 Jack
JA1276 Jack

CKM1613
CKX1104
CKS6603
CKB1109
CKN1103

R 238
R 239
R 240
R 241
R 242

XRS1/16SS103J
XRS1/16SS101J
XRS1/16SS101J
XRS1/16SS680J
XRS1/16SS4701D

RESISTORS

R 111
R 112
R 113 (A)
R 113 (B,C)
R 114 (A)

XRS1/16SS223J
XRS1/16SS473J
XRS1/16SS333J
XRS1/16SS822J
RS1/4SA122J

R 243
R 244
R 246
R 248
R 250

XRS1/16SS393J
XRS1/16SS103J
XRS1/10SR0R0J
XRS1/16SS473J
XRS1/10SR471J

R 114 (B,C)
R 121
R 123
R 141
R 142

RS1/4SA102J
XRS1/16SS103J
RS1/4SA102J
XRS1/16SS104J
XRS1/16SS473J

R 263
R 269
R 301
R 441
R 442

XRS1/10SR103J
XRS1/16SS101J
XRS1/10SR0R0J
XRS1/16SS103J
XRS1/10SR221J

R 143
R 144
R 145
R 151
R 152

XRS1/16SS103J
XRS1/16SS472J
XRS1/16SS0R0J
XRS1/16SS102J
XRS1/16SS223J

R 503
R 504
R 505
R 506
R 507

XRS1/16SS3R3J
XRS1/16SS3R3J
XRS1/16SS221J
XRS1/16SS473J
XRS1/16SS473J

5		6		7		8	
Circuit Symbol and No.		Part No.		Circuit Symbol and No.		Part No.	
R 508		XRS1/16SS473J		R 579		XRS1/16SS473J	
R 509		XRS1/16SS473J		R 580		XRS1/16SS473J	A
R 510		XRS1/16SS473J		R 581		XRS1/16SS0R0J	
R 511		XRS1/16SS473J		R 583		XRS1/16SS0R0J	
R 512		XRS1/16SS102J		R 584		XRS1/16SS102J	
				R 585		XRS1/16SS0R0J	
R 513		XRS1/16SS222J					
R 515		XRS1/16SS103J		R 586		XRS1/16SS103J	
R 517		XRS1/16SS103J		R 587		XRS1/16SS102J	
R 518		XRS1/16SS472J		R 588		XRS1/16SS221J	
R 519		XRS1/16SS271J		R 589		XRS1/16SS0R0J	
				R 590		XRS1/16SS221J	
R 521		XRS1/16SS473J					
R 522		XRS1/16SS0R0J		R 591		XRS1/16SS361J	
R 524		XRS1/16SS3001D		R 593		XRS1/16SS0R0J	B
R 525		XRS1/16SS103J		R 594		XRS1/16SS0R0J	
R 526		XRS1/16SS1213F		R 595		XRS1/16SS103J	
				R 596		XRS1/16SS0R0J	
R 530		XRS1/16SS473J					
R 531		XRS1/16SS222J		R 597		XRS1/16SS102J	
R 532		XRS1/16SS222J		R 598		XRS1/16SS102J	
R 533		XRS1/10SR103J		R 599		XRS1/16SS102J	
R 534		XRS1/10SR103J		R 603		XRS1/16SS101J	
				R 604		XRS1/16SS101J	
R 536		XRS1/16SS472J					
R 538 (A)		XRS1/16SS473J		R 605		XRS1/16SS101J	
R 538 (B)		XRS1/16SS472J		R 611		XRS1/16SS472J	
R 538 (C)		XRS1/16SS103J		R 614		XRS1/16SS473J	C
R 539 (B)		XRS1/16SS103J		R 615		XRS1/16SS103J	
				R 617		XRS1/16SS473J	
R 539 (C)		XRS1/16SS473J					
R 540		XRS1/16SS103J		R 627		XRS1/16SS153J	
R 541		XRS1/16SS103J		R 628		XRS1/16SS153J	
R 544		XRS1/16SS102J		R 629		XRS1/16SS472J	
R 545		XRS1/16SS473J		R 630		XRS1/16SS101J	
				R 631		XRS1/16SS0R0J	
R 546		XRS1/16SS273J					
R 547		XRS1/16SS473J		R 632		XRS1/16SS101J	
R 548		XRS1/16SS102J		R 633		XRS1/16SS101J	
R 550		XRS1/16SS103J		R 634		XRS1/16SS101J	
R 551		XRS1/16SS103J		R 635		XRS1/16SS101J	D
				R 636		XRS1/16SS101J	
R 552		XRS1/16SS102J					
R 554		XRS1/16SS222J		R 637		XRS1/16SS221J	
R 555		XRS1/16SS135J		R 638		XRS1/16SS221J	
R 556		XRS1/16SS101J		R 639		XRS1/16SS101J	
R 557		XRS1/16SS101J		R 640		XRS1/16SS101J	
				R 642		XRS1/16SS221J	
R 558		XRS1/16SS222J					
R 559		XRS1/16SS222J		R 643		XRS1/16SS101J	
R 560		XRS1/16SS473J		R 644		XRS1/16SS473J	
R 561		XRS1/16SS103J		R 645		XRS1/16SS101J	
R 562		XRS1/16SS472J		R 647		XRS1/16SS102J	
				R 648		XRS1/16SS102J	E
R 563		XRS1/16SS472J					
R 564		XRS1/16SS472J		R 650		XRS1/16SS101J	
R 566		RAB4CQ103J		R 651		XRS1/16SS102J	
R 567		XRS1/16SS472J		R 652		XRS1/16SS101J	
R 568		XRS1/16SS0R0J		R 653		XRS1/16SS0R0J	
				R 657		XRS1/16SS101J	
R 570		XRS1/16SS221J					
R 571		XRS1/16SS221J		R 658		XRS1/16SS101J	
R 572		XRS1/16SS472J		R 659		XRS1/16SS101J	
R 573		XRS1/16SS473J		R 660		XRS1/16SS101J	
R 574		XRS1/16SS473J		R 661		XRS1/16SS101J	
				R 663		XRS1/16SS101J	
R 575		XRS1/16SS473J					F
R 576		XRS1/16SS473J		R 664		XRS1/16SS101J	
R 577		XRS1/16SS0R0J		R 672		XRS1/16SS101J	
R 578		XRS1/16SS473J		R 701		XRS1/16SS103J	

Circuit Symbol and No.**Part No.****Circuit Symbol and No.****Part No.**

A	R 702	XRS1/16SS472J	R 875		XRS1/16SS472J
	R 703	XRS1/16SS101J	R 890		XRS1/16SS0R0J
			R 1001		XRS1/16SS0R0J
	R 704	XRS1/16SS101J			
	R 705	XRS1/16SS222J	R 1002		XRS1/16SS221J
	R 706	XRS1/16SS222J	R 1004		XRS1/16SS473J
	R 707	XRS1/16SS472J	R 1005		XRS1/16SS221J
	R 708	XRS1/16SS272J	R 1006		XRS1/16SS0R0J
			R 1007		XRS1/16SS0R0J
	R 709	XRS1/16SS473J			
	R 710	XRS1/16SS0R0J	R 1011		XRS1/16SS221J
	R 714	RAB4CQ121J	R 1012		XRS1/16SS221J
	R 715	RAB4CQ121J	R 1013		XRS1/16SS0R0J
	R 716	RAB4CQ121J	R 1017		XRS1/16SS473J
B			R 1018		XRS1/16SS473J
	R 717	RAB4CQ121J			
	R 718	RAB4CQ121J	R 1102		XRS1/10SR0R0J
	R 719	RAB4CQ121J	R 1128		XRS1/16SS472J
	R 720	RAB4CQ121J	R 1201		XRS1/10SR222J
	R 721	RAB4CQ121J	R 1205		XRS1/10SR222J
			R 1209		XRS1/10SR222J
	R 722	RAB4CQ121J			
	R 723	XRS1/10SR0R0J	R 1210		XRS1/10SR222J
	R 724	XRS1/16SS121J	R 1213		XRS1/16SS123J
	R 731	XRS1/16SS330J	R 1214		XRS1/10SR222J
	R 732	XRS1/16SS330J	R 1215		XRS1/10SR101J
			R 1220		XRS1/16SS0R0J
C	R 733	XRS1/16SS103J			
	R 734	XRS1/16SS103J	R 1221		XRS1/16SS0R0J
	R 735	XRS1/16SS103J	R 1222		XRS1/16SS0R0J
	R 736	XRS1/16SS330J	R 1223		XRS1/16SS0R0J
	R 737	XRS1/16SS330J	R 1235		XRS1/10SR102J
			R 1237		XRS1/16SS104J
	R 741	XRS1/16SS330J			
	R 742	XRS1/16SS103J	R 1239		XRS1/10SR471J
	R 743	XRS1/16SS103J	R 1243		XRS1/16SS821J
	R 744	XRS1/16SS330J	R 1244		XRS1/16SS821J
	R 745	XRS1/16SS330J	R 1245		XRS1/16SS821J
			R 1246		XRS1/16SS821J
	R 746	XRS1/16SS103J			
	R 747	XRS1/16SS330J	R 1247		XRS1/16SS223J
D	R 748	XRS1/16SS330J	R 1248		XRS1/16SS223J
	R 749	XRS1/16SS330J	R 1249		XRS1/16SS223J
	R 750	XRS1/16SS103J	R 1250		XRS1/16SS223J
			R 1254		XRS1/16SS0R0J
	R 751	XRS1/16SS103J			
	R 753	XRS1/16SS103J	R 1256		XRS1/16SS0R0J
	R 754	XRS1/16SS330J	R 1276 (B,C)		XRS1/16SS8201D
	R 755	XRS1/16SS0R0J	R 1277 (B,C)		XRS1/16SS6800D
	R 756	XRS1/16SS0R0J	R 1278 (A)		XRS1/16SS102J
			R 1278 (B,C)		XRS1/16SS1001D
	R 757	XRS1/16SS0R0J			
	R 763	XRS1/16SS101J	R 1279 (B,C)		XRS1/16SS6800D
	R 764	XRS1/16SS101J	R 1280 (A)		XRS1/16SS102J
	R 766	XRS1/16SS0R0J	R 1280 (B,C)		XRS1/16SS1001D
E	R 767	XRS1/16SS104J	R 1281		XRS1/16SS101J
			R 1282		XRS1/16SS101J
	R 768	XRS1/16SS181J			
	R 851	XRS1/16SS105J	R 1283 (B,C)		XRS1/16SS8201D
	R 852	XRS1/16SS105J	R 1301		XRS1/16SS123J
	R 853 (A)	XRS1/16SS391J	R 1302		XRS1/16SS103J
	R 853 (B,C)	XRS1/16SS101J	R 1303		XRS1/16SS221J
			R 1306		XRS1/16SS103J
	R 863	XRS1/16SS103J			
	R 868	XRS1/16SS103J	R 1307		XRS1/16SS0R0J
	R 870	XRS1/16SS101J	R 1308		RS1/8SQ0R0J
	R 871	XRS1/16SS0R0J	R 1312		XRS1/16SS103J
	R 872	XRS1/16SS0R0J	R 1313		XRS1/16SS102J
F			R 1321		XRS1/16SS0R0J
	R 873	XRS1/16SS182J			
	R 874	XRS1/16SS101J	R 1322		XRS1/16SS0R0J

5		6		7		8	
<u>Circuit Symbol and No.</u>		<u>Part No.</u>		<u>Circuit Symbol and No.</u>		<u>Part No.</u>	
R 1323		XRS1/16SS0R0J		C 246		CKSRYX104K50	
R 1324		XRS1/16SS0R0J					
R 1416		XRS1/10SR0R0J		C 247		CKSSYX105K10	A
R 1431		XRS1/10SR0R0J		C 248		CKSRYX105K50	
<u>CAPACITORS</u>				C 249		CCSSCH820J50	
				C 250		CKSRYX225K10	
				C 251		CKSSYX105K10	
C 101	2 200 uF/16V	CCH1659					
C 102		CKSRYB103K50		C 252		CKSRYX475K6R3	
C 103		CKSSYB102K50		C 253		CKSRYX105K50	
C 104		CKSSYB102K50		C 255		CKSSYX105K6R3	
C 105		CKSSYB102K50		C 257		CKSYX106K35	
				C 259		CKSQYX106K10	
C 106		CKSSYB102K50					
C 107		CKSSYB102K50		C 260		CKSQYX106K10	
C 108		CKSSYB102K50		C 261		CKSSYB104K10	B
C 109		CKSSYB102K50		C 270		CKSRYX475K6R3	
C 110		CKSSYB102K50		C 441		CCSSCH101J50	
				C 442		CKSRYX106M6R3	
C 111		CKSRYX104K50					
C 121		CKSSYB104K16		C 443		CCSSCH101J50	
C 122		CKSRYX105K50		C 444		CKSRYX106M6R3	
C 161		CKSSYB102K50		C 502		CKSSYB104K10	
C 201		CKSSYB681K50		C 503		CKSRYX475K6R3	
				C 505		CKSSYB104K10	
C 202		CEVW221M16					
C 203		CKSRYX106M6R3		C 506		CKSRYX475K6R3	
C 204		CEVQW221M6R3		C 507		CKSRYX475K6R3	
C 205		CKSRYX105K50		C 508		CKSSYB104K10	C
C 206		CKSYX106K35		C 509		CKSRYX475K6R3	
				C 510		CKSSYB104K10	
C 207		CKSSYB104K10					
C 208		CCSSCH471J50		C 511		CKSRYX475K6R3	
C 209		CKSSYB681K50		C 512		CKSSYB104K10	
C 210	2 200 uF/16V	CCH1659		C 513		CKSRYX475K6R3	
C 211		CKSQYX106K10		C 514		CKSSYB104K10	
				C 515		CKSSYX105K10	
C 212		CEAT102M16					
C 213		CKSSYB222K50		C 516		CKSRYX225K16	
C 214		CKSRYX106M6R3		C 517		CKSSYB104K10	
C 215		CKSSYB104K16		C 518		CCSSCH100D50	
C 216		CKSSYX104K50		C 519		CCSSCH100D50	D
				C 520		CKSRYX475K6R3	
C 217		CKSSYB102K50					
C 218		CKSYX106K35		C 521		CKSSYB104K10	
C 220		CKSYX106K35		C 522		CKSRYX475K6R3	
C 221		CKSYX106K35		C 523		CKSRYX475K6R3	
C 222		CEVW221M16		C 524		CKSRYX475K6R3	
				C 525		CKSRYX106M6R3	
C 223		CCSSCH221J50					
C 224		CKSRYX105K16		C 526		CKSSYB103K16	
C 225		CKSRYX105K16		C 527		CKSRYX106M6R3	
C 227		CCSSCH221J50		C 528		CKSSYB103K16	
C 228		CKSSYB102K50		C 529		CKSSYB104K10	
				C 530		CKSRYX475K6R3	E
C 230		CKSQYX106K10					
C 231		CKSSYB104K16		C 531		CKSSYX105K10	
C 232		CEHVW101M6R3		C 532		CKSSYX105K10	
C 234		CKSRYX475K6R3		C 533		CKSRYX475K6R3	
C 236		CKSYX106K35		C 534		CKSSYB104K10	
				C 535		CEVW221M10	
C 237		CKSSYB104K16					
C 238		CKSYX226M16		C 536		CCSSCH101J50	
C 239		CCSSCH100D50		C 537		CKSSYB103K16	
C 240		CCSSCH100D50		C 538		CKSRYX106M6R3	
C 241		CKSQYX106K10		C 539		CKSSYB103K16	
				C 540		CKSRYX106M6R3	
C 242		CKSSYB104K16					F
C 243		CKSYX106K35		C 541		CKSSYB222K50	
C 244		CKSSYB102K50		C 542		CKSSYB104K10	
C 245		CKSYX106K35		C 543		CKSSYX105K10	

Circuit Symbol and No.**Part No.****Circuit Symbol and No.****Part No.**

C 544 CKSSYB473K16
 C 545 CCSSCH100D50

A C 546 CCSSCH120J50
 C 551 CKSSYB104K10
 C 552 CKSRYX475K6R3
 C 553 CKSRYX106M6R3
 C 555 CKSSYB103K16

C 556 CKSSYB104K10
 C 558 CKSSYB104K10
 C 559 CKSQYB224K50
 C 560 CKSSYB103K16
 C 565 CCSSCH270J50

B C 566 CCSSCH330J50
 C 575 CKSSYB104K10
 C 576 CKSSYB102K50
 C 580 CKSRYX104K50
 C 588 CKSSYB104K10

C 590 CKSSYB472K25
 C 591 CKSSYB472K25
 C 592 CKSSYB472K25
 C 593 CKSSYB472K25
 C 595 CKSSYB472K25

C 701 CKSSYB104K10
 C 702 CKSSYB104K10
 C 712 CKSSYX105K10
 C 713 CKSSYB104K10
 C 714 CKSSYX105K10

C 715 CKSSYX105K10
 C 716 CKSSYX105K10
 C 717 CKSRYX475K6R3
 C 718 CKSSYX105K10
 C 719 CKSSYB104K10

C 721 CKSSYX105K16
 C 722 CKSSYB104K10
 C 723 CKSSYB102K50
 C 729 CKSQYX106K10
 C 731 CKSSYB104K10

C 741 CKSRYX225K10
 C 742 CKSSYB104K10
 C 743 CKSSYB104K10
 C 761 CKSRYX105K16
 C 762 CKSRYX105K16

C 763 CKSRYX105K16
 C 773 CKSRYX105K16
 C 776 CKSSYX104K50
 C 777 CKSYX106K35
 C 779 CKSQYX106K10

C 780 CKSSYB104K16
 C 781 CKSRYX105K16
 C 782 CKSRYX105K16
 C 783 CKSRYX105K16
 C 784 CKSRYX105K16

C 785 CKSRYX105K16
 C 787 CKSQYX106K16
 C 788 CKSQYX106K16
 C 790 CKSRYX106M6R3
 C 791 CKSSYB103K25

C 794 CCSSCH101J50
 C 853 CCSSCH120J50

C 854 CCSSCH471J50
 C 856 CKSSYX104K50
 C 857 CKSSYX104K50

C 858 CCSSCH5R0C50
 C 860 CCSSCK2R0C50
 C 861 CCSSCK1R0C50
 C 862 CCSSCK1R0C50
 C 863 CCSSCH120J50

C 865 CKSRYX225K10
 C 866 CKSSYB224K6R3
 C 867 CKSSYB102K50
 C 870 CKSSYB102K50
 C 872 CKSSYB104K10

C 874 CCSSCH180J50
 C 875 CKSSYB104K10
 C 878 CKSSYB152K50
 C 882 CKSSYX105K10
 C 884 CKSSYB104K16

C 890 CKSRYX106M6R3
 C 891 CKSRYX225K10
 C 1003 CKSSYB104K16
 C 1004 CKSSYB104K16
 C 1005 CKSRYX104K50

C 1201 CCG1345
 C 1202 CKSSYX104K50
 C 1203 CKSRYX104K50
 C 1204 CKSRYX105K16
 C 1210 CKSRYX105K16

C 1212 CCSSCH470J50
 C 1217 CCSSCH121J50
 C 1221 CKSYX106K35
 C 1231 CKSSYB104K16
 C 1243 CKSQYX106K10

C 1244 CKSQYX106K10
 C 1245 CKSQYX106K10
 C 1246 CKSQYX106K10
 C 1247 CKSSYB102K50
 C 1248 CKSSYB102K50

C 1249 CKSSYB102K50
 C 1250 CKSSYB102K50
 C 1253 CKSSYB103K16
 C 1254 CKSSYB104K10
 C 1255 CKSSYB331K50

C 1256 CKSSYX105K10
 C 1276 CKSSYB104K16
 C 1277 CKSSYB104K16
 C 1278 CKSSYB104K16
 C 1279 CKSSYB104K16

C 1280 CKSSYB102K50
 C 1281 CKSSYB102K50
 C 1301 CKSQYB474K25
 C 1302 CKSQYB474K25
 C 1303 CKSQYB474K25

C 1304 CKSQYB474K25
 C 1305 CKSSYB104K10
 C 1306 CKSRYB474K10
 C 1308 CKSRYX104K50
 C 1310 CKSQYX106K16

C 1311 CKSRYX225K10

<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>	
C 1312	CKSRYX104K50	R 1909	RS1/16SS332J	
C 1321	CKSRYX106M6R3	R 1910	RS1/16SS152J	
		R 1911	RS1/10SR680J	
		R 1912	RS1/16SS332J	A
		R 1913	RS1/16SS152J	
		R 1914	RS1/10SR680J	
		R 1915	RS1/16SS332J	
		R 1916	RS1/16SS152J	
		R 1917	RS1/10SR181J	
		R 1918	RS1/10SR221J	

MISCELLANEOUS

IC 1801	Driver IC	BU97540KV-M	R 1919	RS1/10SR680J	
IC 1851	IR RC REC Module(B,C)	SIR8440B5	R 1920	RS1/16SS332J	
Q 1901	Bipolar Transistor	LSCR523UB	R 1921	RS1/10SR181J	
Q 1902	Bipolar Transistor	LSCR523UB	R 1922	RS1/10SR181J	
Q 1903	Bipolar Transistor	LSCR523UB	R 1923	RS1/16SS152J	B
Q 1904	Bipolar Transistor	LSCR523UB	R 1924	RS1/10SR680J	
Q 1905	Bipolar Transistor	LSCR523UB	R 1925	RS1/16SS332J	
Q 1906	Bipolar Transistor	LSCR523UB	R 1926	RS1/10SR181J	
Q 1907	Bipolar Transistor	LSCR523UB	R 1927	RS1/10SR221J	
Q 1908	Bipolar Transistor	LSCR523UB	R 1928	RS1/16SS152J	
Q 1909	Bipolar Transistor	LSCR523UB	R 1929	RS1/10SR680J	
D 1861	Zener Diode	SZESD7351HG	R 1930	RS1/10SR181J	
D 1862	Zener Diode	SZESD7351HG	R 1931	RS1/16SS332J	
D 1901	LED	NSSM124F-A21107	R 1932	RS1/10SR181J	
D 1902	LED	NSSM124F-A21107	R 1933	RS1/16SS152J	C
D 1903	LED	NSSM124F-A21107	R 1934	RS1/10SR680J	
D 1904	LED	NSSM124F-A21107	R 1935	RS1/16SS332J	
D 1905	LED	NSSM124F-A21107	R 1937	RS1/10SR181J	
L 1861	Inductor	CTF1713	R 1938	RS1/10SR181J	
S 1821	Push Switch	CSG1155	R 1939	RS1/10SR181J	
S 1822	Push Switch	CSG1155	R 1940	RS1/10SR181J	
S 1823	Push Switch	CSG1155			
S 1824	Push Switch	CSG1155			
S 1825	Push Switch	CSG1155			
S 1826	Push Switch	CSG1155			
S 1827	Push Switch	CSG1155			
S 1828	Push Switch	CSG1155			
S 1829	Push Switch	CSG1155			
S 1830	Push Switch	CSG1155			
CN1881	Connector	CKS6287	C 1927	CCSSCH101J50	
			C 1928	CCSSCH101J50	
JA1861	Connector	CKS6443	C 1929	CCSSCH101J50	
V 1801	Segment LCD	CAW2064	C 1930	CCSSCH101J50	

CAPACITORS

C 1801		CKSSYX105K16		
C 1851	(B,C)	CKSRAYX106M10		D
C 1864		CKSRYX475K6R3		
C 1925		CCSSCH101J50		
C 1926		CCSSCH101J50		
C 1927		CCSSCH101J50		
C 1928		CCSSCH101J50		
C 1929		CCSSCH101J50		
C 1930		CCSSCH101J50		

RESISTORS

R 1801	(A)	RS1/16SS103J		
R 1802		RS1/16SS472J		E
R 1853	(B,C)	RS1/16SS101J		
R 1881		RS1/10SR222J		
R 1882		RS1/10SR222J		
R 1883		RS1/10SR222J		
R 1884		RS1/10SR222J		
R 1901		RS1/10SR152J		
R 1902		RS1/10SR680J		
R 1903		RS1/16SS332J		
R 1904		RS1/10SR152J		
R 1905		RS1/10SR680J		
R 1906		RS1/16SS332J		F
R 1907		RS1/10SR152J		
R 1908		RS1/10SR680J		