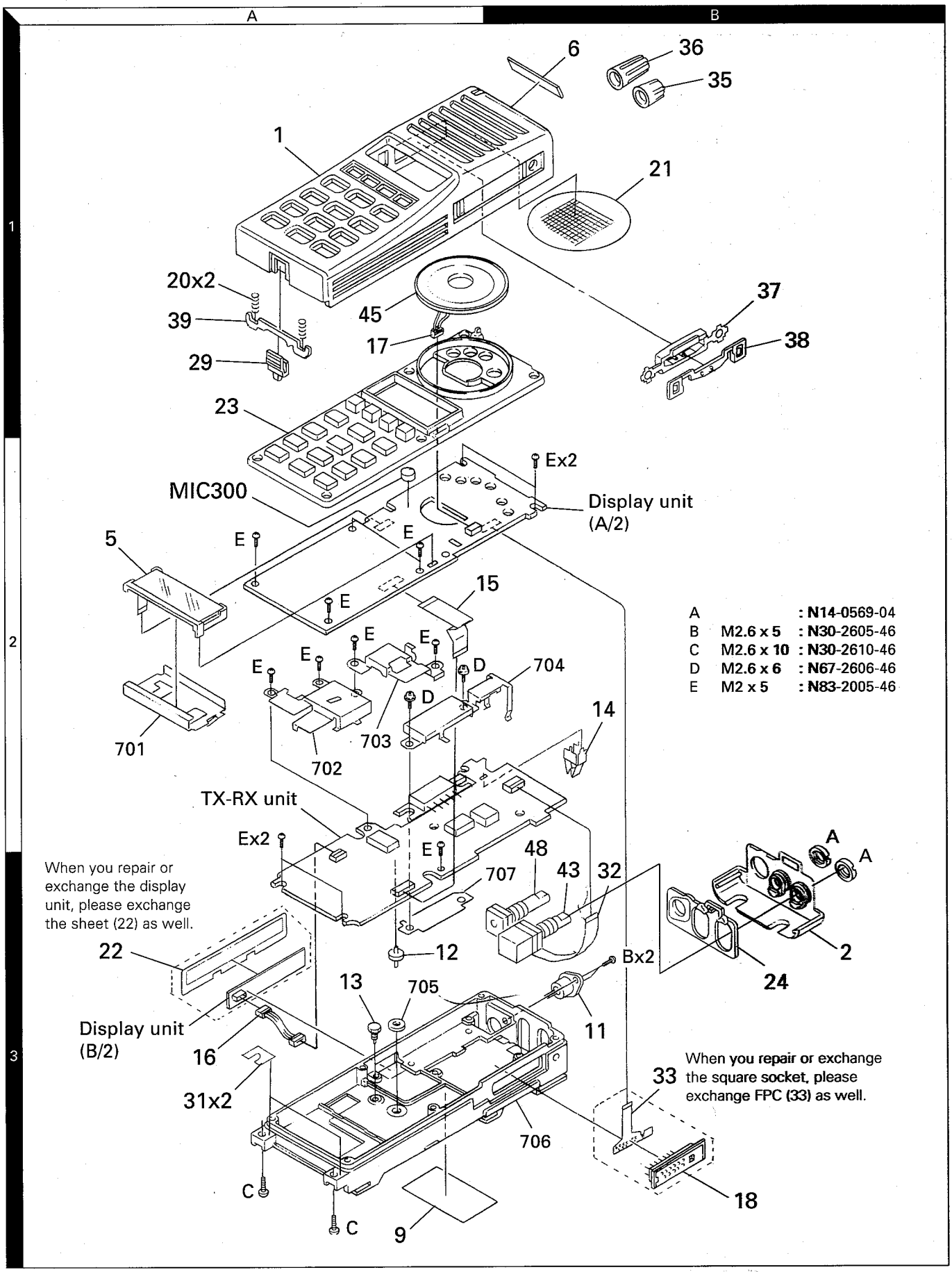
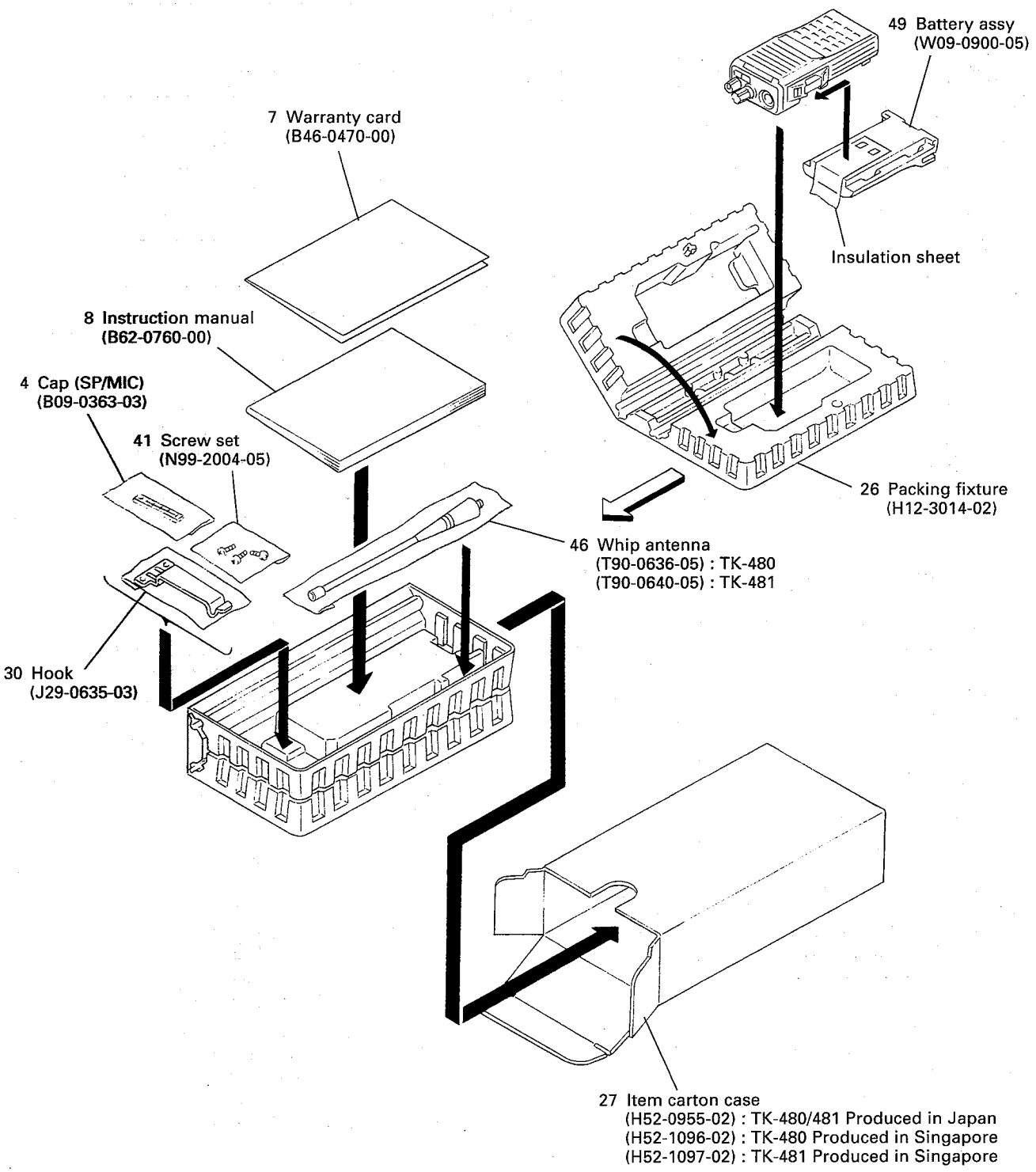
EXPLODED VIEW



Parts with the exploded numbers larger than 700 are not supplied.

PACKING


C
D
1
2
3
49 Battery assy
(W09-0900-05)
7 Warranty card
(B46-0470-00)
Insulation sheet
8 Instruction manual
(B62-0760-00)
4 Cap (SP/MIC)
(B09-0363-03)
41 Screw set
(N99-2004-05)
26 Packing fixture
(H12-3014-02)
46 Whip antenna
(T90-0636-05) : TK-480
(T90-0640-05) : TK-481
30 Hook
(J29-0635-03)
27 Item carton case
(H52-0955-02) : TK-480/481 Produced in Japan
(H52-1096-02) : TK-480 Produced in Singapore
(H52-1097-02) : TK-481 Produced in Singapore

TK-480/481

PARTS LIST

*New Parts. ⚠ indicates safety critical components.
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

L: Scandinavia **K**: USA **P**: Canada
Y: PX (Far East, Hawaii) **T**: England **E**: Europe
Y: AAFES (Europe) **X**: Australia **M**: Other Areas

TK-480/481
DISPLAY UNIT (X54-3180-XX)/(X54-3210-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
			TK-480/481		
1	1A	*	A02-2054-13	CABINET ASSY 4KEY	AB-K
1	1A	*	A02-2055-13	CABINET ASSY 16KEY	AB-K2
2	3B	*	A62-0535-04	PANEL ASSY	
4	2C	*	B09-0363-03	CAP SP/MIC ACSY	
5	2A	*	B38-0781-05	LCD ASSY	
6	1B	*	B43-1106-14	BADGE KENWOOD	
7	1C		B46-0470-00	WARRANTY CARD	
8	2C	*	B62-0760-00	INSTRUCTION MANUAL	
9	3A	*	B72-1243-04	MODEL NAME PLATE	A-J
9	3A	*	B72-1244-04	MODEL NAME PLATE	B-J
9	3A	*	B72-1365-04	MODEL NAME PLATE	A-S
9	3A	*	B72-1366-04	MODEL NAME PLATE	B-S
11	3B	*	E04-0406-05	RF COAXIAL RECEPTACLE (SMA)	
12	3A	*	E23-1047-05	TERMINAL BATT+	
13	3A	*	E23-1048-05	TERMINAL BATT-	
14	2B	*	E23-1049-04	TERMINAL ANT	
15	2A	*	E37-0672-05	FLAT CABLE CONT-TX-RX	
16	3A	*	E37-0673-05	LEAD WIRE WITH CONNECTOR PTT	
17	1A	*	E37-0674-05	LEAD WIRE WITH CONNECTOR SP	
18	3B	*	E58-0440-05	SQUARE SOCKET SP/MIC	
20	1A		G01-0881-04	COIL SPRING	
21	1B	*	G10-0799-04	FIBROUS SHEET SP	
22	3A	*	G11-0800-04	SHEET PTT	
23	1A	*	G53-0809-02	PACKING 4KEY	AB-K
23	1A	*	G53-0810-02	PACKING 16KEY	AB-K2
24	3B	*	G53-0811-03	PACKING TOP	
26	2D	*	H12-3014-02	PACKING FIXTURE	
27	3D	*	H52-0955-02	ITEM CARTON CASE	AB-J
27	3D	*	H52-1096-02	ITEM CARTON CASE	A-S
27	3D	*	H52-1097-02	ITEM CARTON CASE	B-S
29	1A		J19-1572-04	HOLDER	
30	2C	*	J29-0635-03	HOOK ACSY	
31	3A	*	J30-1241-04	SPACER CHASSIS	
32	3B	*	J82-0045-05	FPC VOL,ENC	
33	3B	*	J82-0046-05	FPC SOKET	
35	1B	*	K29-5154-03	KNOB (WITH SPRING) VOL	
36	1B	*	K29-5155-03	KNOB (WITH SPRING) ENC	
37	1B	*	K29-5157-03	KNOB PTT	
38	1B	*	K29-5158-03	KEY TOP PTT	
39	1A	*	K29-5165-03	LEVER KNOB	
A	3B		N14-0569-04	CIRCULAR NUT VOL,ENC	
B	3B		N30-2605-46	PAN HEAD MACHINE SCREW ANT	
C	3A		N30-2610-46	PAN HEAD MACHINE SCREW	
D	2A		N67-2606-46	PAN HEAD SEMS SCREW MODULE	
E	2A,2B		N83-2005-46	PAN HEAD TAPTITE SCREW UNIT	
41	2C	*	N99-2004-05	SCREW SET ACSY	
43	3B	*	R31-0617-05	VARIABLE RESISTOR	
S300	–		S70-0414-05	TACT SWITCH	
45	1A	*	T07-0347-05	SPEAKER	
46	2C	*	T90-0636-05	WHIP ANTENNA 430MHz ACSY	A-K,K2
46	2C	*	T90-0640-05	WHIP ANTENNA 800MHz ACSY	B-K,K2
MIC300	2A	*	T91-0579-05	MIC ELEMENT	
48	3B		W02-1814-05	ENCODER	
49	1D	*	W09-0900-05	BATTERY ASSY ACSY	

DISPLAY UNIT (X54-3180-XX) : Produced in Japan
DISPLAY UNIT (X54-3210-XX) : Produced in Singapore
-10 : K -11 : K2

Ref. No.	Address	New parts	Parts No.	Description	Destination
D301			B30-2019-05	LED (RED/GRN) BI-COLOR	
D305,306		*	B30-2171-05	LED (1608,G/R) BACK LIGHT	
D307-310		*	B30-2171-05	LED (1608,G/R) BACK LIGHT	AB-K2
C301			CC73GCH1H470J	CHIP C 47PF J	
C302			C92-0560-05	CHIP-TAN 10UF 6.3WV	
C304			CK73FB1C474K	CHIP C 0.47UF K	
C305			CC73GCH1H101J	CHIP C 100PF J	
C307			CK73GB1C104K	CHIP C 0.1UF K	
C308			CC73GCH1H101J	CHIP C 100PF J	
C309			CK73FB1C474K	CHIP C 0.47UF K	
C310			CK73GB1C104K	CHIP C 0.1UF K	
C311			CC73GCH1H470J	CHIP C 47PF J	
C312			CK73GB1C104K	CHIP C 0.1UF K	
C313			C92-0628-05	CHIP-TAN 10UF 10WV	
C314			C92-0647-05	CHIP-TAN 3.3UF 4WV	
C315			CC73GCH1H101J	CHIP C 100PF J	
C316,317			CC73GCH1H470J	CHIP C 47PF J	
C318			CC73GCH1H101J	CHIP C 100PF J	
C321-333			CC73GCH1H470J	CHIP C 47PF J	
C335-339			CC73GCH1H470J	CHIP C 47PF J	
C340			CK73GB1E153K	CHIP C 0.015UF K	
C341-344			CC73GCH1H470J	CHIP C 47PF J	
CN300		*	E40-5891-05	FLAT CABLE CONNECTOR 24P	
CN301		*	E40-5892-05	FLAT CABLE CONNECTOR 14P	
CN302			E40-5662-05	PIN ASSY SOCKET SP	
CN303		*	E40-5887-05	PIN ASSY PTT	
CN304			E40-5823-05	FLAT CABLE CONNECTOR LCD	
L300,301			L92-0141-05	FERRITE CHIP	
L302,303			L92-0138-05	FERRITE CHIP	
L304,305			L92-0141-05	FERRITE CHIP	
L306,307			L92-0138-05	FERRITE CHIP	
L308,309			L92-0141-05	FERRITE CHIP	
CP300,301			R90-0723-05	MULTI-COMP 47KX2	
CP302			R90-0724-05	MULTI-COMP 1KX4	AB-K2
CP303			R90-0724-05	MULTI-COMP 1KX4	
R300			RK73GB1J103J	CHIP R 10K J 1/16W	
R301			RK73FB2A101J	CHIP R 100 J 1/10W	
R302			RK73GB1J470J	CHIP R 47 J 1/16W	
R303			RK73GB1J471J	CHIP R 470 J 1/16W	
R304			RK73GB1J182J	CHIP R 1.8K J 1/16W	
R305			RK73GB1J104J	CHIP R 100K J 1/16W	
R306			R92-1252-05	CHIP R 0 OHM	

A : TK-480 (K,K2) **J : Produced in Japan**
B : TK-481 (K,K2) **S : Produced in Singapore**

PARTS LIST

DISPLAY UNIT (X54-3180-XX)/(X54-3210-XX)
TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
R307			RK73GB1J821J	CHIP R 820 J 1/16W	
R308			RK73GB1J153J	CHIP R 15K J 1/16W	
R309			R92-1252-05	CHIP R 0 OHM	
R310			RK73GB1J331J	CHIP R 330 J 1/16W	
R311			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R312			RK73GB1J104J	CHIP R 100K J 1/16W	
R313,314			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R315			RK73GB1J104J	CHIP R 100K J 1/16W	
R316			RK73GB1J473J	CHIP R 47K J 1/16W	
R317			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R318			RK73GB1J104J	CHIP R 100K J 1/16W	
R319			RK73GB1J820J	CHIP R 82 J 1/16W	
R320,321			RK73GB1J820J	CHIP R 82 J 1/16W	AB-K2
R324			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R325			RK73GB1J102J	CHIP R 1.0K J 1/16W	AB-K2
R326			RK73GB1J124J	CHIP R 120K J 1/16W	
R327			RK73GB1J563J	CHIP R 56K J 1/16W	
R328			RK73GB1J124J	CHIP R 120K J 1/16W	
R331			RK73GB1J822J	CHIP R 8.2K J 1/16W	
R332			RK73GB1J272J	CHIP R 2.7K J 1/16W	
R333			RK73GB1J103J	CHIP R 10K J 1/16W	
R336			R92-1252-05	CHIP R 0 OHM	
R337			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R338-341			RK73GB1J101J	CHIP R 100 J 1/16W	
S301-303		*	S70-0457-05	TACT SWITCH PTT	
D300		*	NNCD6.8G	ZENER DIODE	
D302			1SS373	DIODE	
D303		*	015AZ2.4-X	ZENER DIODE	
D304			MA2S111	DIODE	
D315			IMN10	DIODE	AB-K2
D316			MA2S111	DIODE	AB-K2
D317			MA2S111	DIODE	
D318			IMN10	DIODE	
D319-321		*	015AZ6.8	ZENER DIODE	
IC300		*	TDA7053AT	IC (AUDIO AMP)	
IC301		*	MC74HC4017F	IC (GATE CMOS)	
Q300			2SJ243	FET	
Q301			UPA672T	FET	
Q302-304			2SC4617(S)	TRANSISTOR	
Q305			2SB798(DL,DK)	TRANSISTOR	
Q306			2SC4617(S)	TRANSISTOR	
Q307			2SB1132(Q,R)	TRANSISTOR	
Q308			UPA672T	FET	
Q309			2SC4617(S)	TRANSISTOR	
Q310			2SK1824	FET	
TH300		*	TN103S154JT	THERMISTOR	

TX-RX UNIT (X57-5370-XX) : Produced in Japan
TX-RX UNIT (X57-5630-XX) : Produced in Singapore
-10 : TK-480 -11 : TK-481

C1,2			CK73GB1E103K	CHIP C 0.010UF K	
C3,4			CC73GCH1H101J	CHIP C 100PF J	
C5			CK73GB1E103K	CHIP C 0.010UF K	
C6			C92-0507-05	CHIP-TAN 4.7UF 6.3WV	
C7			CC73GCH1H101J	CHIP C 100PF J	

Ref. No.	Address	New parts	Parts No.	Description	Destination
C8			CK73GB1E223K	CHIP C 0.022UF K	
C9			CK73GB1C104K	CHIP C 0.10UF K	
C10			C92-0507-05	CHIP-TAN 4.7UF 6.3WV	
C11			CK73GB1C104K	CHIP C 0.10UF K	
C12,13			C92-0507-05	CHIP-TAN 4.7UF 6.3WV	
C14			C92-0576-05	CHIP-TAN 1.0UF 6.3WV	
C15			CC73GCH1H100D	CHIP C 10PF D	
C16,17			CC73GCH1H101J	CHIP C 100PF J	
C18			CK73GB1C104K	CHIP C 0.10UF K	
C19-23			CC73GCH1H101J	CHIP C 100PF J	
C24			C92-0507-05	CHIP-TAN 4.7UF 6.3WV	
C25			CK73FB1A105K	CHIP C 1.0UF K	
C26			CK73GB1E123K	CHIP C 0.012UF K	
C27			CK73GB1C104K	CHIP C 0.10UF K	
C28-30			CC73GCH1H101J	CHIP C 100PF J	
C31			CK73GB1C104K	CHIP C 0.10UF K	
C32			CK73GB1H472K	CHIP C 4700PF K	
C33			CK73GB1H471K	CHIP C 470PF K	
C34			C92-0560-05	CHIP-TAN 10UF 6.3WV	
C35			CK73GB1C333K	CHIP C 0.033UF K	
C36			CC73GCH1H820J	CHIP C 82PF J	
C37			C92-0560-05	CHIP-TAN 10UF 6.3WV	
C38			CC73GCH1H101J	CHIP C 100PF J	
C39			CC73GCH1H221J	CHIP C 220PF J	
C40			CC73GCH1H101J	CHIP C 100PF J	
C41			CK73FB1C334K	CHIP C 0.33UF K	
C42			CK73GB1E103K	CHIP C 0.010UF K	
C43			C92-0513-05	CHIP-TAN 3.3UF 6.3WV	
C44			C92-0662-05	CHIP-TAN 15UF 6.3WV	
C45			CC73GCH1H220J	CHIP C 22PF J	
C46			CC73GCH1H221J	CHIP C 220PF J	
C47			CK73GB1E223K	CHIP C 0.022UF K	
C48			CC73GCH1H220J	CHIP C 22PF J	
C49,50			CK73GB1H102K	CHIP C 1000PF K	
C51			CK73GB1E223K	CHIP C 0.022UF K	
C52-54			CK73GB1H102K	CHIP C 1000PF K	
C55			CC73GCH1H150J	CHIP C 15PF J	
C56			CK73GB1H222K	CHIP C 2200PF K	
C57			CK73GB1E153K	CHIP C 0.015UF K	
C58			CK73GB1C104K	CHIP C 0.10UF K	
C59			CC73GCH1H101J	CHIP C 100PF J	
C60			CC73GCH1H100D	CHIP C 10PF D	
C61			CC73GCH1H040C	CHIP C 4.0PF C	A-K,K2
C61			CC73GCH1H050C	CHIP C 5.0PF C	B-K,K2
C62			CK73GB1E103K	CHIP C 0.010UF K	
C63			CC73GCH1H101J	CHIP C 100PF J	
C64			CC73GCH1H271J	CHIP C 270PF J	
C65			CK73GB1H103K	CHIP C 0.010UF K	
C66			CK73GB1C104K	CHIP C 0.10UF K	
C67			CK73GB1H122K	CHIP C 1200PF K	
C68			CC73GCH1H040C	CHIP C 4.0PF C	A-K,K2
C69			C92-0559-05	CHIP-TAN 6.8UF 6.3WV	
C70-72			CK73GB1E103K	CHIP C 0.010UF K	
C73			CC73GCH1H101J	CHIP C 100PF J	
C74			CK73GB1C104K	CHIP C 0.10UF K	
C75			CK73GB1C333K	CHIP C 0.033UF K	
C76			CK73GB1C104K	CHIP C 0.10UF K	
C77			CK73GB1H562K	CHIP C 5600PF K	
C78			CK73GB1E103K	CHIP C 0.010UF K	

A : TK-480 (K,K2) **J : Produced in Japan**
B : TK-481 (K,K2) **S : Produced in Singapore**

PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

Ref. No.	Address	New parts	Parts No.	Description			Destination
C79			CC73GCH1H121J	CHIP C	120PF	J	
C80			CK73GB1C683K	CHIP C	0.068UF	K	
C81			CC73GCH1H101J	CHIP C	100PF	J	
C82,83			CK73GB1H562K	CHIP C	5600PF	K	
C84			CC73GCH1H270J	CHIP C	27PF	J	A-K,K2
C84			CC73GCH1H180J	CHIP C	18PF	J	B-K,K2
C85			CK73GB1H272K	CHIP C	2700PF	K	
C86			CK73GB1C333K	CHIP C	0.033UF	K	
C87			CC73GCH1H030C	CHIP C	3.0PF	C	
C88			CC73GCH1H101J	CHIP C	100PF	J	
C89,90			CK73GB1H272K	CHIP C	2700PF	K	
C91			CK73GB1E103K	CHIP C	0.010UF	K	
C92			CK73GB1C104K	CHIP C	0.10UF	K	
C93			CC73GCH1H151J	CHIP C	150PF	J	
C94			CC73GCH1H101J	CHIP C	100PF	J	
C95			C92-0504-05	CHIP-TAN	0.68UF	20WV	A-K,K2
C95			C92-0003-05	CHIP-TAN	0.47UF	25WV	B-K,K2
C96			CK73GB1H122K	CHIP C	1200PF	K	
C97			CK73GB1H102K	CHIP C	1000PF	K	
C98			CC73GCH1H030C	CHIP C	3.0PF	C	
C99			CC73GCH1H010C	CHIP C	1.0PF	C	A-K,K2
C99			CC73GCH1H0R5C	CHIP C	0.5PF	C	B-K,K2
C100			CC73GCH1H391J	CHIP C	390PF	J	A-K,K2
C100			CK73GB1H821K	CHIP C	820PF	K	B-K,K2
C101			C92-0560-05	CHIP-TAN	10UF	6.3WV	
C102			CK73GB1C104K	CHIP C	0.10UF	K	
C103,104			CC73GCH1H101J	CHIP C	100PF	J	
C105			CK73GB1C473K	CHIP C	0.047UF	K	
C106-108			CK73GB1C104K	CHIP C	0.10UF	K	
C109			C92-0507-05	CHIP-TAN	4.7UF	6.3WV	
C110			CC73GCH1H1R5B	CHIP C	1.5PF	B	A-K,K2
C110			CC73GCH1H010C	CHIP C	1.0PF	C	B-K,K2
C111,112			CK73GB1C104K	CHIP C	0.10UF	K	
C113			CK73GB1C473K	CHIP C	0.047UF	K	
C114,115			CK73GB1H472K	CHIP C	4700PF	K	
C116			CK73GB1H102K	CHIP C	1000PF	K	
C118			CK73GB1E103K	CHIP C	0.010UF	K	
C119			CC73GCH1HR75C	CHIP C	0.75PF	C	
C120			CC73GCH1H101J	CHIP C	100PF	J	
C121			CK73GB1E153K	CHIP C	0.015UF	K	
C122			CC73GCH1H030C	CHIP C	3.0PF	C	A-K,K2
C122			CC73GCH1H080D	CHIP C	8.0PF	D	B-K,K2
C123			C92-0507-05	CHIP-TAN	4.7UF	6.3WV	
C124			CK73GB1E103K	CHIP C	0.010UF	K	
C125			CK73GB1H102K	CHIP C	1000PF	K	
C126			CK73GB1C104K	CHIP C	0.10UF	K	
C127-129			CC73GCH1H101J	CHIP C	100PF	J	
C130			CC73GCH1H100D	CHIP C	10PF	D	
C131			CC73GCH1H020C	CHIP C	2.0PF	C	A-K,K2
C131			CC73GCH1H101J	CHIP C	100PF	J	B-K,K2
C132			CC73GCH1H010C	CHIP C	1.0PF	C	A-K,K2
C132			CC73GCH1HR75C	CHIP C	0.75PF	C	B-K,K2
C133			CC73GCH1H101J	CHIP C	100PF	J	
C134			CC73GCH1H010C	CHIP C	1.0PF	C	A-K,K2
C135			CC73GCH1H101J	CHIP C	100PF	J	
C136			CC73GCH1H030C	CHIP C	3.0PF	C	
C137			CC73GCH1H101J	CHIP C	100PF	J	
C138			CK73GB1E103K	CHIP C	0.010UF	K	
C139			CC73GCH1H101J	CHIP C	100PF	J	

Ref. No.	Address	New parts	Parts No.	Description			Destination
C140			CK73FB1A105K	CHIP C	1.0UF	K	
C141			CK73GB1H472K	CHIP C	4700PF	K	
C142,143			CC73GCH1H101J	CHIP C	100PF	J	
C144			CK73GB1C273K	CHIP C	0.027UF	K	
C145,146			CC73GCH1H101J	CHIP C	100PF	J	
C147,148			CK73GB1E103K	CHIP C	0.010UF	K	
C149			CC73GCH1H040C	CHIP C	4.0PF	C	
C150,151			CC73GCH1H101J	CHIP C	100PF	J	
C152			CC73GCH1H020C	CHIP C	2.0PF	C	
C153			CC73GCH1H101J	CHIP C	100PF	J	
C154			CK73GB1C104K	CHIP C	0.10UF	K	
C155			CC73GCH1H101J	CHIP C	100PF	J	
C156			C92-0513-05	CHIP-TAN	3.3UF	6.3WV	
C157			CC73GCH1H680J	CHIP C	68PF	J	
C158			CC73GCH1H270J	CHIP C	27PF	J	
C159			CK73FB1H563K	CHIP C	0.056UF	K	
C160,161			CC73GCH1H101J	CHIP C	100PF	J	
C162			CC73GCH1H270J	CHIP C	27PF	J	
C163			CK73FB1C474K	CHIP C	0.47UF	K	
C164,165			CC73GCH1H101J	CHIP C	100PF	J	
C166			CC73GCH1H010C	CHIP C	1.0PF	C	A-K,K2
C166			CC73GCH1HR75C	CHIP C	0.75PF	C	B-K,K2
C167			CC73GCH1H101J	CHIP C	100PF	J	
C168			CC73GCH1H020C	CHIP C	2.0PF	C	
C169-172			CC73GCH1H101J	CHIP C	100PF	J	
C173			CC73GCH1H020C	CHIP C	2.0PF	C	
C174			CC73GCH1H1R5C	CHIP C	1.5PF	C	
C175			CC73GCH1H030C	CHIP C	3.0PF	C	
C176			CC73GCH1H010C	CHIP C	1.0PF	C	A-K,K2
C176			CC73GCH1HR75C	CHIP C	0.75PF	C	B-K,K2
C177			CK73GB1C473K	CHIP C	0.047UF	K	
C178-180			CC73GCH1H101J	CHIP C	100PF	J	
C181,182			CK73GB1E103K	CHIP C	0.010UF	K	
C183			CC73GCH1H101J	CHIP C	100PF	J	
C184			CC73GCH1H030C	CHIP C	3.0PF	C	
C185			CC73GCH1H101J	CHIP C	100PF	J	
C186			CC73GCH1H1R5C	CHIP C	1.5PF	C	
C187			CC73GCH1H101J	CHIP C	100PF	J	
C192			CC73GCH1H101J	CHIP C	100PF	J	
C193			CC73GCH1H020C	CHIP C	2.0PF	C	A-K,K2
C193			CC73GCH1H1R5C	CHIP C	1.5PF	C	B-K,K2
C194-199			CC73GCH1H101J	CHIP C	100PF	J	
C200			CK73GB1E103K	CHIP C	0.010UF	K	
C202			CK73GB1E103K	CHIP C	0.010UF	K	
C203			CC73GCH1H470J	CHIP C	47PF	J	
CN1			E40-5823-05	FLAT CABLE CONNECTOR			
CN2			E40-9517-05	PIN ASSY SOCKET			
CN3		*	E40-5890-05	FLAT CABLE CONNECTOR 24P			
CN4-9			E23-1002-05	TERMINAL			
CN10			E23-0342-05	TEST TERMINAL			
CN11			E23-1002-05	TERMINAL			
F1			F53-0130-05	FUSE 3.0A			
CD1			L79-1072-05	TUNING COIL			
CF1,2			L72-0916-05	CERAMIC FILTER 455KHZ			A-K,K2
CF1,2			L72-0939-05	CERAMIC FILTER 455KHZ			B-K,K2
L1			L92-0149-05	FERRITE CHIP			
L3			L40-1095-34	SMALL FIXED INDUCTOR (1UH)			

A : TK-480 (K,K2) **J : Produced in Japan**
B : TK-481 (K,K2) **S : Produced in Singapore**

PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
L4			L40-4791-37	SMALL FIXED INDUCTOR (4.700UH)	
L5			L92-0138-05	FERRITE CHIP	
L6			L40-2781-37	SMALL FIXED INDUCTOR (0.270UH)	A-K,K2
L6			L40-3981-37	SMALL FIXED INDUCTOR (0.390UH)	B-K,K2
L7			L40-1881-37	SMALL FIXED INDUCTOR (0.180UH)	A-K,K2
L7			L40-2781-37	SMALL FIXED INDUCTOR (0.270UH)	B-K,K2
L8			L92-0138-05	FERRITE CHIP	
L9			L40-1871-36	SMALL FIXED INDUCTOR (18NH)	
L10			L40-1075-36	SMALL FIXED INDUCTOR (10NH)	
L11		*	L79-1464-05	DIELECTRIC FILTER 860MHZ	A-K,K2
L11		*	L79-1466-05	DIELECTRIC FILTER 938MHZ	B-K,K2
L12			L92-0138-05	FERRITE CHIP	
L13			L40-1071-36	SMALL FIXED INDUCTOR (10NH)	
L14		*	L40-1075-36	SMALL FIXED INDUCTOR (10NH)	A-K,K2
L14		*	L40-1275-36	SMALL FIXED INDUCTOR (12NH)	B-K,K2
L15			L40-4761-36	SMALL FIXED INDUCTOR (4.7NH)	A-K,K2
L15			L40-3361-36	SMALL FIXED INDUCTOR (3.3NH)	B-K,K2
L17			L40-1071-36	SMALL FIXED INDUCTOR (10NH)	A-K,K2
L17			L40-8261-36	SMALL FIXED INDUCTOR (8.2NH)	B-K,K2
L18			L40-2271-36	SMALL FIXED INDUCTOR (22NH)	A-K,K2
L18			L40-1571-36	SMALL FIXED INDUCTOR (15NH)	B-K,K2
L19			L40-1071-36	SMALL FIXED INDUCTOR (10NH)	A-K,K2
L19			L40-8261-36	SMALL FIXED INDUCTOR (8.2NH)	B-K,K2
L20		*	L79-1465-05	DIELECTRIC FILTER 860MHZ	A-K,K2
L20		*	L79-1467-05	DIELECTRIC FILTER 938MHZ	B-K,K2
L21			L40-6861-36	SMALL FIXED INDUCTOR (6.8NH)	A-K,K2
L21			L40-5661-36	SMALL FIXED INDUCTOR (5.6NH)	B-K,K2
L22,23			L92-0138-05	FERRITE CHIP	
L24			L40-6861-36	SMALL FIXED INDUCTOR (6.8NH)	A-K,K2
L24			L40-5661-36	SMALL FIXED INDUCTOR (5.6NH)	B-K,K2
L25			L92-0149-05	FERRITE CHIP	
L26			L92-0138-05	FERRITE CHIP	
L27			L40-6875-54	SMALL FIXED INDUCTOR (68NH)	
L28			L33-0761-05	SMALL FIXED INDUCTOR	
L29			L40-1071-36	SMALL FIXED INDUCTOR (10NH)	
L30		*	L79-1468-05	FILTER MODULE 870MHZ	A-K,K2
L30		*	L79-1469-05	FILTER MODULE 960MHZ	B-K,K2
L31			L33-0760-05	SMALL FIXED INDUCTOR	
L32			L40-6875-54	SMALL FIXED INDUCTOR (68NH)	
L34			L40-8261-36	SMALL FIXED INDUCTOR (8.2NH)	A-K,K2
L34			L40-1071-36	SMALL FIXED INDUCTOR (10NH)	B-K,K2
L35			L92-0138-05	FERRITE CHIP	
X1		*	L77-1700-05	CRYSTAL RESONATOR (44.395MHZ)	
X2		*	L77-1698-05	VCXO (16.8MHZ)	A-K,K2
X2		*	L77-1699-05	VCXO (16.8MHZ)	B-K,K2
X3		*	L77-1708-05	CRYSTAL RESONATOR (3.579545MHZ)	
X4		*	L78-0431-05	RESONATOR (14.7456M)	
XF1		*	L71-0501-05	MCF (44.85MHZ)	A-K,K2
XF1		*	L71-0502-05	MCF (44.85MHZ)	B-K,K2
CP1			R90-0718-05	MULTI-COMP 4.7K X4	
CP2,3			R90-0725-05	MULTI-COMP 1K X2	
CP5			R90-0725-05	MULTI-COMP 1K X2	
R1,2			RK73GB1J104J	CHIP R 100K J 1/16W	
R3			RK73GB1J473J	CHIP R 47K J 1/16W	
R4			RK73GB1J154J	CHIP R 150K J 1/16W	
R5			RK73GB1J104J	CHIP R 100K J 1/16W	
R6			RK73GB1J184J	CHIP R 180K J 1/16W	
R7			RK73GB1J104J	CHIP R 100K J 1/16W	
R8			RK73GB1J273J	CHIP R 27K J 1/16W	

Ref. No.	Address	New parts	Parts No.	Description	Destination
R9			RK73GB1J154J	CHIP R 150K J 1/16W	
R10			RK73GB1J103J	CHIP R 10K J 1/16W	
R11			RK73GB1J473J	CHIP R 47K J 1/16W	A-K,K2
R11			RK73GB1J223J	CHIP R 22K J 1/16W	B-K,K2
R12			RK73GB1J104J	CHIP R 100K J 1/16W	
R13			RK73GB1J683J	CHIP R 68K J 1/16W	
R14			RK73GB1J394J	CHIP R 390K J 1/16W	
R15			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R16			RK73GB1J104J	CHIP R 100K J 1/16W	
R17			RK73GB1J473J	CHIP R 47K J 1/16W	
R18			RK73GB1J332J	CHIP R 3.3K J 1/16W	
R19			RK73GB1J152J	CHIP R 1.5K J 1/16W	
R20			RK73GB1J473J	CHIP R 47K J 1/16W	
R21			RK73GB1J154J	CHIP R 150K J 1/16W	
R22			RK73GB1J182J	CHIP R 1.8K J 1/16W	
R23			RK73GB1J563J	CHIP R 56K J 1/16W	A-K,K2
R23			RK73GB1J124J	CHIP R 120K J 1/16W	B-K,K2
R24			RK73GB1J274J	CHIP R 270K J 1/16W	
R25			RK73GB1J473J	CHIP R 47K J 1/16W	
R26			RK73GB1J332J	CHIP R 3.3K J 1/16W	
R28			RK73GB1J220J	CHIP R 22 J 1/16W	
R29			RK73GB1J183J	CHIP R 18K J 1/16W	A-K,K2
R29			RK73GB1J123J	CHIP R 12K J 1/16W	B-K,K2
R30			RK73GB1J473J	CHIP R 47K J 1/16W	
R31			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R32			R92-1252-05	CHIP R 0 OHM	
R33			RK73GB1J822J	CHIP R 8.2K J 1/16W	
R34			RK73GB1J334J	CHIP R 330K J 1/16W	
R35			RK73GB1J101J	CHIP R 100 J 1/16W	
R36			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R37			RK73GB1J104J	CHIP R 100K J 1/16W	
R38			RK73GB1J151J	CHIP R 150 J 1/16W	
R39			RK73GB1J560J	CHIP R 56 J 1/16W	
R40			RK73GB1J272J	CHIP R 2.7K J 1/16W	
R41-43			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R44			R92-0670-05	CHIP R 0 OHM	
R45			RK73GB1J104J	CHIP R 100K J 1/16W	
R46		*	RN73GH1J683D	CHIP R 68K D 1/16W	
R47			RK73GB1J104J	CHIP R 100K J 1/16W	
R48			RN73GH1J333D	CHIP R 33K D 1/16W	
R49			RK73GB1J684J	CHIP R 680K J 1/16W	
R50			RK73GB1J564J	CHIP R 560K J 1/16W	
R51			RK73GB1J331J	CHIP R 330 J 1/16W	A-K,K2
R51			RK73GB1J270J	CHIP R 270 J 1/16W	B-K,K2
R52			R92-1252-05	CHIP R 0 OHM	
R53		*	RN73GH1J274D	CHIP R 270K D 1/16W	
R54			RK73GB1J334J	CHIP R 330K J 1/16W	
R55			RK73GB1J104J	CHIP R 100K J 1/16W	
R56			RK73GB1J223J	CHIP R 22K J 1/16W	
R57			RK73GB1J334J	CHIP R 330K J 1/16W	
R58		*	RN73GH1J682D	CHIP R 6.8K D 1/16W	
R59			RK73GB1J154J	CHIP R 150K J 1/16W	
R60			R92-1252-05	CHIP R 0 OHM	A-K,K2
R60			RK73GB1J680J	CHIP R 68 J 1/16W	B-K,K2
R61			RK73GB1J155J	CHIP R 1.5M J 1/16W	
R62			RK73GB1J101J	CHIP R 100 J 1/16W	
R63		*	RN73GH1J683D	CHIP R 68K D 1/16W	
R64			RK73GB1J474J	CHIP R 470K J 1/16W	
R65			RK73GB1J471J	CHIP R 470 J 1/16W	

A : TK-480 (K,K2) **J : Produced in Japan**
B : TK-481 (K,K2) **S : Produced in Singapore**

PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
R66		*	RN73GH1J682D	CHIP R 6.8K D 1/16W	
R67,68			RK73GB1J101J	CHIP R 100 J 1/16W	
R69			RK73GB1J153J	CHIP R 15K J 1/16W	A-K,K2
R69			RK73GB1J223J	CHIP R 22K J 1/16W	B-K,K2
R70			RK73GB1J153J	CHIP R 15K J 1/16W	
R71			RK73GB1J224J	CHIP R 220K J 1/16W	
R72			RK73GB1J152J	CHIP R 1.5K J 1/16W	A-K,K2
R72			RK73GB1J222J	CHIP R 2.2K J 1/16W	B-K,K2
R73			RK73GB1J103J	CHIP R 10K J 1/16W	
R74			RK73GB1J223J	CHIP R 22K J 1/16W	
R75			RK73GB1J152J	CHIP R 1.5K J 1/16W	
R76			RK73GB1J103J	CHIP R 10K J 1/16W	
R77			RK73GB1J153J	CHIP R 15K J 1/16W	
R78			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R79			RK73GB1J473J	CHIP R 47K J 1/16W	
R80			RK73GB1J394J	CHIP R 390K J 1/16W	
R81			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R82			RK73GB1J333J	CHIP R 33K J 1/16W	
R83			R92-1252-05	CHIP R 0 OHM	
R84			RK73GB1J473J	CHIP R 47K J 1/16W	
R85			RK73GB1J681J	CHIP R 680 J 1/16W	
R86			RK73GB1J154J	CHIP R 150K J 1/16W	
R87			RK73GB1J470J	CHIP R 47 J 1/16W	
R88			RK73GB1J220J	CHIP R 22 J 1/16W	
R89			RK73GB1J103J	CHIP R 10K J 1/16W	
R90			RK73GB1J104J	CHIP R 100K J 1/16W	
R91			RK73GB1J101J	CHIP R 100 J 1/16W	
R92,93			RK73GB1J150J	CHIP R 15 J 1/16W	
R94			RK73GB1J332J	CHIP R 3.3K J 1/16W	
R95			RK73GB1J150J	CHIP R 15 J 1/16W	
R96			RK73GB1J223J	CHIP R 22K J 1/16W	
R97			RK73GB1J104J	CHIP R 100K J 1/16W	
R98			RK73GB1J184J	CHIP R 180K J 1/16W	
R100			RK73GB1J331J	CHIP R 330 J 1/16W	A-K,K2
R100			RK73GB1J221J	CHIP R 220 J 1/16W	B-K,K2
R101			RK73GB1J223J	CHIP R 22K J 1/16W	
R102			RK73GB1J182J	CHIP R 1.8K J 1/16W	
R103,104			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R105			RK73GB1J122J	CHIP R 1.2K J 1/16W	
R106			RK73GB1J473J	CHIP R 47K J 1/16W	
R107			RK73GB1J103J	CHIP R 10K J 1/16W	
R108			RK73GB1J682J	CHIP R 6.8K J 1/16W	
R109			RK73GB1J470J	CHIP R 47 J 1/16W	
R110			RK73GB1J473J	CHIP R 47K J 1/16W	
R111			RK73GB1J223J	CHIP R 22K J 1/16W	
R112			RK73GB1J103J	CHIP R 10K J 1/16W	
R113			RK73GB1J220J	CHIP R 22 J 1/16W	
R114			RK73GB1J152J	CHIP R 1.5K J 1/16W	
R115			RK73GB1J681J	CHIP R 680 J 1/16W	
R116			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R117			RK73GB1J560J	CHIP R 56 J 1/16W	A-K,K2
R117			RK73GB1J470J	CHIP R 47 J 1/16W	B-K,K2
R118			R92-1252-05	CHIP R 0 OHM	
R119			RK73GB1J473J	CHIP R 47K J 1/16W	
R120			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R121			RK73GB1J473J	CHIP R 47K J 1/16W	
R122			R92-1252-05	CHIP R 0 OHM	
R123			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R124,125			RK73GB1J473J	CHIP R 47K J 1/16W	

Ref. No.	Address	New parts	Parts No.	Description	Destination
R126			RK73GB1J103J	CHIP R 10K J 1/16W	
R127-129			RK73EB2ER39K	CHIP R 0.39 K 1/4W	
R130-135			RN73GH1J154D	CHIP R 150K D 1/16W	
R136,137			RK73GB1J271J	CHIP R 270 J 1/16W	
R138,139			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R140			RK73GB1J103J	CHIP R 10K J 1/16W	
R141,142			RK73GB1J104J	CHIP R 100K J 1/16W	
R143			RK73GB1J105J	CHIP R 1.0M J 1/16W	
R144			RK73GB1J473J	CHIP R 47K J 1/16W	
R145			R92-1252-05	CHIP R 0 OHM	
R146			RK73GB1J222J	CHIP R 2.2K J 1/16W	
R147			R92-1252-05	CHIP R 0 OHM	
R148			RK73GB1J223J	CHIP R 22K J 1/16W	
R149			RK73GB1J473J	CHIP R 47K J 1/16W	
R150			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R151			RK73GB1J102J	CHIP R 1.0K J 1/16W	B-K,K2
R151			RK73GB1J152J	CHIP R 1.5K J 1/16W	A-K,K2
R152			RK73GB1J332J	CHIP R 3.3K J 1/16W	
R153			RK73GB1J123J	CHIP R 12K J 1/16W	
R154			RK73GB1J221J	CHIP R 220 J 1/16W	
R155			RK73GB1J101J	CHIP R 100 J 1/16W	
R156			RK73GB1J103J	CHIP R 10K J 1/16W	
R157			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R158			RK73GB1J223J	CHIP R 22K J 1/16W	
R159,160			RK73GB1J102J	CHIP R 1.0K J 1/16W	
R161,162			RK73GB1J184J	CHIP R 180K J 1/16W	
R163			RK73GB1J104J	CHIP R 100K J 1/16W	
R164			RK73GB1J473J	CHIP R 47K J 1/16W	
D1			1SR154-400	DIODE	
D2			MA2S111	DIODE	
D3			MA742	DIODE	
D4,5			MA2S077	DIODE	
D6			DTZ4.7(C)	DIODE	
D7			HVU131	DIODE	
D8			MA2S111	DIODE	
D9,10			MA2S077	DIODE	
D11			MA742	DIODE	
IC1			TA75W01FU	IC (OP AMP X2)	
IC2		*	RN5VL42C	IC (REGULATOR)	
IC3			TC75W51FU	IC (OP AMP X2)	
IC4		*	M62364FP	IC (D/ACONVERTER)	
IC5			S-81350HG-KD	IC (VOLTAGE REGULATOR)	
IC6			NJU7201U50	IC (VOLTAGE REGULATOR)	
IC7		*	TK11250BM	IC (VOLTAGE REGULATOR)	
IC8			TA75W51FU	IC (OP AMP X2)	
IC9			TA31136FN	IC (FM IF DETECTOR)	
IC10			TA75W01FU	IC (OP AMP X2)	
IC11		*	SA7025DK	IC (PLL SYSTEM)	
IC12		*	TC35453F	IC (AUDIO PROCESSOR)	
IC13			LC73872M	IC (DTMF RECEIVER)	
IC14		*	KCH31	HIC (VCO SYSTEM)	A-K,K2
IC14		*	KCH32	HIC (VCO SYSTEM)	B-K,K2
IC15		*	MC-8800-801	IC (MICROPROCESSOR)	
IC16			AT2408N10SI2.5	IC (8kbit SERIAL EEPROM)	
IC17			TC7S08FU	IC (2INPUT AND GATE)	
IC18,19			BU4094BCFV	IC (8bit SHIFT/STORE REGISTER)	
IC20			TC7S32FU	IC (2INPUT OR GATE)	
IC21			NJM2904V	IC (APC)	

A : TK-480 (K,K2) **J : Produced in Japan**
B : TK-481 (K,K2) **S : Produced in Singapore**

PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

Ref. No.	Address	New parts	Parts No.	Description	Destination
IC22			TC7S02FU	IC (2-INPUT NOR GATE)	
IC23			TA75S01F	IC (OP AMP)	
IC30		*	M68757L	IC (POWER MODULE)	A-K,K2
IC30		*	M68757H	IC (POWER MODULE)	B-K,K2
Q1			2SJ243	FET	
Q2			2SA1832(GR)	TRANSISTOR	
Q3,4			2SC4617(S)	TRANSISTOR	
Q5			2SC4619	TRANSISTOR	A-K,K2
Q5			2SC5108(Y)	TRANSISTOR	B-K,K2
Q6			SGM2014M	FET	
Q7			2SK1824	FET	
Q8			2SC5108(Y)	TRANSISTOR	
Q9			3SK239A	FET	
Q10,11			2SC5108(Y)	TRANSISTOR	
Q12			2SC4988	TRANSISTOR	
Q13			2SK1824	FET	
Q14			DTC114EE	DIGITAL TRANSISTOR	
Q15			DTA144EE	DIGITAL TRANSISTOR	
Q16			DTC144EE	DIGITAL TRANSISTOR	
Q17			2SC5108(Y)	TRANSISTOR	
Q18			2SK1824	FET	
Q19			2SC4617(S)	TRANSISTOR	
Q20			DTC144EE	DIGITAL TRANSISTOR	
Q21-23			2SK1824	FET	
TH1		*	TN103S154JT	THERMISTOR	

Ref. No.	Address	New parts	Parts No.	Description	Destination

A : TK-480 (K,K2)
B : TK-481 (K,K2)

J : Produced in Japan
S : Produced in Singapore