

PARTS LIST

DISPLAY UNIT (X54-3190-20) : KCH-10
KCH-11

Ref. No.	Address	New parts	Parts No.	Description	Desti-nation
DISPLAY UNIT (X54-3190-20) : KCH-10					
-			B11-1148-14	ILLUMINATION-GUIDE	
-			B11-1149-04	FILTER	
D6-11			B30-2140-05	LED (YEL)	
D12			B30-2194-05	LED (GREEN)	
D13			B30-2193-05	LED (RED)	
ED1			B38-0800-05	LCD	
G11			CG73GCH1H101J	CHIP-C 100PF J	
G17			CG73GCH1H101J	CHIP-C 100PF J	
G20			CK73GB1H102K	CHIP-C 1000PF K	
G22			CK73GB1E103K	CHIP-C 0.010UF K	
G23,24			CG73GCH1H101J	CHIP-C 100PF J	
G25			CK73GB1E103K	CHIP-C 0.010UF K	
G27			CK73GB1E223K	CHIP-C 0.022UF K	
G28,29			CK73GB1E103K	CHIP-C 0.010UF K	
G30			CG73GCH1H101J	CHIP-C 100PF J	
G32			CG73GCH1H101J	CHIP-C 100PF J	
G35-37			CK73GB1E103K	CHIP-C 0.010UF K	
G43-47			CG73GCH1H101J	CHIP-C 100PF J	
G48-50			CK73GB1H102K	CHIP-C 1000PF K	
-			E29-1192-04	INTER-CONNECTOR	
GN1			E40-5953-05	PIN-ASSY	
GN2			E40-5704-05	PIN-ASSY	
GN3			E40-5952-05	PIN-ASSY	
GN4			E40-5738-05	PIN-ASSY	
GN5			E40-5957-05	PIN-ASSY-SOCKET	
GN6			E40-5958-05	PIN-ASSY	
J1			E56-0410-15	RF-COAXIAL-RECEPTACLE (MIC-CONNECTOR)	
W1			E37-0703-05	LEAD-WIRE-WITH-CONNECTOR	
X1			L78-0043-05	RESONATOR (4.19MHZ)	
R1,2			RK73GB1J102J	CHIP-R 1.0K J 1/16W	
R5			RK73FB2A561J	CHIP-R 560 J 1/10W	
R7			RK73FB2A331J	CHIP-R 330 J 1/10W	
R8			R92-2023-05	CHIP-R 820 J 1/2W	
R9			RK73FB2A181J	CHIP-R 180 J 1/10W	
R10			R92-0670-05	CHIP-R 0-OHM	
R11			RK73FB2A331J	CHIP-R 330 J 1/10W	
R12			RK73FB2A181J	CHIP-R 180 J 1/10W	
R13,14			RK73GB1J102J	CHIP-R 1.0K J 1/16W	
R15			RK73FB2A151J	CHIP-R 150 J 1/10W	
R16			RK73GB1J103J	CHIP-R 10K J 1/16W	
R17			RK73GB1J331J	CHIP-R 330 J 1/16W	
R18			R92-1281-05	FUSE-R 4.7 J 1/4W	
R21			RK73GB1J473J	CHIP-R 47K J 1/16W	
R23			RK73GB1J473J	CHIP-R 47K J 1/16W	
R24			RK73GB1J101J	CHIP-R 100 J 1/16W	
R26			RK73GB1J102J	CHIP-R 1.0K J 1/16W	
R29-33			RK73GB1J102J	CHIP-R 1.0K J 1/16W	
R34,35			RK73GB1J473J	CHIP-R 47K J 1/16W	
R36			RK73GB1J102J	CHIP-R 1.0K J 1/16W	
R38			R92-1252-05	CHIP-R 0-OHM	
R39,40			RK73GB1J102J	CHIP-R 1.0K J 1/16W	
R41-43			RK73GB1J473J	CHIP-R 47K J 1/16W	
R45			R92-2063-05	CHIP-R 680 J 1/2W	
R47			R92-2023-05	CHIP-R 820 J 1/2W	
R48			RK73GB1J472J	CHIP-R 4.7K J 1/16W	
R49-51			RK73GB1J473J	CHIP-R 47K J 1/16W	

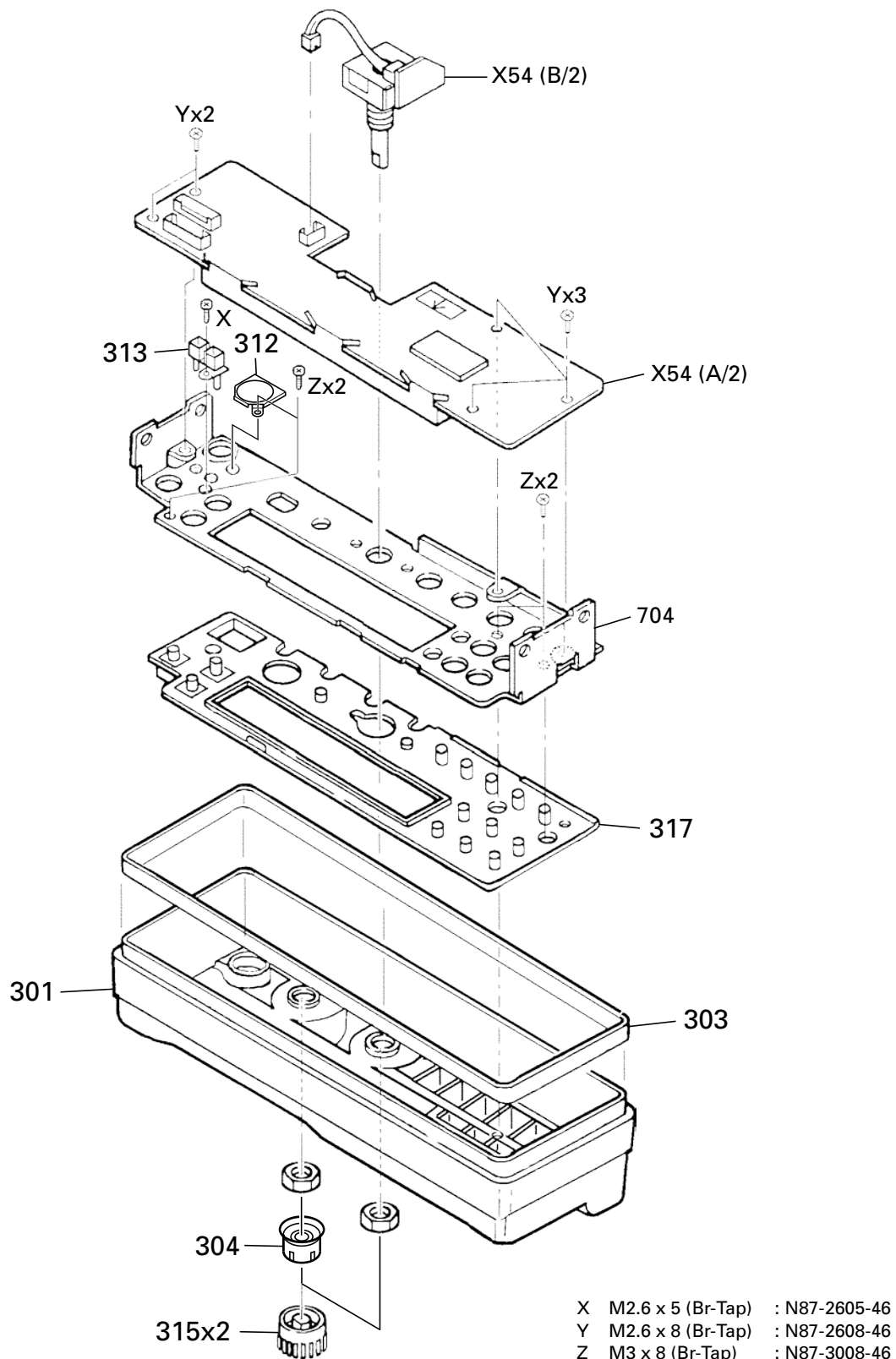
Ref. No.	Address	New parts	Parts No.	Description	Desti-nation
R52			RK73GB1J822J	CHIP-R 8.2K J 1/16W	
R54			RK73GB1J103J	CHIP-R 10K J 1/16W	
R55			RK73GB1J682J	CHIP-R 6.8K J 1/16W	
R67			R92-1252-05	CHIP-R 0-OHM	
VR1			R31-0607-05	VARIABLE-RESISTOR (10K)	
S1			S40-1420-05	TACT-SWITCH	
S2,3			S70-0410-15	TACT-SWITCH	
S5-9			S70-0410-15	TACT-SWITCH	
D1,2			DA204U	DIODE	
D5			02CZ9-1(X,Y)	ZENER-DIODE	
D16,17			DA204U	DIODE	
D19-21			DA204U	DIODE	
D24			1SS301	DIODE	
D25			MA2S111	DIODE	
IC1			NJM78L05UA	IC (AVR)	
IC2			RH5VL42C	IC (RESET)	
IC3			AT24C64N10SI27	IC (EEPROM)	
IC4			78064GCA458EU	IC (CPU/LCD-DRIVER)	
Q1			2SC2873(Y)	TRANSISTOR	
Q3-7			DTC144EU	DIGITAL-TRANSISTOR	
Q9			DTC144EU	DIGITAL-TRANSISTOR	
Q11			DTC144EU	DIGITAL-TRANSISTOR	
Q12,13			DTC114TU	DIGITAL-TRANSISTOR	
Q14,15			DTD114EK	DIGITAL-TRANSISTOR	
S4			W02-0393-05	ENCODER	
KCH-11					
301	3E		A62-0607-13	PANEL ASSY	
303	3F		G53-0838-03	PACKING (PANEL ASSY)	
304	3E		G53-1523-04	PACKING (VOL)	
305	2L		H10-6622-02	POLYSTYRENE FOAMED FIXTURE	
306	1K		H11-0894-04	POLYSTYRENE FOAMED BOARD	
307	1L		H13-1059-04	CARTON BOARD	
308	2L		H25-0029-04	PROTECTION BAG (60/110/0.07)	
309	2K		H25-0103-04	PROTECTION BAG (125/250/0.07)	
310	2L		H25-0117-04	PROTECTION BAG (80/250/0.07)	
311	3K		H52-1271-02	ITEM CARTON CASE	
312	1E		J21-8417-04	HARDWARE FIXTURE (MIC CONNECTOR)	
313	1E		J39-0625-04	SPACER (TX-BUSY)	
315	3E		K29-4664-04	KNOB (VOL,UP/DOWN)	
316	2L		K29-4704-04	KNOB ACSY	
317	2F		K29-5252-12	KEY TOP	
318	2L		K29-5276-03	KNOB ACSY	
319	2L		K29-5277-03	KNOB ACSY	
320	2L		K29-5305-03	KNOB ACSY	
X	1E		N87-2605-46	BRAZIER HEAD TAPTITE SCREW	
Y	1E,1F		N87-2608-46	BRAZIER HEAD TAPTITE SCREW	
Z	1E,2F		N87-3008-46	BRAZIER HEAD TAPTITE SCREW	
322	1L		N99-0364-05	SCREW SET ACSY	

PARTS LIST

DISPLAY UNIT (X54-3200-20) : KCH-11

Ref. No.	Address	New parts	Parts No.	Description	Destination	Ref. No.	Address	New parts	Parts No.	Description	Destination
DISPLAY UNIT (X54-3200-20) : KCH-11											
D6			B30-2194-05	LED (GREEN)		VR1			R31-0607-05	VARIABLE RESISTOR (10K)	
D7			B30-2193-05	LED (RED)		S1			S40-1420-05	TACT SWITCH	
ED1			B38-0801-15	LCD ASSY		S2,3			S70-0410-15	TACT SWITCH	
						S5-15			S70-0410-15	TACT SWITCH	
C9			CC73GCH1H101J	CHIP C 100PF J		D1,2			DA204U	DIODE	
C14			CC73GCH1H101J	CHIP C 100PF J		D5			Q2C29.1(X,Y)	ZENER DIODE	
C20			CK73GB1H102K	CHIP C 1000PF K		D11,12			DA204U	DIODE	
C22			CK73GB1E103K	CHIP C 0.010UF K		D14-16			DA204U	DIODE	
C23,24			CC73GCH1H101J	CHIP C 100PF J		D18			1SS301	DIODE	
C25			CK73GB1E103K	CHIP C 0.010UF K		D19			MA2S111	DIODE	
C27			CK73GB1E223K	CHIP C 0.022UF K		IC1			NJM78L05UA	IC (AVR)	
C28,29			CK73GB1E103K	CHIP C 0.010UF K		IC2			RH5VL42C	IC (RESET)	
C30			CC73GCH1H101J	CHIP C 100PF J		IC3			AT24C64N10SI27	IC (EEPROM)	
C32			CC73GCH1H101J	CHIP C 100PF J		IC4			78064GCA458EU	IC (CPU)	
C35,36			CK73GB1E103K	CHIP C 0.010UF K		Q1			2SC2873(Y)	TRANSISTOR	
C40			CK73GB1E103K	CHIP C 0.010UF K		Q2-8			DTC144EU	DIGITAL TRANSISTOR	
C50-60			CC73GCH1H101J	CHIP C 100PF J		Q9,10			DTC114TU	DIGITAL TRANSISTOR	
C61-67			CK73GB1H102K	CHIP C 1000PF K		Q14,15			DTD114EK	DIGITAL TRANSISTOR	
CN1			E40-5953-05	PIN ASSY		S4			W02-0393-05	ENCODER	
CN2			E40-5704-05	PIN ASSY							
CN3			E40-5952-05	PIN ASSY							
CN4			E40-5738-05	PIN ASSY							
CN5			E40-5823-05	FLAT CABLE CONNECTOR							
J1			E56-0410-15	RF COAXIAL RECEPTACLE (MIC CONNECTOR)							
W1			E37-0703-05	LEAD WIRE WITH CONNECTOR							
X1			L78-0043-05	RESONATOR (4.19MHZ)							
R1,2			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R5			RK73FB2A561J	CHIP R 560 J 1/10W							
R6			R92-2023-05	CHIP R 820 J 1/2W							
R7			R92-0670-05	CHIP R 0 OHM							
R8,9			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R10			RK73FB2A151J	CHIP R 150 J 1/10W							
R11			RK73GB1J103J	CHIP R 10K J 1/16W							
R12			RK73GB1J331J	CHIP R 330 J 1/16W							
R13			R92-1281-05	FUSE R 4.7 J 1/4W							
R14			RK73GB1J473J	CHIP R 47K J 1/16W							
R16			RK73GB1J473J	CHIP R 47K J 1/16W							
R19,20			RK73GB1J473J	CHIP R 47K J 1/16W							
R21			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R22			RK73GB1J101J	CHIP R 100 J 1/16W							
R24			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R26			RK73GB1J472J	CHIP R 4.7K J 1/16W							
R28-32			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R33,34			RK73GB1J473J	CHIP R 47K J 1/16W							
R35			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R37,38			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R39			RK73FB2A331J	CHIP R 330 J 1/10W							
R40,41			R92-2063-05	CHIP R 680 J 1/2W							
R42			RK73FB2A181J	CHIP R 180 J 1/10W							
R43			R92-2063-05	CHIP R 680 J 1/2W							
R44			R92-2023-05	CHIP R 820 J 1/2W							
R45-56			RK73GB1J473J	CHIP R 47K J 1/16W							
R57-62			RK73GB1J102J	CHIP R 1.0K J 1/16W							
R63			RK73GB1J473J	CHIP R 47K J 1/16W							
R65			RK73GB1J103J	CHIP R 10K J 1/16W							
R66			RK73GB1J682J	CHIP R 6.8K J 1/16W							
R67			R92-1252-05	CHIP R 0 OHM							

EXPLODED VIEW (KCH-11)



PACKING (KCH-11)

