

SECTION 6 EXPLODED VIEWS

NOTE:

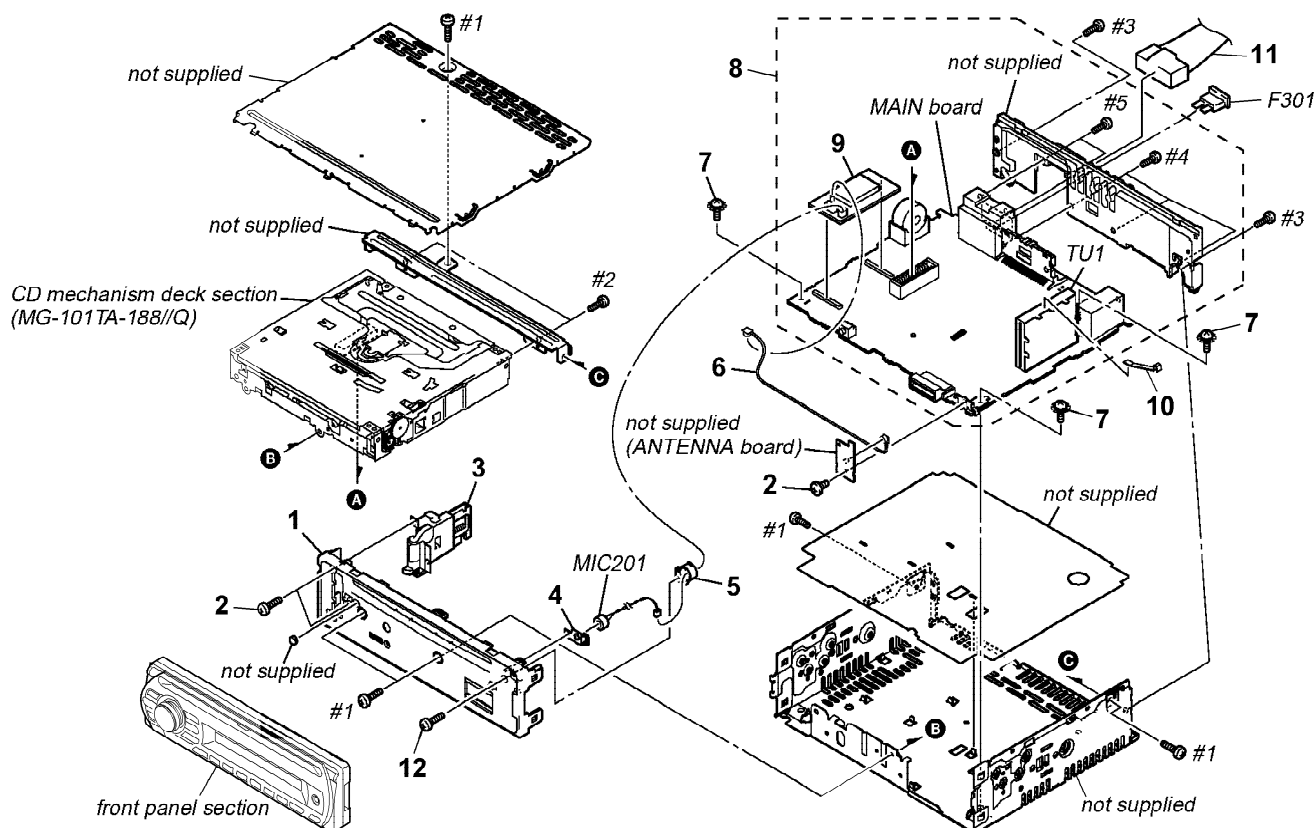
- XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example:
KNOB, BALANCE (WHITE) . . . (RED)

↑
Parts Color

↑
Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of the electrical parts list.
- Abbreviation
CND : Canadian model

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

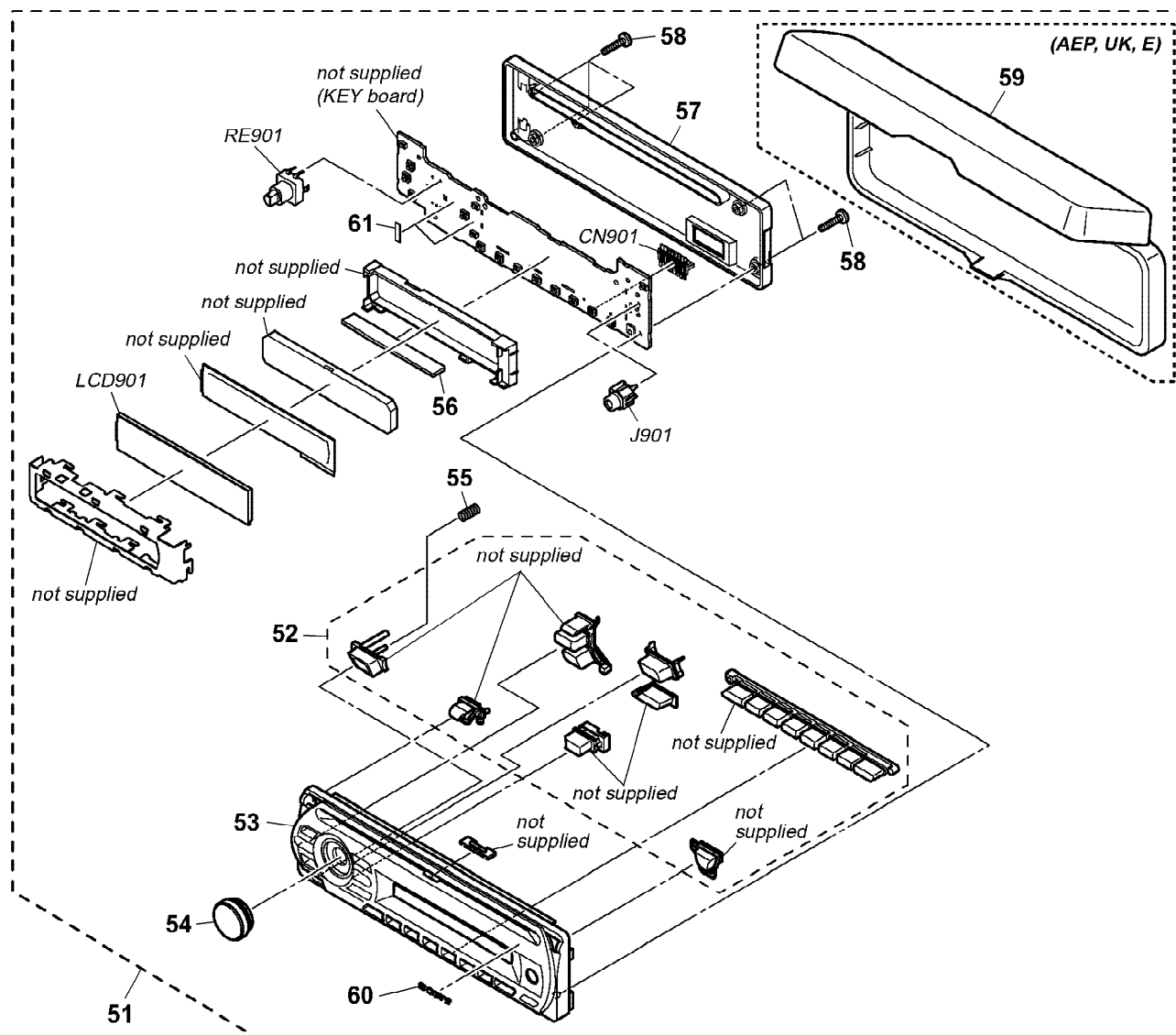
Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. MAIN SECTION

Note: When the BT board is replaced, it is necessary to confirm operation. Refer to "BLUETOOTH FUNCTION CHECKING METHOD USING A CELLULAR PHONE" of the servicing note (See page 5).

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-2176-834-1	PANEL ASSY, SUB (BT)		10	2-021-848-01	SHEET (TU), GROUND	
2	3-042-244-11	SCREW (T)		11	1-776-527-31	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP, UK)
3	X-2108-670-1	LOCK ASSY (S)		11	1-833-655-11	CORD (WITH CONNECTOR) (POWER)	(US, CND, E)
4	2-319-911-01	PLATE (MIC SLOT)		12	3-250-543-21	SCREW (+B P-TITE M2)	
5	2-898-980-01	HOLDER (MIC SLOT)		F301	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10A/32V)	
6	1-964-881-11	CABLE, COAXIAL (WITH U.F.L CONNECTOR)		MIC201	1-542-689-31	MICROPHONE	
7	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT		TU1	A-3220-960-B	TUNER UNIT (TUX-032//Q2) (E)	
8	A-1243-385-A	MAIN BOARD, COMPLETE	(Including BT board) (AEP, UK)	TU1	A-3220-961-B	TUNER UNIT (TUX-032//Q3) (US, CND, AEP, UK)	
8	A-1246-217-A	MAIN BOARD, COMPLETE	(Including BT board) (E)	#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
8	A-1246-218-A	MAIN BOARD, COMPLETE	(Including BT board) (US, CND)	#2	7-685-790-01	SCREW +PTT 2.6X4 (S)	
9	A-1243-387-A	BT BOARD, COMPLETE	(Included in MAIN board)	#3	7-685-793-09	SCREW +PTT 2.6X8 (S)	
				#4	7-685-794-09	SCREW +PTT 2.6X10 (S)	
				#5	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	

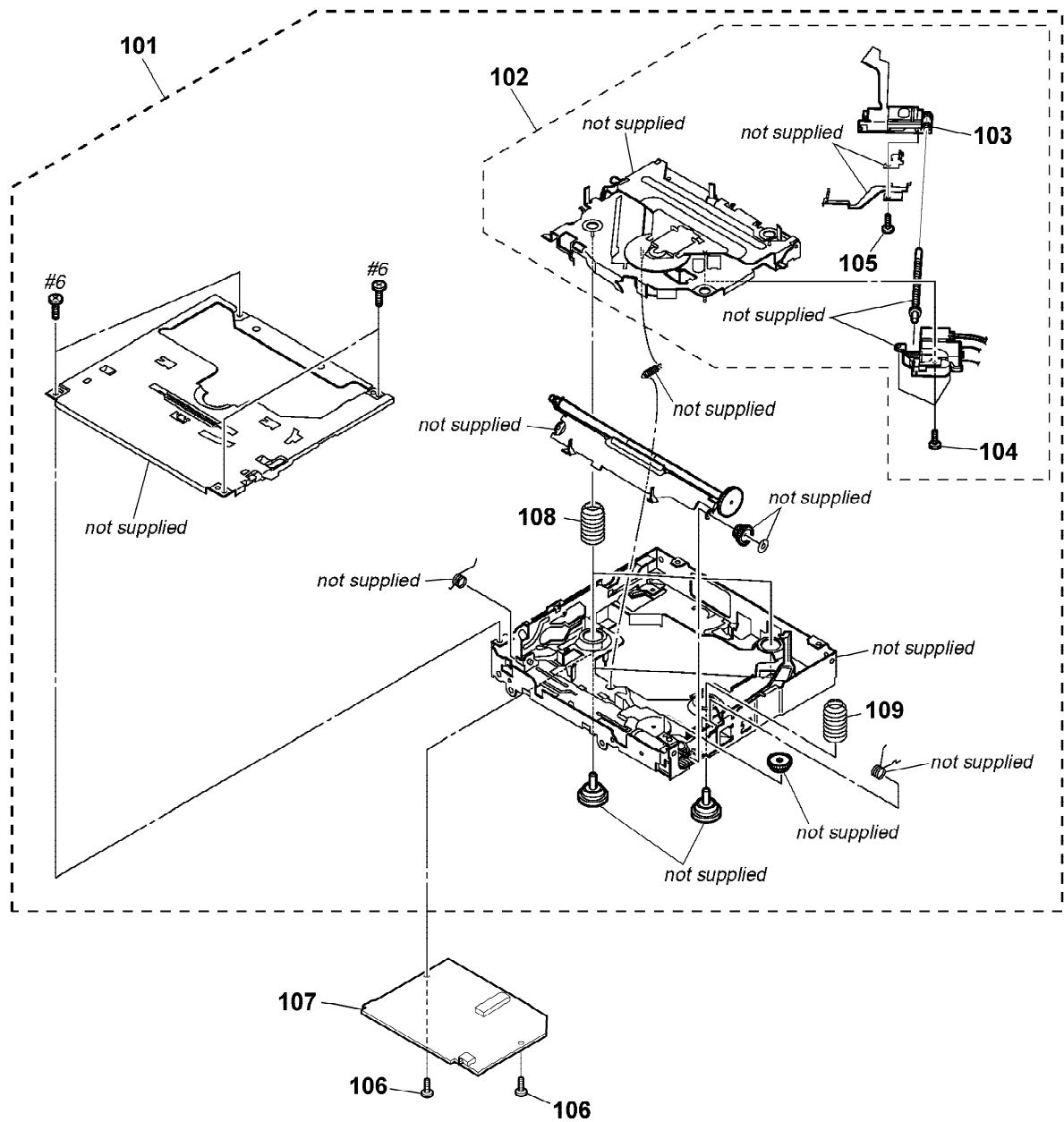
6-2. FRONT PANEL SECTION



Note: Refer to the Servicing Notes "NOTE FOR REPLACEMENT OF THE AUX JACK (J901)" (page 5), if replacing the Ref. No. J901.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	A-1239-389-A	PANEL COMPLETE ASSY, FRONT (AEP, UK)		57	2-683-964-01	PANEL (LCD), BACK	
51	A-1239-390-A	PANEL COMPLETE ASSY, FRONT (US, CND)		58	3-250-543-21	SCREW (+B P-TITE M2)	
51	A-1267-957-A	PANEL COMPLETE ASSY, FRONT (E)		59	X-2149-228-2	CASE ASSY (for FRONT PANEL) (AEP, UK, E)	
52	X-2103-266-3	BUTTON ASSY (S) (US, CND, E)		60	3-251-320-01	EMBLEM (NO. 2.5), SONY	
52	X-2149-102-3	BUTTON ASSY (S) (AEP, UK)		61	3-229-100-01	SHEET (SW), ADHESIVE	
53	X-2176-838-1	PANEL SUB ASSY, FRONT (AEP, UK)		CN901	1-819-758-12	PLUG, CONNECTOR 15P	
53	X-2176-839-1	PANEL SUB ASSY, FRONT (US, CND, E)		J901	1-820-624-11	SMALL TYPE JACK (VERTICAL) (AUX)	
54	X-2176-840-1	KNOB (VOL/BT) (SV) ASSY (S)		LCD901	1-802-408-11	DISPLAY PANEL, LIQUID CRYSTAL	
55	2-693-599-01	SPRING (RELEASE)		RE901	1-479-902-11	ENCODER, ROTARY	
56	1-780-433-11	CONDUCTIVE BOARD, CONNECTION				(PUSH SELECT/HANDSFREE, VOLUME)	

6-3. CD MECHANISM DECK SECTION
(MG-101TA-188//Q)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-1177-168-A	MECHANICAL BLOCK ASSY		106	3-352-758-31	SCREW (M1.7X2.5), TOOTHED LOCK	
△ 102	A-1177-169-A	DAXEV//Q		107	A-1177-201-A	SERVO BOARD, COMPLETE	
△ 103	X-2149-672-1	SERVICE ASSY, OP (DAX-25A)		108	3-257-892-01	SPRING (DAMPER), COIL (SILVER)	
104	2-626-869-01	SCREW (M2X3), SERRATION		109	3-257-892-12	SPRING (DAMPER), COIL (GREEN)	
105	3-348-998-31	SCREW (M1.4X2.5), TAPPING, PAN		#6	7-627-000-08	SCREW, PRECISION +P 1.7X2.2 TYPE 3	

SECTION 7 ELECTRICAL PARTS LIST

ANTENNA
BT
KEY

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.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
uF: μ F
- COILS
uH: μ H

- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA... : μ A... uPA... : μ PA...
uPB... : μ PB... uPC... : μ PC...
uPD... : μ PD...
- Abbreviation
CND : Canadian model

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

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

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		ANTENNA BOARD *****		D992	8-719-977-12	DIODE DTZ6.8B	
		< CONNECTOR >		D993	8-719-977-12	DIODE DTZ6.8B	
CN1	1-784-081-11	CONNECTOR, COAXIAL (SMT TYPE)		D994	8-719-977-12	DIODE DTZ6.8B	
		< JUMPER RESISTOR >		D998	1-216-295-00	SHORT CHIP 0	
R1	1-218-990-11	SHORT CHIP 0				< RESISTOR >	
*****				FB901	1-216-809-11	METAL CHIP 100 5% 1/10W	
		A-1243-387-A BT BOARD, COMPLETE		FB902	1-216-809-11	METAL CHIP 100 5% 1/10W	
		(Included in MAIN board)		FB903	1-216-295-00	SHORT CHIP 0	
		*****				< IC >	
When BT board is defective, exchange the entire mounted board.				IC901	6-710-047-01	IC LC75836WH-US-E	
		*****		IC971	6-600-163-01	IC RS-770	
		KEY BOARD				< JACK >	
		*****		J901	1-820-624-11	SMALL TYPE JACK (VERTICAL) (AUX)	
		1-780-433-11 CONDUCTIVE BOARD, CONNECTION				< LIQUID CRYSTAL DISPLAY >	
		< CAPACITOR >		LCD901	1-802-408-11	DISPLAY PANEL, LIQUID CRYSTAL	
C971	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V				< LED >	
C981	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		LED931	6-501-339-01	LED NESW505CT-AST (LCD BACK LIGHT)	
C983	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		LED941	6-501-547-01	LED CL-197HB1E-D-T (Δ)	
C984	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		LED942	6-501-547-01	LED CL-197HB1E-D-T	
C985	1-131-664-91	CERAMIC CHIP 0.15uF 10% 10V				(DISC SLOT ILLUMINATION)	
C986	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V		LED943	6-501-547-01	LED CL-197HB1E-D-T (OFF)	
C987	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V		LED944	6-501-547-01	LED CL-197HB1E-D-T (SOURCE)	
C988	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V		LED945	6-501-547-01	LED CL-197HB1E-D-T (MODE)	
		< CONNECTOR >		LED951	6-501-547-01	LED CL-197HB1E-D-T	
CN901	1-819-758-12	PLUG, CONNECTOR 15P				(PUSH SELECT/HANDSFREE, VOLUME)	
		< DIODE/JUMPER RESISTOR >		LED952	6-501-547-01	LED CL-197HB1E-D-T	
D903	8-719-057-80	DIODE MA8180-M-TX				(PUSH SELECT/HANDSFREE, VOLUME)	
D981	8-719-420-90	DIODE MA8051-M		LED953	6-501-547-01	LED CL-197HB1E-D-T	
D982	8-719-988-61	DIODE 1SS355TE-17				(PUSH SELECT/HANDSFREE, VOLUME)	
D987	8-719-420-90	DIODE MA8051-M				< SWITCH >	
D988	8-719-420-90	DIODE MA8051-M		LSW901	1-786-998-12	SWITCH, TACT (WITH LED) (BLUETOOTH, EQ)	
D989	8-719-420-90	DIODE MA8051-M		LSW902	1-786-998-12	SWITCH, TACT (WITH LED) (BTM) (US, CND, E)	
D990	8-719-420-90	DIODE MA8051-M		LSW902	1-786-998-12	SWITCH, TACT (WITH LED) (PTY) (AEP, UK)	
D991	8-719-977-12	DIODE DTZ6.8B		LSW903	1-786-998-12	SWITCH, TACT (WITH LED) (SEEK+, $\blacktriangleright\blacktriangleright\blacktriangleright$)	
				LSW904	1-786-998-12	SWITCH, TACT (WITH LED) (SEEK-, $\blacktriangleleft\blacktriangleleft\blacktriangleleft$)	
				LSW905	1-786-998-12	SWITCH, TACT (WITH LED) (DIM, DSPL)	
				LSW906	1-786-998-12	SWITCH, TACT (WITH LED) (ALBM -, 1)	

Note: When the BT board is replaced, it is necessary to confirm operation.
Refer to "BLUETOOTH FUNCTION CHECKING METHOD USING A CELLULAR PHONE" of the servicing note (See page 5).

Note: Refer to the Servicing Notes "NOTE FOR REPLACEMENT OF THE AUX JACK (J901)" (page 5), if replacing the Ref. No. J901.

MEX-BT2500

KEY MAIN

Ref. No.	Part No.	Description	Remark
LSW907	1-786-998-12	SWITCH, TACT (WITH LED) (ALBM +, 2)	
LSW908	1-786-998-12	SWITCH, TACT (WITH LED) (REP, 3)	
LSW909	1-786-998-12	SWITCH, TACT (WITH LED) (SHUF, 4)	
LSW910	1-786-998-12	SWITCH, TACT (WITH LED) (5)	
LSW911	1-786-998-12	SWITCH, TACT (WITH LED) (PAUSE, 6)	
LSW912	1-786-998-12	SWITCH, TACT (WITH LED) (SCRL)	(US, CND, E)
LSW912	1-786-998-12	SWITCH, TACT (WITH LED) (AF/TA) (AEP, UK)	
< TRANSISTOR >			
Q931	8-729-027-44	TRANSISTOR	DTC114TKA-T146
Q932	6-551-444-01	TRANSISTOR	RT1N436C-TP-1
< RESISTOR >			
R901	1-216-820-11	METAL CHIP	820 5% 1/10W
R902	1-216-821-11	METAL CHIP	1K 5% 1/10W
R903	1-216-821-11	METAL CHIP	1K 5% 1/10W
R904	1-216-822-11	METAL CHIP	1.2K 5% 1/10W
R905	1-216-823-11	METAL CHIP	1.5K 5% 1/10W
R907	1-216-820-11	METAL CHIP	820 5% 1/10W
R908	1-216-821-11	METAL CHIP	1K 5% 1/10W
R909	1-216-821-11	METAL CHIP	1K 5% 1/10W
R910	1-216-822-11	METAL CHIP	1.2K 5% 1/10W
R911	1-216-823-11	METAL CHIP	1.5K 5% 1/10W
R912	1-216-824-11	METAL CHIP	1.8K 5% 1/10W
R913	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R914	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R915	1-216-828-11	METAL CHIP	3.9K 5% 1/10W
R916	1-216-830-11	METAL CHIP	5.6K 5% 1/10W
R921	1-216-295-00	SHORT CHIP	0
R922	1-216-295-00	SHORT CHIP	0
R923	1-216-295-00	SHORT CHIP	0
R931	1-216-813-11	METAL CHIP	220 5% 1/10W
R932	1-216-813-11	METAL CHIP	220 5% 1/10W
R933	1-216-813-11	METAL CHIP	220 5% 1/10W
R934	1-216-823-11	METAL CHIP	1.5K 5% 1/10W
R941	1-216-810-11	METAL CHIP	120 5% 1/10W
R942	1-216-813-11	METAL CHIP	220 5% 1/10W
R943	1-216-817-11	METAL CHIP	470 5% 1/10W
R944	1-216-817-11	METAL CHIP	470 5% 1/10W
R945	1-216-820-11	METAL CHIP	820 5% 1/10W
R946	1-216-820-11	METAL CHIP	820 5% 1/10W
R947	1-216-817-11	METAL CHIP	470 5% 1/10W
R948	1-216-817-11	METAL CHIP	470 5% 1/10W
R949	1-216-810-11	METAL CHIP	120 5% 1/10W
R950	1-216-813-11	METAL CHIP	220 5% 1/10W
R951	1-216-810-11	METAL CHIP	120 5% 1/10W
R952	1-216-813-11	METAL CHIP	220 5% 1/10W
R953	1-216-817-11	METAL CHIP	470 5% 1/10W
R954	1-216-817-11	METAL CHIP	470 5% 1/10W
R961	1-216-815-11	METAL CHIP	330 5% 1/10W
R962	1-216-815-11	METAL CHIP	330 5% 1/10W
R974	1-216-809-11	METAL CHIP	100 5% 1/10W
R975	1-216-809-11	METAL CHIP	100 5% 1/10W
R977	1-216-809-11	METAL CHIP	100 5% 1/10W
R978	1-216-809-11	METAL CHIP	100 5% 1/10W
R979	1-216-809-11	METAL CHIP	100 5% 1/10W
R981	1-216-811-11	METAL CHIP	150 5% 1/10W

Ref. No.	Part No.	Description	Remark
R982	1-216-811-11	METAL CHIP	150 5% 1/10W
R984	1-216-821-11	METAL CHIP	1K 5% 1/10W
R985	1-216-821-11	METAL CHIP	1K 5% 1/10W
R986	1-216-821-11	METAL CHIP	1K 5% 1/10W
R987	1-216-857-11	METAL CHIP	1M 5% 1/10W
R988	1-216-840-11	METAL CHIP	39K 5% 1/10W
R992	1-216-864-11	SHORT CHIP	0
< ROTARY ENCODER >			
RE901	1-479-902-11	ENCODER, ROTARY	(PUSH SELECT/HANDSFREE, VOLUME)
< SWITCH >			
S901	1-786-653-21	SWITCH, TACTILE (▲)	
S902	1-786-653-21	SWITCH, TACTILE (OFF)	
S903	1-786-653-21	SWITCH, TACTILE (SOURCE)	
S904	1-786-653-21	SWITCH, TACTILE (MODE)	

A-1243-385-A		MAIN BOARD, COMPLETE (AEP, UK)	
A-1246-217-A		MAIN BOARD, COMPLETE (E)	
A-1246-218-A		MAIN BOARD, COMPLETE (US, CND)	

(Including BT board)			
7-685-134-19		SCREW +P 2.6X8 TYPE2 NON-SLIT	
7-685-794-09		SCREW +PTT 2.6X10 (S)	
< CAPACITOR >			
C1	1-126-963-11	ELECT	4.7uF 20% 50V (AEP, UK)
C2	1-126-947-11	ELECT	47uF 20% 35V
C3	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C4	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (US, CND, E)
C5	1-126-947-11	ELECT	47uF 20% 35V
C6	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C7	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C8	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
C50	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (AEP, UK)
C51	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (AEP, UK)
C52	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (AEP, UK)
C53	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (AEP, UK)
C54	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (AEP, UK)
C55	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (AEP, UK)
C56	1-107-826-11	CERAMIC CHIP	0.1uF 10% 16V (AEP, UK)
C57	1-126-947-11	ELECT	47uF 20% 35V (AEP, UK)
C58	1-162-959-11	CERAMIC CHIP	330PF 5% 50V (AEP, UK)
C59	1-162-927-11	CERAMIC CHIP	100PF 5% 50V (AEP, UK)
C60	1-162-927-11	CERAMIC CHIP	100PF 5% 50V (AEP, UK)

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C61	1-162-917-11	CERAMIC CHIP	15PF	5%	50V (AEP, UK)	C507	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C62	1-162-917-11	CERAMIC CHIP	15PF	5%	50V (AEP, UK)	C508	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C301	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C509	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C303	1-107-907-11	ELECT	22uF	20%	50V	C510	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C304	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C511	1-124-584-00	ELECT	100uF	20%	10V
C305	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C512	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C306	1-126-964-11	ELECT	10uF	20%	50V	C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C307	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C514	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V	C515	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C309	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C516	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C312	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C313	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C520	1-126-916-11	ELECT	1000uF	20%	6.3V
C314	1-124-261-00	ELECT	10uF	20%	50V	C521	1-126-916-11	ELECT	1000uF	20%	6.3V
C315	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C600	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C316	1-124-261-00	ELECT	10uF	20%	50V	C601	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C317	1-124-257-00	ELECT	2.2uF	20%	50V	C602	1-163-017-00	CERAMIC CHIP	0.0047uF	10%	50V
C318	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C603	1-163-017-00	CERAMIC CHIP	0.0047uF	10%	50V
C319	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	C604	1-126-961-11	ELECT	2.2uF	20%	50V
C320	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C605	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C325	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C701	1-112-302-11	ELECT	3300uF	20%	16V
C330	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C702	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C404	1-126-160-11	ELECT	1uF	20%	50V	C703	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C405	1-126-160-11	ELECT	1uF	20%	50V	C704	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C406	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	C705	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C407	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	C706	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C410	1-126-160-11	ELECT	1uF	20%	50V	C800	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C411	1-126-160-11	ELECT	1uF	20%	50V	C801	1-104-665-11	ELECT	100uF	20%	25V
C413	1-126-964-11	ELECT	10uF	20%	50V	C827	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C414	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C828	1-124-589-11	ELECT	47uF	20%	16V
C415	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C840	1-126-160-11	ELECT	1uF	20%	50V
C418	1-126-934-11	ELECT	220uF	20%	16V	C841	1-126-160-11	ELECT	1uF	20%	50V
C419	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C887	1-216-864-11	SHORT CHIP	0		
C421	1-126-964-11	ELECT	10uF	20%	50V	C889	1-216-864-11	SHORT CHIP	0		
C422	1-126-964-11	ELECT	10uF	20%	50V	< CONNECTOR >					
C423	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	CN300	1-774-701-21	PIN, CONNECTOR 16P			
C424	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	CN350	1-820-611-11	CONNECTOR, BOARD TO BOARD 28P			
C430	1-107-906-11	ELECT	10uF	20%	50V	CN701	1-819-773-13	SOCKET, CONNECTOR 15P			
C431	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	< DIODE >					
C432	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	D2	8-719-977-03	DIODE DTZ5.6B			
C441	1-107-906-11	ELECT	10uF	20%	50V	D103	8-719-977-12	DIODE DTZ6.8B			
C442	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	D104	8-719-977-12	DIODE DTZ6.8B			
C443	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	D108	8-719-057-80	DIODE MA8180-M-TX			
C451	1-124-584-00	ELECT	100uF	20%	10V	D301	6-500-522-01	DIODE 10EDB40-TA1B2			
C452	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D303	6-500-522-01	DIODE 10EDB40-TA1B2			
C453	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	D305	6-500-522-01	DIODE 10EDB40-TA1B2			
C454	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	D306	6-500-522-01	DIODE 10EDB40-TA1B2			
C455	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D307	6-500-522-01	DIODE 10EDB40-TA1B2			
C456	1-124-584-00	ELECT	100uF	20%	10V	D308	6-500-522-01	DIODE 10EDB40-TA1B2			
C457	1-124-234-00	ELECT	22uF	20%	16V	D309	6-500-522-01	DIODE 10EDB40-TA1B2			
C458	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D310	6-500-522-01	DIODE 10EDB40-TA1B2			
C460	1-124-233-11	ELECT	10uF	20%	16V	D311	6-500-522-01	DIODE 10EDB40-TA1B2			
C461	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D312	6-500-522-01	DIODE 10EDB40-TA1B2			
C491	1-126-947-11	ELECT	47uF	20%	35V	D451	6-501-051-01	DIODE BAT54CLT1G			
C501	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D452	6-501-013-01	DIODE BAT54ALT1G			
C503	1-124-584-00	ELECT	100uF	20%	10V	D491	8-719-988-61	DIODE 1SS355TE-17			
C504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V						

Ref. No.	Part No.	Description	Remark
D493	6-500-335-01	DIODE MC2838-T112-1	
D502	8-719-060-48	DIODE RB751V-40TE-17	
D503	8-719-988-61	DIODE 1SS355TE-17	
D580	8-719-422-76	DIODE MA8075-M	
D581	8-719-057-80	DIODE MA8180-M-TX	
D602	8-719-977-12	DIODE DTZ6.8B	
D702	8-719-057-80	DIODE MA8180-M-TX	
D703	8-719-977-12	DIODE DTZ6.8B	
D705	8-719-057-80	DIODE MA8180-M-TX	
D707	6-501-571-01	DIODE 1N5404-C311-3	
D800	8-719-992-02	DIODE RB705D	
D801	6-501-013-01	DIODE BAT54ALT1G	
< JUMPER RESISTOR >			
FB451	1-216-864-11	SHORT CHIP	0
FB452	1-216-864-11	SHORT CHIP	0
FB453	1-216-295-00	SHORT CHIP	0
FB454	1-216-295-00	SHORT CHIP	0
FB455	1-216-864-11	SHORT CHIP	0
FB456	1-216-864-11	SHORT CHIP	0
FB457	1-216-295-00	SHORT CHIP	0
FB458	1-216-864-11	SHORT CHIP	0
FB800	1-216-295-00	SHORT CHIP	0
< IC >			
IC50	6-803-747-01	IC TDA7333013TR (AEP, UK)	
IC300	6-705-360-02	IC TDA8588BJ/N2/R1	
IC401	6-710-048-01	IC BD3444FS-E2	
IC501	6-807-360-01	IC MB90F045PF-G-9044-SPE1	
IC602	8-759-659-13	IC PST3428UL	
IC901	8-759-681-42	IC NJM12902V (TE2)	
< JACK >			
J1	1-815-185-13	JACK (ANT) (ANTENNA IN)	
< RESISTOR >			
JC1	1-216-295-00	SHORT CHIP	0
JC2	1-216-864-11	SHORT CHIP	0
JC4	1-216-296-11	SHORT CHIP	0
JC5	1-216-296-11	SHORT CHIP	0
JC9	1-216-864-11	SHORT CHIP	0
JC10	1-216-864-11	SHORT CHIP	0
JC11	1-216-296-11	SHORT CHIP	0
JC12	1-216-296-11	SHORT CHIP	0
JC13	1-216-864-11	SHORT CHIP	0
JC14	1-216-296-11	SHORT CHIP	0
JC15	1-216-296-11	SHORT CHIP	0
JC25	1-216-296-11	SHORT CHIP	0
JC26	1-216-296-11	SHORT CHIP	0
JC27	1-216-296-11	SHORT CHIP	0
JC29	1-216-296-11	SHORT CHIP	0
JC30	1-216-296-11	SHORT CHIP	0
JC31	1-216-296-11	SHORT CHIP	0
JC38	1-216-296-11	SHORT CHIP	0 (US, CND, AEP, UK)
JC50	1-216-295-00	SHORT CHIP	0
JC53	1-216-845-11	METAL CHIP	100K 5% 1/10W
JC55	1-216-296-11	SHORT CHIP	0

Ref. No.	Part No.	Description	Remark
JC56	1-216-864-11	SHORT CHIP	0
JC80	1-216-864-11	SHORT CHIP	0
< COIL/RESISTOR >			
L1	1-469-844-11	INDUCTOR	2.2uH
L4	1-500-245-11	INDUCTOR, FERRITE BEAD	
L50	1-469-844-11	INDUCTOR	2.2uH (AEP, UK)
L51	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP, UK)
L52	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP, UK)
L301	1-469-844-11	INDUCTOR	2.2uH
L451	1-469-844-11	INDUCTOR	2.2uH
L501	1-469-844-11	INDUCTOR	2.2uH
L700	1-456-617-11	COIL, CHOKE	
< TRANSISTOR >			
Q1	8-729-038-28	TRANSISTOR	RT1N441C-TP-1 (AEP, UK)
Q3	6-551-431-01	TRANSISTOR	2SC6027T100-QR
Q50	8-729-600-22	TRANSISTOR	2SA1235-F (AEP, UK)
Q410	8-729-027-44	TRANSISTOR	DTC114TKA-T146
Q420	8-729-027-44	TRANSISTOR	DTC114TKA-T146
Q430	8-729-027-44	TRANSISTOR	DTC114TKA-T146
Q440	8-729-027-44	TRANSISTOR	DTC114TKA-T146
Q491	8-729-027-23	TRANSISTOR	DTA114EKA-T146
Q492	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q500	8-729-027-23	TRANSISTOR	DTA114EKA-T146
Q580	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q581	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
Q582	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q702	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q802	8-729-027-44	TRANSISTOR	DTC114TKA-T146
Q803	8-729-027-44	TRANSISTOR	DTC114TKA-T146
Q804	8-729-027-23	TRANSISTOR	DTA114EKA-T146
Q805	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q806	6-550-363-01	TRANSISTOR	2SB1690KT146
Q807	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
Q808	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
< RESISTOR/FERRITE BEAD >			
R1	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP, UK)
R2	1-216-839-11	METAL CHIP	33K 5% 1/10W
R3	1-216-843-11	METAL CHIP	68K 5% 1/10W
R4	1-216-839-11	METAL CHIP	33K 5% 1/10W
R5	1-216-843-11	METAL CHIP	68K 5% 1/10W
R6	1-414-595-11	INDUCTOR, FERRITE BEAD	
R7	1-414-595-11	INDUCTOR, FERRITE BEAD	
R8	1-216-839-11	METAL CHIP	33K 5% 1/10W (AEP, UK)
R9	1-216-843-11	METAL CHIP	68K 5% 1/10W
R10	1-216-821-11	METAL CHIP	1K 5% 1/10W
R12	1-414-595-11	INDUCTOR, FERRITE BEAD	
R13	1-414-595-11	INDUCTOR, FERRITE BEAD	
R50	1-216-797-11	METAL CHIP	10 5% 1/10W (AEP, UK)
R51	1-216-797-11	METAL CHIP	10 5% 1/10W (AEP, UK)

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
R52	1-216-845-11	METAL CHIP	100K	5%	1/10W	(AEP, UK)	R534	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R536	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R53	1-414-595-11	INDUCTOR, FERRITE BEAD (AEP, UK)					R537	1-216-845-11	METAL CHIP	100K	5%	1/10W	(AEP, UK, E)
R54	1-216-833-11	METAL CHIP	10K	5%	1/10W	(AEP, UK)	R538	1-216-845-11	METAL CHIP	100K	5%	1/10W	(US, CND)
R55	1-216-821-11	METAL CHIP	1K	5%	1/10W	(AEP, UK)	R540	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R56	1-216-833-11	METAL CHIP	10K	5%	1/10W	(AEP, UK)	R541	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R57	1-216-864-11	SHORT CHIP	0 (AEP, UK)				R542	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R59	1-216-813-11	METAL CHIP	220	5%	1/10W	(AEP, UK)	R543	1-216-864-11	SHORT CHIP	0			
R301	1-216-811-11	METAL CHIP	150	5%	1/10W		R544	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R302	1-216-841-11	METAL CHIP	47K	5%	1/10W		R545	1-216-845-11	METAL CHIP	100K	5%	1/10W	(E)
R410	1-216-809-11	METAL CHIP	100	5%	1/10W		R546	1-216-845-11	METAL CHIP	100K	5%	1/10W	(E)
R411	1-216-821-11	METAL CHIP	1K	5%	1/10W		R547	1-216-845-11	METAL CHIP	100K	5%	1/10W	(US, CND, E)
R412	1-216-833-11	METAL CHIP	10K	5%	1/10W		R548	1-216-845-11	METAL CHIP	100K	5%	1/10W	(US, CND, E)
R420	1-216-809-11	METAL CHIP	100	5%	1/10W		R550	1-216-845-11	METAL CHIP	100K	5%	1/10W	(E)
R422	1-216-821-11	METAL CHIP	1K	5%	1/10W		R551	1-216-845-11	METAL CHIP	100K	5%	1/10W	(US, CND, AEP, UK)
R423	1-216-833-11	METAL CHIP	10K	5%	1/10W								
R430	1-216-809-11	METAL CHIP	100	5%	1/10W		R552	1-216-845-11	METAL CHIP	100K	5%	1/10W	(US, CND, AEP, UK)
R431	1-216-821-11	METAL CHIP	1K	5%	1/10W		R554	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R432	1-216-833-11	METAL CHIP	10K	5%	1/10W		R556	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R440	1-216-809-11	METAL CHIP	100	5%	1/10W		R557	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R441	1-216-821-11	METAL CHIP	1K	5%	1/10W		R558	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R442	1-216-833-11	METAL CHIP	10K	5%	1/10W								
R451	1-216-821-11	METAL CHIP	1K	5%	1/10W		R561	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R452	1-216-821-11	METAL CHIP	1K	5%	1/10W		R563	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R453	1-216-845-11	METAL CHIP	100K	5%	1/10W		R565	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R454	1-216-845-11	METAL CHIP	100K	5%	1/10W		R566	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R455	1-216-821-11	METAL CHIP	1K	5%	1/10W		R567	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R491	1-216-805-11	METAL CHIP	47	5%	1/10W								
R502	1-216-809-11	METAL CHIP	100	5%	1/10W		R569	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R503	1-216-809-11	METAL CHIP	100	5%	1/10W		R570	1-216-817-11	METAL CHIP	470	5%	1/10W	
R504	1-218-871-11	METAL CHIP	10K	0.5%	1/10W		R573	1-216-845-11	METAL CHIP	100K	5%	1/10W	(AEP, UK)
R505	1-218-871-11	METAL CHIP	10K	0.5%	1/10W		R582	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R506	1-216-864-11	SHORT CHIP	0				R583	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R507	1-216-845-11	METAL CHIP	100K	5%	1/10W	(US, CND, E)	R584	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R509	1-216-809-11	METAL CHIP	100	5%	1/10W		R585	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R510	1-216-821-11	METAL CHIP	1K	5%	1/10W		R602	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R511	1-216-821-11	METAL CHIP	1K	5%	1/10W		R603	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R512	1-216-821-11	METAL CHIP	1K	5%	1/10W		R604	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R517	1-216-841-11	METAL CHIP	47K	5%	1/10W								
R519	1-216-845-11	METAL CHIP	100K	5%	1/10W		R605	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R520	1-216-809-11	METAL CHIP	100	5%	1/10W		R607	1-216-817-11	METAL CHIP	470	5%	1/10W	
R521	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R608	1-216-817-11	METAL CHIP	470	5%	1/10W	
R522	1-216-825-11	METAL CHIP	2.2K	5%	1/10W		R609	1-216-834-11	METAL CHIP	12K	5%	1/10W	
R523	1-216-809-11	METAL CHIP	100	5%	1/10W		R610	1-216-834-11	METAL CHIP	12K	5%	1/10W	
R524	1-216-833-11	METAL CHIP	10K	5%	1/10W		R612	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R525	1-216-833-11	METAL CHIP	10K	5%	1/10W		R613	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R526	1-216-845-11	METAL CHIP	100K	5%	1/10W		R614	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R528	1-216-845-11	METAL CHIP	100K	5%	1/10W		R615	1-216-789-11	METAL CHIP	2.2	5%	1/10W	
R529	1-216-821-11	METAL CHIP	1K	5%	1/10W		R617	1-216-864-11	SHORT CHIP	0			
R531	1-216-845-11	METAL CHIP	100K	5%	1/10W		R679	1-216-809-11	METAL CHIP	100	5%	1/10W	
R532	1-216-845-11	METAL CHIP	100K	5%	1/10W		R705	1-249-425-11	CARBON	4.7K	5%	1/4W	
R533	1-216-845-11	METAL CHIP	100K	5%	1/10W		R706	1-216-841-11	METAL CHIP	47K	5%	1/10W	
							R707	1-216-841-11	METAL CHIP	47K	5%	1/10W	
							R708	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	

MEX-BT2500

MAIN **SENSOR** **SERVO**

Ref. No.	Part No.	Description	Remark
R709	1-216-049-11	RES-CHIP 1K 5%	1/10W
R800	1-216-821-11	METAL CHIP 1K 5%	1/10W
R801	1-216-821-11	METAL CHIP 1K 5%	1/10W
R810	1-216-817-11	METAL CHIP 470 5%	1/10W
R811	1-216-821-11	METAL CHIP 1K 5%	1/10W
R831	1-216-845-11	METAL CHIP 100K 5%	1/10W
R832	1-216-845-11	METAL CHIP 100K 5%	1/10W
R833	1-216-809-11	METAL CHIP 100 5%	1/10W
R834	1-216-809-11	METAL CHIP 100 5%	1/10W
R835	1-216-809-11	METAL CHIP 100 5%	1/10W
R836	1-216-809-11	METAL CHIP 100 5%	1/10W
R837	1-216-809-11	METAL CHIP 100 5%	1/10W
R838	1-216-809-11	METAL CHIP 100 5%	1/10W
R839	1-216-809-11	METAL CHIP 100 5%	1/10W
R840	1-216-809-11	METAL CHIP 100 5%	1/10W
R841	1-216-809-11	METAL CHIP 100 5%	1/10W
R842	1-216-809-11	METAL CHIP 100 5%	1/10W
R843	1-216-809-11	METAL CHIP 100 5%	1/10W
R844	1-216-809-11	METAL CHIP 100 5%	1/10W
R845	1-216-809-11	METAL CHIP 100 5%	1/10W
R846	1-216-809-11	METAL CHIP 100 5%	1/10W
< SWITCH >			
S103	1-786-826-11	SWITCH, TACTILE (RESET)	
S501	1-571-478-11	SWITCH, SLIDE (FREQUENCY SELECTOR) (E)	
< TUNER UNIT >			
TU1	A-3220-960-B	TUX-032//Q2 (TUNER UNIT) (E)	
TU1	A-3220-961-B	TUX-032//Q3 (TUNER UNIT)	(US, CND, AEP, UK)
< VIBRATOR >			
X50	1-813-173-11	VIBRATOR, CRYSTAL (8.664MHz) (AEP, UK)	
X501	1-813-524-21	VIBRATOR, CERAMIC (18.432MHz)	
X502	1-813-202-11	VIBRATOR, CRYSTAL (32.768kHz)	

SENSOR BOARD			

A-1177-201-A SERVO BOARD, COMPLETE			

When SERVO board is defective, exchange the entire mounted board.

Ref. No.	Part No.	Description	Remark
MISCELLANEOUS			

6	1-964-881-11	CABLE, COAXIAL (WITH U.F.L CONNECTOR)	
11	1-776-527-31	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP, UK)
11	1-833-655-11	CORD (WITH CONNECTOR) (POWER)	(US, CND, E)
56	1-780-433-11	CONDUCTIVE BOARD, CONNECTION	
101	A-1177-168-A	MECHANICAL BLOCK ASSY	
△ 102	A-1177-169-A	DAXEV//Q	
△ 103	X-2149-672-1	SERVICE ASSY, OP (DAX-25A)	
F301	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10A/32V)	
MIC201	1-542-689-31	MICROPHONE	

ACCESSORIES			

1-480-150-11		REMOTE COMMANDER (RM-X304)	(including battery case lid)
2-548-729-01		LID, BATTERY CASE (for RM-X304)	
3-100-199-11		MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH) (US, CND)	
3-100-199-21		MANUAL, INSTRUCTION (ENGLISH, GERMAN, FRENCH, ITALIAN, DUTCH, RUSSIAN) (AEP, UK)	
3-100-199-31		MANUAL, INSTRUCTION (ENGLISH, SPANISH, SIMPLIFIED CHINESE) (E)	
3-100-200-11		MANUAL, INSTALL INSTRUCTION (ENGLISH, FRENCH, SPANISH) (US, CND)	
3-100-200-21		MANUAL, INSTALL INSTRUCTION (ENGLISH, GERMAN, FRENCH, ITALIAN, DUTCH, RUSSIAN) (AEP, UK)	
3-100-200-31		MANUAL, INSTALL INSTRUCTION (ENGLISH, SPANISH, SIMPLIFIED CHINESE) (E)	
3-100-201-11		QUICK GUIDE (BLUETOOTH) (ENGLISH, FRENCH, SPANISH) (US, CND)	
3-100-201-21		QUICK GUIDE (BLUETOOTH) (ENGLISH, GERMAN, FRENCH) (AEP, UK)	
3-100-201-31		QUICK GUIDE (BLUETOOTH) (ENGLISH, SPANISH, SIMPLIFIED CHINESE) (E)	
3-100-201-41		QUICK GUIDE (BLUETOOTH) (ITALIAN, DUTCH, RUSSIAN) (AEP, UK)	

Ref. No.	Part No.	Description	Remark
PARTS FOR INSTALLATION AND CONNECTIONS			

501	X-3382-647-1	FRAME ASSY, FITTING	
502	3-246-471-01	KEY (FRAME)	
503	2-686-803-01	COLLAR	
504	1-776-527-31	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP, UK)
504	1-833-655-11	CORD (WITH CONNECTOR) (POWER)	(US, CND, E)
505	1-465-459-31	ADAPTER, ANTENNA (AEP, UK)	
506	X-3382-926-1	SCREW ASSY (BS), FITTING (AEP, UK)	
507	3-349-410-11	BUSHING (AEP, UK, E)	
508	X-3381-154-1	SCREW ASSY (BS4), FITTING (E)	
509	3-934-325-01	SCREW, +K (5X8) TAPPING (US, CND, E)	

