

Service Manual

Telephone Equipment

Model No. **KX-TG2511ALM**
KX-TG2511ALS
KX-TG2511ALT
KX-TG2512ALS
KX-TG2512ALT
KX-TG2513ALT
KX-TGA250AZM
KX-TGA250AZS
KX-TGA250AZT

Supplement-5

Digital Cordless Phone

M: Metallic Grey Version

S: Silver Version

T: Titanium Black Version

(for Australia)

Please file and use this supplement manual together with the service manual for Model No. KX-TG2511ALM/KX-TG2511ALS/KX-TG2511ALT/KX-TG2512ALS/KX-TG2512ALT/KX-TG2513ALT/KX-TGA250AZM/KX-TGA250AZS/KX-TGA250AZT, Order No. KM41004075CE.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 REPLACEMENT PARTS LIST

1.1. REFERENCE CHART

Reason for Change	
*The following items (1-8) indicate the reason for change. See the "Notes" column for each part in ORIGINAL AND NEW PARTS COMPARISON LISTS.	
1. Improve performance	Note: Parts with *1 marking and IC3 software update have been changed at the same time. Remark: *c:To share the parts with other models.
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code							
**The following items (V-Z) indicate the Interchangeability. See the "Notes" column for each part in ORIGINAL AND NEW PARTS COMPARISON LISTS.							
V	<table border="0"> <tr> <td>Original</td> <td>↔</td> <td>Early (before change)</td> </tr> <tr> <td>New</td> <td>↔</td> <td>Late (after change)</td> </tr> </table>	Original	↔	Early (before change)	New	↔	Late (after change)
Original	↔	Early (before change)					
New	↔	Late (after change)					
W	<table border="0"> <tr> <td>Original</td> <td>→</td> <td>Early (before change)</td> </tr> <tr> <td>New</td> <td>→</td> <td>Late (after change)</td> </tr> </table>	Original	→	Early (before change)	New	→	Late (after change)
Original	→	Early (before change)					
New	→	Late (after change)					
X	<table border="0"> <tr> <td>Original</td> <td>↗</td> <td>Early (before change)</td> </tr> <tr> <td>New</td> <td>→</td> <td>Late (after change)</td> </tr> </table>	Original	↗	Early (before change)	New	→	Late (after change)
Original	↗	Early (before change)					
New	→	Late (after change)					
Y	<table border="0"> <tr> <td>Original</td> <td>→</td> <td>Early (before change)</td> </tr> <tr> <td>New</td> <td>→</td> <td>Late (after change)</td> </tr> </table>	Original	→	Early (before change)	New	→	Late (after change)
Original	→	Early (before change)					
New	→	Late (after change)					
Z	Other						

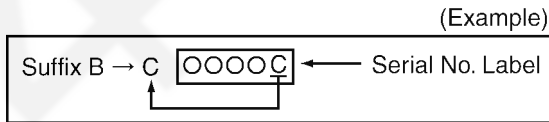
Note:
 Alphabets in the "Remarks" column in the following lists correspond to the alphabets in the "Remarks" in REFERENCE CHART.

1.2. ORIGINAL AND NEW PARTS COMPARISON LISTS

Change of the Suffix Code (Base Unit)

Suffix Code	Reasons of change
B to C	To share the parts with other models. There is no part change in the parts list.

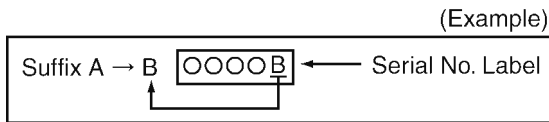
Serial No.Label tells you the suffix code as follows.



Change of the Suffix Code (Handset)

Suffix Code	Reasons of change
A to B	To share the parts with other models.

Serial No.Label tells you the suffix code as follows.



Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes	Time of Change (Suffix)
	Original (Old)	New					
Main P.C.Board Parts(Base Unit)							
C170	F1G1H100A723	ECUE1H222KBQ	CAPACITOR, 0.0022μF	1	*c	4 Y	---
Main P.C.Board Parts(Handset)							
D1	MA2YD2120L	ERJ8GEY0R00	DIODE(SI)	1	*c	4 V	---
R231	ERJ2GEJ824	-----	RESISTOR, 820kΩ	*1 0	*c	6 Y	A to B
R232	ERJ2GEJ434X	-----	RESISTOR, 430kΩ	*1 0	*c	6 Y	A to B

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes		Time of Change (Suffix)
	Original (Old)	New						
C2	F2A0J3310067	-----	CAPACITOR, 330μF	0	*c	6	V	---
C200	ECUV1C105KBV	-----	CAPACITOR, 1μF *1	0	*c	6	Y	A to B
C203	ECUV1C105KBV	-----	CAPACITOR, 1μF *1	0	*c	6	Y	A to B
E101	L5DYBYY00012	L5DYBYY00044	LIQUID CRYSTAL DISPLAY *1	1	*c	4	Y	A to B

Program Version(*1)

Suffix Code	IC3 Program Ver.
A	DBUFFB
B or Later	DBUFFC

Note: Change parts based on Suffix Code.

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