

Service Manual

Telephone Equipment

Supplement

Model No.

**KX-TGE220GN/KX-TGE222GN/
KX-TGE220EN/KX-TG6541LAB/
KX-TG6541BXB/KX-TG4311BXB/
KX-TG4311BX2/KX-TG4312BX2/
KX-TG4315BXB/KX-TG4611HKB/
KX-TG4612HKB/KX-TG4613HKB/
KX-TG9321T/KX-TG9322T/
KX-TG9321LAT/KX-TG9381T/
KX-TG9382T/KX-TG9385BXT/
KX-TG9385BX1/KX-TG9391T/
KX-TG9392T**

Digital Cordless Answering System

Digital Corded/Cordless Answering System

Expandable Digital Cordless Phone

Expandable Digital Cordless Answering System

5.8 GHz Digital Cordless Phone

5.8 GHz Expandable Digital Cordless Phone

2: Black Version

B: Black Version

N: Champagne Gold Version

T: Black Metallic Version

T: Titanium Black Version

Please use this manual with the original service manual mentioned on the next page.

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 ORIGINAL SERVICE MANUAL INFORMATION

Model No. on S/M	Destinations	Order No. of S/M	Suffix Code	
			Base Unit	Handset
KX-TGE210GN/KX-TGE220GN/KX-TGE222GN/KX-TGEA21EXN/KX-TGEA20EXN	Germany	KM41404821CE	---	---
KX-TGE220EN/KX-TGEA21EN/KX-TGEA20EN	UK and Ireland	KM41404827CE	---	---
KX-TG6541LAB/KX-TGA654LAB	Latin America	KM41004089CE	---	---
KX-TG6541BXB/KX-TG6542BXB/KX-TGA652BXB	Middle Near East and Africa	KM41108483CE	---	---
KX-TG4311BXB/KX-TG4312BXB/KX-TGA431BXB/KX-TGA434BXB	Asia and Middle Near East	KM40812771CE	---	---
KX-TG4311B2/KX-TG4312B2/KX-TGA431BXB/KX-TGA434BXB	India	KM41106973SE	---	---
KX-TG4315BXB/KX-TGA434BXB/KX-TCA300BX	India	KM41101304CE	---	---
KX-TG4611HKB/KX-TG4612HKB/KX-TGA460HKB/KX-TGA463HKB	Hong Kong	KM40805577CE	---	---
KX-TG4613HKB/KX-TGA460HKB	Hong Kong	KM40812773CE	---	---
KX-TG9321T/KX-TG9322T/KX-TGA939T	U.S.A.	KM41007188CE	---	---
KX-TG9321LAT/KX-TGA939LAT	Latin America	KM41010274CE	---	---
KX-TG9381T/KX-TG9382T/KX-TGA939T	U.S.A.	KM40906969CE	---	---
KX-TG9385BXT/KX-TGA939BXT	Middle Near East and Africa	KM40909013CE	---	---
KX-TG9385B1/KX-TGA939BXT	Middle Near East and Africa	KM41208009SE	---	---
KX-TG9391T/KX-TG9392T/KX-TGA939T	U.S.A.	KM40807646CE	---	---

2 REPLACEMENT PARTS LIST

2.1. 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	Remarks: *c: To share the parts with other models *m: Discontinued (To be replaced with a new part)
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	Original  Early (before change) New  Late (after change)	Original or new parts may be used in early or late production sets. Use original parts until exhausted, then stock new parts.
W	Original  Early (before change) New  Late (after change)	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
X	Original  Early (before change) New  Late (after change)	New parts only may be used in early or late production sets. Stock new parts.
Y	Original  Early (before change) New  Late (after change)	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
Z	Other	

Note:

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

2.2. ORIGINAL AND NEW PARTS COMPARISON LISTS

For KX-TGE220GN/KX-TGE222GN, KX-TGE220EN

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)							
C652	-----	ECUE1H100DCQ	CAPACITOR, 10pF	1	*c	4 X	---

For KX-TG6541, KX-TG4311, KX-TG4611 series

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)								
Q161	2SD0874AS	DSC7003S0L	TRANSISTOR(SI)	1	*m	4	V	---

For KX-TG93xx series

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)								
Q131, Q231	2SD0874AS	DSC7003S0L	TRANSISTOR(SI)	2	*m	4	V	---

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