

# Service Manual

Telephone Equipment

*Supplement*

Model No.

KX-TGC212BL/KX-TGC213BL/  
 KX-TGC222BL/KX-TGC210CX/  
 KX-TGC212CX/KX-TGC210HK/  
 KX-TGC212HK/KX-TGC210TU/  
 KX-TGC210TW/KX-TGC212TW/  
 KX-TGC210BX/KX-TGC212BX/  
 KX-TGC220BX/KX-TGC222BX/  
 KX-TGC210UE/KX-TGC212UE/  
 KX-TGC213UE/KX-TGC220UE/  
 KX-TGC222UE/KX-TGC210ML/  
 KX-TGC212ML/KX-TGC220AL/  
 KX-TGC222AL/KX-TGC223AL/  
 KX-TGC220NZ/KX-TGC222NZ/  
 KX-TGC223NZ/KX-TGC210GR/  
 KX-TGC210FX/KX-TGC212FX/  
 KX-TGC210PD/KX-TGC210NL/  
 KX-TGC212NL/KX-TGC213NL/  
 KX-TGC210SL/KX-TGC222SL/  
 KX-TGC220FX/KX-TGC220PD/  
 KX-TGC212PD/KX-TGC212SL

Digital Cordless Phone

Digital Cordless Answering System

B: Black Version

C: Blue Version

S: Silver Version

W: White 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-TGC210BL/KX-TGC212BL/KX-TGC213BL/KX-TGC222BL/KX-TGC210CX/KX-TGC212CX/KX-TGC210HK/KX-TGC212HK/KX-TGC210TU/KX-TGC210TW/KX-TGC212TW/KX-TGC210BX/KX-TGC212BX/KX-TGC220BX/KX-TGC222BX/KX-TGC210UE/KX-TGC212UE/KX-TGC213UE/KX-TGC220UE/KX-TGC222UE/KX-TGC210ML/KX-TGC212ML/KX-TGCA20EX/KX-TGCA20BX/KX-TGCA20CX/KX-TGCA20HK/KX-TGCA20TW/KX-TGCA20ML	BL: for Belgium, CX: for Singapore, Vietnam, Indonesia, HK: for Hong Kong, TU: for Tunisia, Algeria, Morocco, TW: for Taiwan, BX: for Iran, Yemen, Pakistan, Ghana, Libyan Arab, Mauritius, Lebanon, Bahrain, UE: for UAE, Nigeria, Kuwait, Qatar, ML: for Malaysia	KM41408855CE	---	---
KX-TGC220AL/KX-TGC220NZ/KX-TGC222AL/KX-TGC222NZ/KX-TGC223AL/KX-TGC223NZ/KX-TGCA20AZ	AL: for Australia, NZ: for New Zealand	KM41410878CE	---	---
KX-TGC210FX/KX-TGC210PD/KX-TGC210SL/KX-TGC210NL/KX-TGC210GR/KX-TGC212FX/KX-TGC212NL/KX-TGC213NL/KX-TGC222SL/KX-TGCA20EX/KX-TGCA20FX	FX: for Czech, Slovakia, Estonia, Latvia, Lithuania, Croatia, Slovenia, Rumania, Bulgaria, Albania, Bosnia and Herzegovina, Serbia, Egypt, Jordan, Oman, Barclay, The Former Yugoslav Republic of Macedonia, PD: for Poland, Hungary, SL: for Switzerland, NL: for Netherlands, GR: for Greece	KM41406843CE	---	---
KX-TGC212PD/KX-TGC212SL/KX-TGCA20FX/KX-TGCA20EX	PD: for Poland, Hungary, SL: for Switzerland	KM41411703SE	---	---
KX-TGC220FX/KX-TGC220PD/KX-TGCA20FX	FX: for Czech, Slovakia, Estonia, Latvia, Lithuania, Croatia, Slovenia, Rumania, Bulgaria, Albania, Bosnia and Herzegovina, Serbia, Egypt, Jordan, Oman, The Former Yugoslav Republic of Macedonia, PD: for Poland, Hungary	KM41409638SE	---	---

## 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 <b>ORIGINAL AND NEW PARTS COMPARISON LISTS</b> .	
1. Improve performance	<b>Remarks:</b> *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 <b>ORIGINAL AND NEW PARTS COMPARISON LISTS</b> .			
V	Original New		Original or new parts may be used in early or late production sets. Use original parts until exhausted, then stock new parts.
W	Original New		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 New		New parts only may be used in early or late production sets. Stock new parts.
Y	Original New		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

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes	Time of Change (Suffix)
	Original (Old)	New					
<b>Cabinet and Electrical Parts (Handset)</b>							
114	PNHS1466Z	<b>PNHS1691Z</b>	SPACER, BATTERY	1	*c	8 X	---