

# Service Manual

Telephone Equipment

*Supplement*

Model No.

KX-TG3411BXC/KX-TG3411BXH/  
 KX-TG3411BXP/KX-TG3411BXR/  
 KX-TG3411BXW/KX-TG3412BXC/  
 KX-TG3412BXH/KX-TG3412BXP/  
 KX-TG3412BXR/KX-TG3412BXW/  
 KX-TG3411BX1/KX-TG3451BXB/  
 KX-TG3452BXB/KX-TG3600BXB/  
 KX-TG3600BXS/KX-TG3611BXB/  
 KX-TG3611BXS/KX-TG3612BXB/  
 KX-TG3612BXS/KX-TG3611BXM/  
 KX-TG3619BXB/KX-TG3651BXT/  
 KX-TG3711BXB/KX-TG3711BXN/  
 KX-TG3712BXB/KX-TG3712BXN/  
 KX-TG3721BXB/KX-TG3721BXN/  
 KX-TG3722BXB/KX-TG3722BXN/  
 KX-TG3721BX1/KX-TG3811BXB/  
 KX-TG3811BXM/KX-TG3821BXB/  
 KX-TGA371BXB/KX-TGA371BXN/  
 KX-TGA381BXB

2.4 GHz Digital Cordless Phone Solution

2.4 GHz Digital Cordless Phone

2.4 GHz Digital Cordless Answering System

Additional Digital Cordless Handset

B: Black Version

C: Aqua Version

H: Charcoal Gray Version

M: Metallic Silver Version

N: Platinum Silver Version

P: Pink Version

R: Red Version

S: Pearl White Version

T: Titanium Black Version

W: White Version

1: Charcoal Grey 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.

**Panasonic**<sup>®</sup>

© Panasonic System Networks Co., Ltd. 2015  
 Unauthorized copying and distribution is a violation  
 of law.

# 1 ORIGINAL SERVICE MANUAL INFORMATION

Model No. on S/M	Destinations	Order No. of S/M	Suffix Code	
			Base Unit	Handset
KX-TG3411BXC/KX-TG3411BXH/KX-TG3411BXP/KX-TG3411BXR/ KX-TG3411BXW/KX-TG3412BXC/KX-TG3412BXH/KX-TG3412BXP/ KX-TG3412BXR/KX-TG3412BXW/KX-TG3419BXH/KX-TGA341BXC/ KX-TGA341BXH/KX-TGA341BXP/KX-TGA341BXR/KX-TGA341BXW	Asia, Middle Near East and other areas	KM41105382CE	---	---
KX-TG3411BX1/KX-TGA341BX1	Philippine	KM41202635SE	---	---
KX-TG3451BXB/KX-TG3452BXB/KX-TGA345BXB	Thailand	KM41403811CE	---	---
KX-TG3600BXB/KX-TG3600BXS/KX-TGA360BXB/KX-TGA360BXS	Asia, Middle Near East and other areas	KM40903837CE	---	---
KX-TG3611BXB/KX-TG3611BXS/KX-TG3612BXB/KX-TG3612BXS/ KX-TGA361BXB/KX-TGA361BXS	Asia, Middle Near East and other areas	KM40903838CE	---	---
KX-TG3611BXM/KX-TG3612BXM/KX-TGA361BXM	Asia, Middle Near East and other areas	KM41312191SE	---	---
KX-TG3619BXB/KX-TGA361BXB	Middle Near East	KM40908500SE	---	---
KX-TG3651BXT/KX-TGA365BXT	India and Thailand	KM40908500SE	---	---
KX-TG3711BXB/KX-TG3711BXN/KX-TG3712BXB/KX-TG3712BXN/ KX-TG3719BXB/KX-TGA371BXB/KX-TGA371BXN	KX-TG3711/3712BX: for Asia, Middle Near East and Other areas KX-TG3719BX : for UAE	KM41108488CE	---	---
KX-TG3721BXB/KX-TG3721BXN/KX-TG3722BXB/KX-TG3722BXN/ KX-TGA371BXB/KX-TGA371BXN	Asia, Middle Near East and Other areas	KM41108487CE	---	---
KX-TG3721BX1/KX-TGA371BX1	Philippine	KM41202636SE	---	---
KX-TG3811BXB/KX-TGA381BXB	Asia, Middle Near East and Other areas	KM41108479CE	---	---
KX-TG3811BXM/KX-TGA381BXM	Asia, Middle Near East and Other areas	KM41401308SE	---	---
KX-TG3821BXB/KX-TGA381BXB	Asia, Middle Near East and Other areas	KM41108478CE	---	---
KX-TGA381BXB	Asia, Middle Near East and Other areas	KM41109269SE	---	---

## 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> *m: Discontinued (To be replaced with a new part) *j: To meet the standards.
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	<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.

## 2.2. ORIGINAL AND NEW PARTS COMPARISON LISTS



















For KX-TG3411BXC/BXH/BXP/BXR/BXW, KX-TG3412BXC/BXH/BXP/BXR/BXW, KX-TG3411BX1, KX-TG3451BXB, KX-TG3452BXB, KX-TG3711BXB/BXN, KX-TG3712BXB/BXN, KX-TG3721BXB/BXN/BX1, KX-TG3722BXB/BXN, KX-TG3811BXB/BXM, KX-TG3821BXB, KX-TGA371BXB/BXN, KX-TGA381BXB

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes	Time of Change (Suffix)
	Original (Old)	New					
<b>Accessories</b>							
A1	PNLV226BX0Z	<b>PNLV226CE0Y</b>	AC ADAPTOR	1	*m	4 V	---

Old	New
PNLV226BX0Z	PNLV226CE0Y
<p><b>Panasonic</b></p> <p><b>PNLV226BX</b> </p> <p><b>AC ADAPTOR</b></p> <p>INPUT : 100-240 V ~ 50/60 Hz 100 mA </p> <p>OUTPUT : 5.5 V = 500 mA</p> <p>EFFICIENCY LEVEL : </p> <p> SAFETY MARK 1 0 2 5 9 1 - 1 1 </p> <p><b>CAUTION</b> <b>INDOOR USE ONLY</b> </p> <p>Made in China</p>	<p><b>Panasonic</b> </p> <p><b>PNLV226CE</b> </p> <p><b>AC ADAPTOR</b> </p> <p>INPUT : 220-240 V ~ 50/60 Hz 100 mA </p> <p>OUTPUT : 5.5 V = 500 mA</p> <p>EFFICIENCY LEVEL : </p> <p></p> <p>  </p> <p><b>CAUTION</b> <b>INDOOR USE ONLY</b> </p> <p>Made in China</p>



For KX-TG3600BXB/BXS, KX-TG3611BXB/BXS, KX-TG3612BXB/BXS, KX-TG3619BXB

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes	Time of Change (Suffix)
	Original (Old)	New					
<b>Accessories</b>							
A1	PQLV219BXZN	<b>PQLV219CE0Z</b>	AC ADAPTOR	1	*m	4 V	---
	PQLV219BXZ						

Old	New
PQLV219BXZN	PQLV219CE0Z
<p><b>Panasonic</b></p> <p><b>PQLV219BX</b> </p> <p><b>AC ADAPTOR</b></p> <p>INPUT : 100-240 V ~ 50/60 Hz 100 mA OUTPUT : 6.5 V = 500 mA</p> <p> SAFETY MARK 1 0 1 5 9 0 - 1 1 </p> <p></p> <p>EFFICIENCY LEVEL : </p> <p><b>CAUTION</b> <b>INDOOR USE ONLY</b></p> <p>Made in China</p>	<p><b>Panasonic</b> </p> <p><b>PQLV219CE</b> </p> <p><b>AC ADAPTOR</b> </p> <p>INPUT : 100-240 V ~ 50/60 Hz 100 mA OUTPUT : 6.5 V = 500 mA</p> <p>EFFICIENCY LEVEL : </p> <p> </p> <p> SAFETY MARK 1 5 0 0 2 4 - 1 1 </p> <p><b>CAUTION</b> <b>FOR INDOOR USE ONLY</b> </p> <p>Panasonic System Networks Co., Ltd. Made in China</p>
PQLV219BXZ	
<p><b>Panasonic</b></p> <p><b>PQLV219BX</b></p> <p><b>AC ADAPTOR</b></p> <p>INPUT : 100-240 V ~ 50/60 Hz 100 mA OUTPUT : 6.5 V = 500 mA</p> <p> SAFETY MARK 0 9 0 2 8 3 - 1 1 </p> <p></p> <p>EFFICIENCY LEVEL : </p> <p><b>CAUTION</b> <b>INDOOR USE ONLY</b></p> <p>Panasonic System Networks Co., Ltd. Made in China</p>	


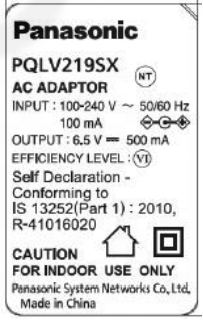
For KX-TG3611BXM, KX-TG3651BXT

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes	Time of Change (Suffix)
	Original (Old)	New					
<b>Accessories</b>							
A1	PQLV219BXY	<b>PQLV219CE0Z</b>	AC ADAPTOR	1	*m	4 V	---

Old	New
PQLV219BXY	PQLV219CE0Z
	

For KX-TG3651BXT

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes	Time of Change (Suffix)
	Original (Old)	New					
<b>Accessories</b>							
A1	PQLV219BXY	<b>PNWAAG3611SX</b>	AC ADAPTOR	1	*j	4 Y	---

Old	New
PQLV219BXY	PNWAAG3611SX
	

**Note:**  
The appearance of AC adaptor is different in the old one and the new one.