

Service Manual

Telephone Equipment

Supplement-1

KX-TG2257BXS

KX-TG2257PW

2.4GHz Digital Cordless Answering System

(Silver Version)

(Pearl White Version)

(for Asia, Middle Near East and Other areas)

(for U.S.A.)

Please file and use this supplement manual together with the service manual for Models mentioned below.

Model No.	Order No.	Sup. No.	Countries/Areas
KX-TG2257BXS	KM40206887C3	1	Asia, Middle Near East and Other areas
KX-TG2257PW	KM40207903C1	1	U.S.A.

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

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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	Notes: Parts with *1 marking has been changed at the same time. Parts with *2 marking has been changed at the same time and refer to Fig.1. Parts with *3 marking has been changed at the same time. Remarks: a. To share with other models. b. For countermeasure of battery power interruption. c. For the battery detection level on Production Line.
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 or new parts may be used in early or late production sets. Use original parts until exhausted, then stock new parts.
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 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.
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)	New parts only may be used in early or late production sets. Stock new parts.
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 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.
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.

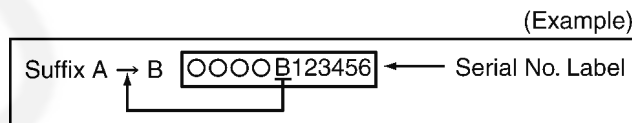
1.2. ORIGINAL AND NEW PARTS COMPRISON LIST

Change of the Suffix Code

- KX-TG2257BXS
- Base Unit

Suffix Code	Reasons of change
A→B	IC201 has been changed in the original service manual to share with other models.
B→C	According to the change of the suffix code for Handset (A→B).
C→D	According to the change of the suffix code for Handset (B→C).
D→E	According to the change of the suffix code for Handset (C→D).
E→F	According to the change of the suffix code for Handset (D→E).

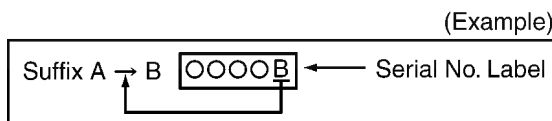
Serial No.Label tells you the suffix code as follows



- Handset

Suffix Code	Reasons of change
A→B	To share with other models.
B→C	For countermeasure of battery power interruption.
C→D	For the battery detection level on Production Line.
D→E	To share with other models.

Serial No.Label tells you the suffix code as follows

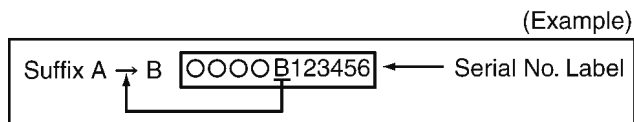


Change of the Suffix Code

- **KX-TG2257PW**
- Base Unit

Suffix Code	Reasons of change
A→B	According to the change of the suffix code for Handset (A→B).

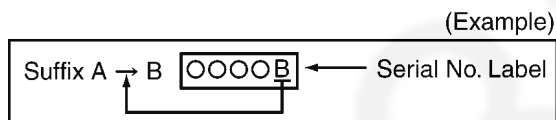
Serial No.Label tells you the suffix code as follows



- Handset

Suffix Code	Reasons of change
A→B	For the battery detection level on Production Line.
B→C	To share with other models.

Serial No.Label tells you the suffix code as follows



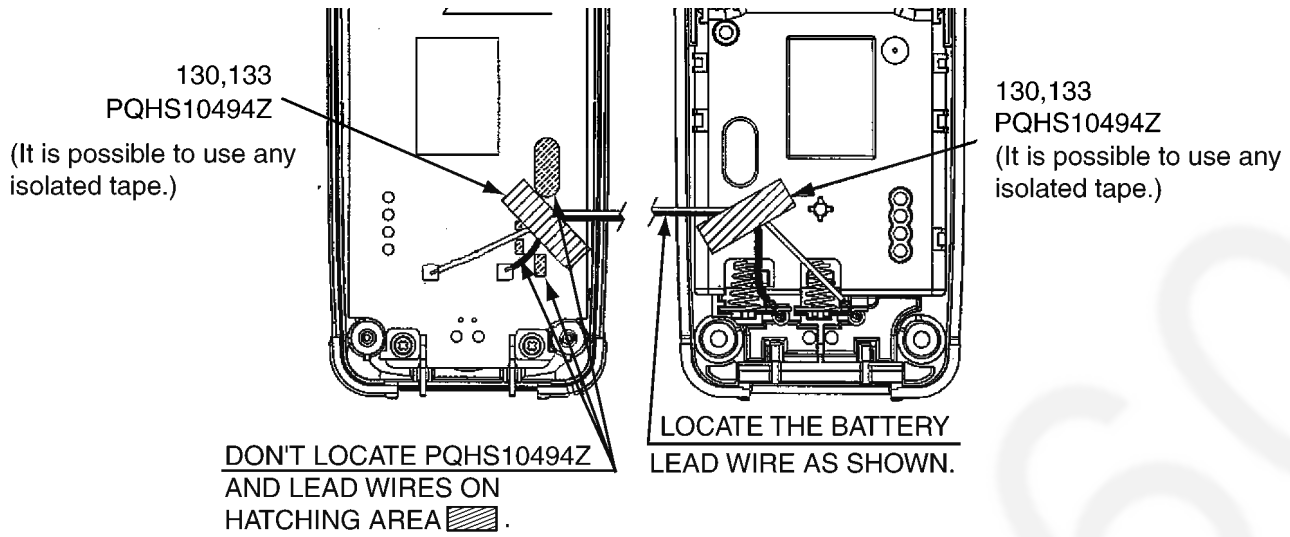
1.2.1. KX-TG2257BXS

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes		Time of Change (Suffix)	
	Original (Old)	New							
HANDSET									
117	PQKF10558Z1	PQYF2267BXS	Cabinet Cover Ass'y (for Silver)	*2	1	a	4	X	D→E
123	PQJC10050Z	PQJC10050Y	Battery Terminal	*2	1	a	4	X	D→E
132	-----	PQHS10505Z	Tape, Battery	2	2	b	5	-	-
133	-----	PQHS10494Z	Tape	*2	2	a	5	-	D→E
PCB100	PQWPG2257BXR	PQWY2257BXS	Main P.C.Board Ass'y + Cabinet Cover Ass'y (for Silver)	*2	1	a	4	X	D→E
IC201	C2HBBG000063	C2HBBG000073	IC	1	1	a	4	W	-
C303	ECST0JY106	ECUV0J106KB	Capacitor, 10μF	1	1	a	4	X	A→B
R223	ERJ3GEYJ101	ERJ3GEYJ103	Resistor, 10kΩ	*3	1	b	1	X	B→C
R234	ERJ3GEYJ225	ERJ3GEYF142	Resistor, 1.4kΩ	*1	1	c	1	X	C→D
R235	ERJ3GEYJ225	MAZS0430ML	Diode (Si)	*1	1	c	1	X	C→D
R236	ERJ3GEYJ473	ERJ3GEYJ183	Resistor, 18kΩ	*3	1	b	1	X	B→C
R244	ERJ3GEYJ473	ERJ3GEYJ393	Resistor, 39kΩ	*3	1	b	1	X	B→C

1.2.2. KX-TG2257PW

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes		Time of Change (Suffix)	
	Original (Old)	New							
HANDSET									
117	PQKF10558Z7	PQYFG2257PWR	Cabinet Cover Ass'y (for Pearl White)	*2	1	a	4	X	B→C
123	PQJC10050Z	PQJC10050Y	Battery Terminal	*2	1	a	4	X	B→C
130	-----	PQHS10494Z	Tape	*2	2	a	5	-	B→C
PCB100	PQWPTG2257SR	PQWYG2257PWR	Main P.C.Board Ass'y + Cabinet Cover Ass'y (for Pearl White)	*2	1	a	4	X	B→C
IC201	C2HBBG000063	C2HBBG000073	IC	1	1	a	4	W	-
R234	ERJ3GEYJ225	ERJ3GEYF142	Resistor, 1.4kW	*1	1	c	1	X	A→B
R235	ERJ3GEYJ225	MAZS0430ML	Diode (Si)	*1	1	c	1	X	A→B

***2: Addition**

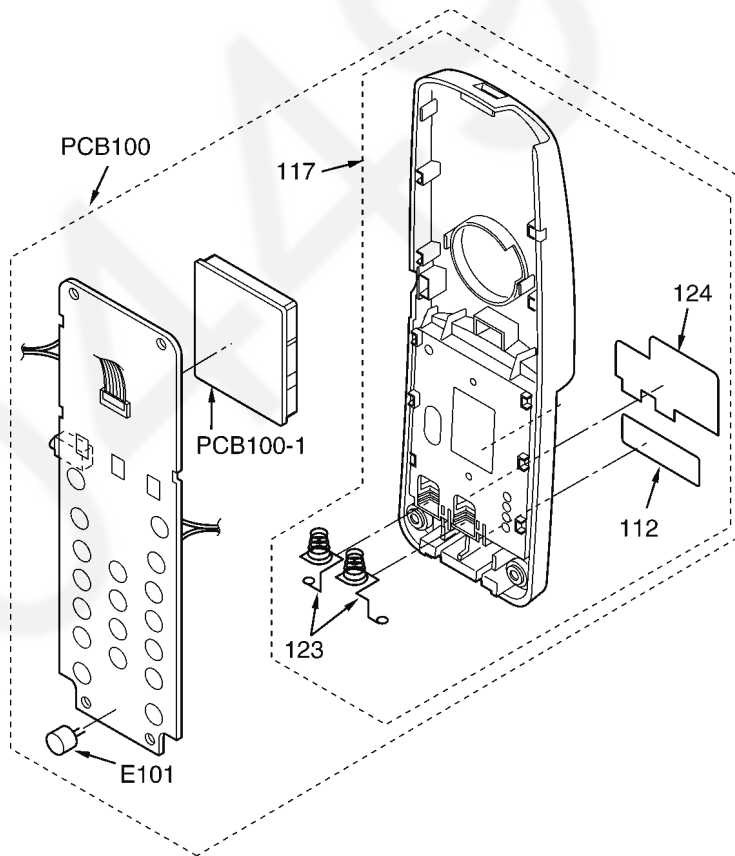


Note:Ref. No. 133 is for KX-TG2257BXS, 130 is for KX-TG2257PW. 117 and PCB100 contain two lead wires and himeron tapes.

Fig.1

1.3. CABINET AND ELECTRICAL PARTS (HANDSET)

117 and PCB100 will be supplied as a set.



1.3.1. KX-TG2257BXS

Ref. No. 132 has been added.

