Service Manual



Telephone Equipment Model No. KX-TG2873BXS KX-TGA280BXS

Expandable Digital Cordless Answering System

Silver Version (for Asia, Middle Near East and Other areas)

Please file and use this supplement manual together with the service manual for Model No.KX-TG2873BXS/KX-TGA280BXS, Order No. KM40607135CE.

⚠ WARNING

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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.							
Improve performance	Notes:						
2. Change of material or dimension	Parts with *1 marking have been changed at the same time.						
3. To meet approved specification	Parts with *2 marking have been changed at the same time.						
Standardization	Remark:						
5. Addition	─*o: Request from vender.						
6. Deletion							
7. Correction							
8. Other							

Inte	erchangeability Code	
	he following items (V-Z) indicate the Interchange DMPARISON LISTS.	eability. See the "Notes" column for each part in ORIGINAL AND NEW PARTS
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.
Υ	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.

1.2. ORIGINAL AND NEW PARTS COMPARISON LISTS

Ref. No.	Pa	rt No.	Part Name & Descriptio	n	Pcs/	Remarks	No	tes	Time of Change
	Original (Old)	New			Set				(Suffix)
Base Unit	•								
C41	ECJ0EC1H070C	ECJ0EC1H150J	CAPACITOR, 10pF	*1,*3	1	*0	4	Υ	
C42	ECJ0EC1H050C	ECJ0EC1H090C	CAPACITOR, 27pF	*1,*3	1	*0	4	Υ	
X2	H0D103500006	H0D103500003	CRYSTAL OSCILLATOR	*1,*3	1	*0	4	Υ	
Cordless Han	dset								
C60	ECJ0EC1H180J	ECUE1H100DCQ	CAPACITOR, 10pF	*2,*4	1	*0	4	Υ	
C61	ECJ0EC1H120J	ECUE1H270JCQ	CAPACITOR, 27pF	*2,*4	1	*0	4	Υ	
X1	H0D103500006	H0D103500003	CRYSTAL OSCILLATOR	*2,*4	1	*0	4	Υ	

Note: Parts with *3 will be changed according to the difference of the suffix for IC600.

Ref. No.	Original (Old)		New	
Ref. No.	Part No.	Suffix	Part No.	Suffix
IC600	PFLP1742JPZ	1	PFLP1742JPZ	2
C41	ECJ0EC1H070C		ECJ0EC1H150J	
C42	ECJ0EC1H050C		ECJ0EC1H090C	
X2	H0D103500006		H0D103500003	

Note: Parts with *4 will be changed according to the difference of the suffix for IC700.

Ref. No.	Original (Old	Original (Old)		
Ref. No.	Part No.	Suffix	Part No.	Suffix
IC700	PFLP1760JPZ	1	PFLP1760JPZ	2
C60	ECJ0EC1H180J		ECUE1H100DCQ	
C61	ECJ0EC1H120J		ECUE1H270JCQ	
X1	H0D103500006		H0D103500003	

2 FORMER SUPPLEMENT

ORDER NO. KM40809864SE

Service Manual



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Model No. KX-TG2873BXS
KX-TGA280BXS

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1 CHANGE OF THE SUFFIX CODE

Base Unit

	Suffix Code	Reasons of change
Ī	A to B	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

(Example)

Suffix A to B OOO B123456 Serial No. Label

2 FORMER SUPPLEMENT

ORDER NO. KM40710264SE

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KX-TG2873BXS/KX-TGA280BXS

1 REPLACEMENT PARTS LIST

1.1. REFERENCE PARTS

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:						
2. Change of material or dimension	*c: To share the parts with other models.						
3. To meet approved specification							
4. Standardization							
5. Addition							
6. Deletion							
7. Correction							
8. Other							

Inte	terchangeability Code								
	The following items (V-Z) indicate the Interchangeability. See the "Notes" column for each part in ORIGINAL AND NEW PARTS COMPARISON LISTS.								
٧	Original Early (before change) 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)	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 pa							
х	Original Early (before change) New Late (after change)	New parts only may be used in early or late production sets. Stock new parts.							
Υ	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.

1.2. ORIGINAL AND NEW PARTS COMPARISON LISTS

(for KX-TG2873BXS/KX-TGA280BXS)

Ref. No.	Par	t No.	Part Name & Description	Pcs/	Remarks	Not	es	Time of Change
	Original (Old)	New		Set				(Suffix)
CORDLESS H	CORDLESS HANDSET							
113	PQWE10044Z	PQWE10044Y	Battery Terminal	1	*c	4	V	-

KX-TG2873BXS/KX-TGA280BXS

2 FORMER SUPPLEMENT

ORDER NO. KM40705930SE

Service Manual



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KX-TG2873BXS/KX-TGA280BXS

KX-TG2873BXS/KX-TGA280BXS

1 CORRECTION

1.1. Adjustment of Cordless Handset (Changed from original section 12.7. Adjustment of Cordless Handset)

When IC2 (EEPROM) or IC1 (BBIC) is exchanged, the Bandgap adjustment and the Frequency adjustment are necessary.
When X1 (Xtal) is exchanged, the frequency adjustment is necessary.
Procedure:

1. Open a window of MS-DOS mode from the starp menu.

2. Change directory to the copied folder.
Ex) If you initiatize To28***. you change directory to "\".\"POZZTG******

3. Type "SET_COM 1" from the keyboard (when COM port 1 is used for the connection).

4. Type "readid". Check ID code on PC screen.
If OK (ID is displayed), you take to stop this procedure, and check your PC environment.

Default data resistration

1. Type "eprom_hs_init", you can register a default data to the EEPROM.
2. When you can confirm OK, please do the following adjustment procedure.
3. When it is not OK, please check the IC and soldering then operate step1 again.

Additional data registration

1. Type "eeprom_hs_set", you can register a default data to the EEPROM.
2. When you can confirm data registration as shown in right Example table, please of the following adjustment procedure.
3. When you cannot confirm data registration as shown in right Example table, please of the following adjustment procedure.
3. When you cannot confirm data registration as shown in right Example table, please of the following adjustment procedure.
3. When you cannot confirm data registration as shown in right Example table, please of the following adjustment rocedure.
3. When you cannot confirm data registration as shown in right Example table, please of the following adjustment rocedure.
3. Type "bandgap", you can check registered value of parameter.
4. Type "bandgap", you can check registered value of parameter.

When increasing the voltage, type "current value-1", (Example: 08 — 09)
When decreasing the voltage, type "current value +1", (Example: 08 — 09)
When decreasing the voltage, type "current value +1", (Example: 08 — 09)
When decreasing the voltage, type "current value +1", (Example: 08 — 09)
When decreasing the voltage, type "current value +1", (Example: 08 —

VI

KXTG2873BX KXTGA280BX

> Y.H KXTG2873BXS KXTGA280BXS

4

Y.M KXTG2873BXS KXTGA280BXS

6

H.M. KXTG2873BXS KXTGA280BXS