

Service Manual

Telephone Equipment

Supplement

Model No.

**KX-TS880EXB/KX-TS880EXW/
KX-TS880FXB/KX-TS880FXW/
KX-TS880LXB/KX-TS880LXW/
KX-TS880MXB/KX-TS880MXW/
KX-TS880MLW/KX-TS880NDB/
KX-TS880NDW/KX-TS880SAW/
KX-TS881MXB/KX-TS881MXW/
KX-TS889MXW/KX-TS2388RUB/
KX-TS2388RUW/KX-TS2388CAB/
KX-TS2388CAW/KX-TS2388UAB/
KX-TS2388UAW**

Integrated Telephone System

B: Black 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-TS880EXB/KX-TS880EXW	Western Europe and Cyprus	KM41012300CE	---	---
KX-TS880FXB/KX-TS880FXW	Eastern Europe, Egypt and Jordan	KM41012299CE	---	---
KX-TS880LXB/KX-TS880LXW	Latin America	KM41010284CE	---	---
KX-TS880MXB/KX-TS880MXW	Middle East and Asia	KM41010286CE	---	---
KX-TS880MLW	Malaysia	KM41110510CE	---	---
KX-TS880NDB/KX-TS880NDW	Singapore and Indonesia	KM41011291CE	---	---
KX-TS880SAW	South Africa	KM41012301CE	---	---
KX-TS881MXB/KX-TS881MXW	Hong Kong, Thailand and Vietnam	KM41011288CE	---	---
KX-TS889MXW	UAE	KM41105383CE	---	---
KX-TS2388RUB/KX-TS2388RUW/KX-TS2388CAB/KX-TS2388CAW/ KX-TS2388UAB/KX-TS2388UAW	Russia, Central Asia and Ukraine	KM41010283CE	---	---

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: *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-TS880EX, FX

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)							
Q201, Q407, Q482, Q602, Q603	UNR5213J0L	B1GBCFNN0035	TRANSISTOR(SI)	5	*m	8	V ---
D103	MA4051	PQVDMZJ5R1B	DIODE(SI)	1	*m	8	V ---

For KX-TS880LX, MX, KX-TS2388RU/CA/UA

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)							
Q201, Q407, Q482, Q602, Q603	UNR5213J0L	B1GBCFNN0035	TRANSISTOR(SI)	5	*m	8 V	---
D103	MA4051	PQVDMZJ5R1B	DIODE(SI)	1	*m	8 V	---

For KX-TS880ML

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)							
Q407, Q482, Q602, Q603	UNR5213J0L	B1GBCFNN0035	TRANSISTOR(SI)	4	*m	8 V	---
D103	MA4043	B0BA4R300009	DIODE(SI)	1	*m	8 V	---
C4	ECEA1HKS4R7	F2A1H4R70014	CAPACITOR, 4.7μF	1	*m	8 V	---
C5	ECEA1HKA010	ECEA1HKS010	CAPACITOR, 1μF	1	*m	8 V	---
C106	ECEA0JK331	ECEA0JKA331	CAPACITOR, 330μF	1	*m	8 V	---
C410	ECEA1CKA100	F2A1C1000030	CAPACITOR, 10μF	1	*m	8 V	---

For KX-TS880ND

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)							
Q407, Q482, Q602, Q603	UNR5213J0L	B1GBCFNN0035	TRANSISTOR(SI)	4	*m	8 V	---
D103	MA4043	B0BA4R300009	DIODE(SI)	1	*m	8 V	---
C114	ECA1CM471	F2A1C471C111	CAPACITOR, 470pF	1	*m	8 V	---

For KX-TS880SA

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)							
Q182, Q183, Q407, Q482, Q602, Q603	UNR5213J0L	B1GBCFNN0035	TRANSISTOR(SI)	6	*m	8 V	---
D103	MA4043	B0BA4R300009	DIODE(SI)	1	*m	8 V	---
C118	F2A1C100B564	F2A1H100A990	CAPACITOR, 10μF	1	*m	8 V	---

For KX-TS881MX

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)							
Q201, Q407, Q482, Q602, Q603	UNR5213J0L	B1GBCFNN0035	TRANSISTOR(SI)	5	*m	8 V	---
D11, D12	MA4300	PQVDMZJ30DT	DIODE(SI)	2	*m	8 V	---
D103	MA4051	PQVDMZJ5R1B	DIODE(SI)	1	*m	8 V	---

For KX-TS889MX

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)							
Q201, Q407, Q482, Q602, Q603	UNR5213J0L	B1GBCFNN0035	TRANSISTOR(SI)	5	*m	8 V	---
D103	MA4051	PQVDMZJ5R1B	DIODE(SI)	1	*m	8 V	---
D108, D201, D202, D401, D402, D403, D404, D505, D551, D552, D553, D554, D801	MA111	DA2J10100L	DIODE(SI)	13	*m	8 V	---
Operational P.C. Board Parts (Base Unit)							

Ref. No.	Part No.		Part Name & Description	Pcs/ Set	Remarks	Notes		Time of Change (Suffix)
	Original (Old)	New						
D861, D885, D886, D887, D888, D889, D890, D891, D892	MA111	DA2J10100L	DIODE(SI)	9	*m	8	V	---

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