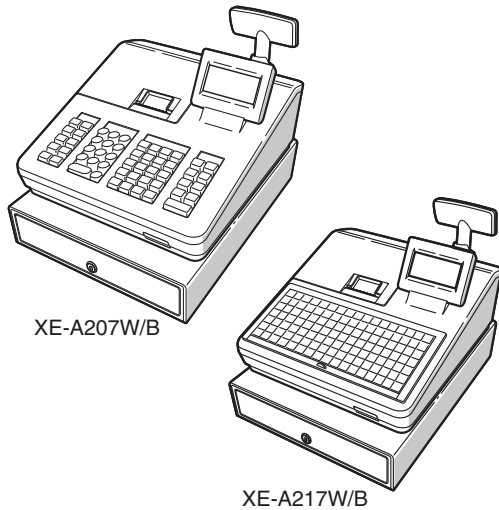


SHARP PROGRAMMING MANUAL

CODE : 00ZXEA207PM2E

LEAD-FREE SOLDER MODEL



ELECTRONIC CASH REGISTER

XE-A207

XE-A217

MODEL XE-A307

CONTENTS

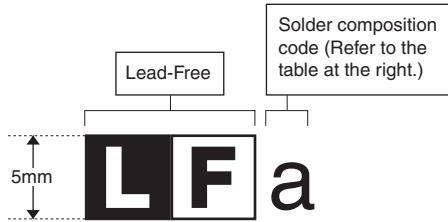
CHAPTER 1. MASTER RESET	1
CHAPTER 2. PGM MODE	3
CHAPTER 3. SRV MODE.....	35
CHAPTER 4. SD CARD MODE	38

Parts marked with "▲" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

■ LEAD-FREE SOLDER

The PWB's of this model employ lead-free solder. The "LF" marks indicated on the PWB's and the Service Manual mean "Lead-Free" solder. The alphabet following the LF mark shows the kind of lead-free solder.

Example:



<Solder composition code of lead-free solder>

Solder composition	Solder composition code
Sn-Ag-Cu	a
Sn-Ag-Bi Sn-Ag-Bi-Cu	b
Sn-Zn-Bi	z
Sn-In-Ag-Bi	i
Sn-Cu-Ni	n
Sn-Ag-Sb	s
Bi-Sn-Ag-P Bi-Sn-Ag	p

(1) NOTE FOR THE USE OF LEAD-FREE SOLDER THREAD

When repairing a lead-free solder PWB, use lead-free solder thread. Never use conventional lead solder thread, which may cause a breakdown or an accident.

Since the melting point of lead-free solder thread is about 40°C higher than that of conventional lead solder thread, the use of the exclusive-use soldering iron is recommendable.

(2) NOTE FOR SOLDERING WORK

Since the melting point of lead-free solder is about 220°C, which is about 40°C higher than that of conventional lead solder, and its soldering capacity is inferior to conventional one, it is apt to keep the soldering iron in contact with the PWB for longer time. This may cause land separation or may exceed the heat-resistive temperature of components. Use enough care to separate the soldering iron from the PWB when completion of soldering is confirmed.

Since lead-free solder includes a greater quantity of tin, the iron tip may corrode easily. Turn ON/OFF the soldering iron power frequently.

If different-kind solder remains on the soldering iron tip, it is melted together with lead-free solder. To avoid this, clean the soldering iron tip after completion of soldering work.

If the soldering iron tip is discolored black during soldering work, clean and file the tip with steel wool or a fine filer.

CAUTIONS

THERE IS A RISK OF EXPLOSION IF THE BATTERY IS REPLACED BY AN INCORRECT TYPE.
PROPERLY DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

CAUTIONS

- Risk of explosion if battery is replaced by an incorrect type.
Dispose of batteries according to the instructions.
- Do not leave the unit with the battery discharged for more than one month.
It will shorten the battery life.
If the unit is left unused for a long period, be sure to charge the battery fully.
Also note that the battery must be charged periodically (once a month) because it will discharge naturally.

CHAPTER 1. MASTER RESET

This programming is chiefly performed when the ECR is shipped, installed, or serviced.

1. MASTER RESET

Master resetting clears the entire memory and resumes initial values. Initial values of language can be selected one from following 5 kinds.

- 1 English
- 2 German
- 3 French
- 4 Spanish
- 5 Swedish

Master resetting can be accomplished by using the following "Procedure 1" or "Procedure 2".

■ PROCEDURE 1

- 1) Unplug the AC cord from the wall outlet.
- 2) Remove 2 dry batteries and wait for 1 minute.
- 3) Plug in the AC cord to the wall outlet.
- 4) Language selection menu is displayed. Push the corresponding number key.

```

Push the number key.
[1] English
[2] Deutsch
[3] Français
[4] Español
[5] Svenska
XE-A207/A217 V1.06
    
```

- 5) Set current date/time and push [TL/NS] key.

```

DATE/TIME
DATE 01/01/2011
TIME 0000
PGM 01
    
```

- 6) Set tax rate and push [TL/NS] key.

```

TAX RATE
TAX1 0.0000%
TAX2 0.0000%
TAX3 0.0000%
TAX4 0.0000%
PGM 01
    
```

- 7) Set mode pass code and push [TL/NS] key.

```

MODE PASS CODE
VOID MODE 0000
OPXZ 0000
FLASH 0000
X1 0000
Z1 0000
X2Z2 0000
PGM 01
    
```

- 8) Set manager pass code and push [TL/NS] key.

```

MANAGER
PASS CODE 0000
PGM 01
    
```

- 9) Set logo message and push [TL/NS] key.

```

RECEIPT LOGO
THANK YOU
FOR YOUR
PURCHASE
WE ARE LO
FORWARD T
YOUR NEXT
PGM A 01
    
```

- 10) REG mode screen is displayed.

```

***TOTAL 0.00
NO BATTERY
REG 01
    
```

- 11) Insert 2 dry batteries.

■ PROCEDURE 2

- 1) Unplug the AC cord from the wall outlet.
- 2) Push [receipt paper feed] key and [CL] key.
- 3) Plug in the AC cord to the wall outlet during the depression of above 2 keys.
- 4) Language selection menu is displayed. Push the corresponding number key.

```

Push the number key.
[1] English
[2] Deutsch
[3] Français
[4] Español
[5] Svenska
XE-A207/A217 V1.06
    
```

- 5) Set current date/time and push [TL/NS] key.

```

DATE/TIME
DATE 01/01/2011
TIME 0000
PGM 01
    
```

- 6) Set tax rate and push [TL/NS] key.

```

TAX RATE
TAX1      0.0000%
TAX2      0.0000%
TAX3      0.0000%
TAX4      0.0000%
PGM                               01
  
```

- 7) Set mode pass code and push [TL/NS] key.

```

MODE PASS CODE
VOID MODE 0000
OPX2      0000
FLASH     0000
X1        0000
Z1        0000
X2Z2     0000
PGM                               01
  
```

- 8) Set manager pass code and push [TL/NS] key.

```

MANAGER
PASS CODE 0000
PGM                               01
  
```

- 9) Set logo message and push [TL/NS] key.

```

RECEIPT LOGO
THANK YOU
FOR YOUR
PURCHASE
WE ARE LO
FORWARD T
YOUR NEXT
PGM                               01
  
```

- 10) REG mode screen is displayed.

```

***TOTAL 0.00
REG                               01
  
```

2. PROGRAM RESET

Program resetting resumes the initial program without clearing memory.

This operation must be performed with batteries loaded.

- 1) Unplug the AC cord from the wall outlet.
- 2) Push [receipt paper feed] key and [0] key.
- 3) Plug in the AC cord to the wall outlet during the depression of above 2 keys.
- 4) MODE menu screen is displayed.

```

SELECT MODE
1 OPX2 MODE
2 OFF MODE
3 VOID MODE
4 X1/Z1 MODE
5 X2/Z2 MODE
MODE                               01
  
```

CHAPTER 2. PGM MODE

1. MAJOR KEYS USED IN THE PGM MODE

1-1. BASIC OPERATION KEY

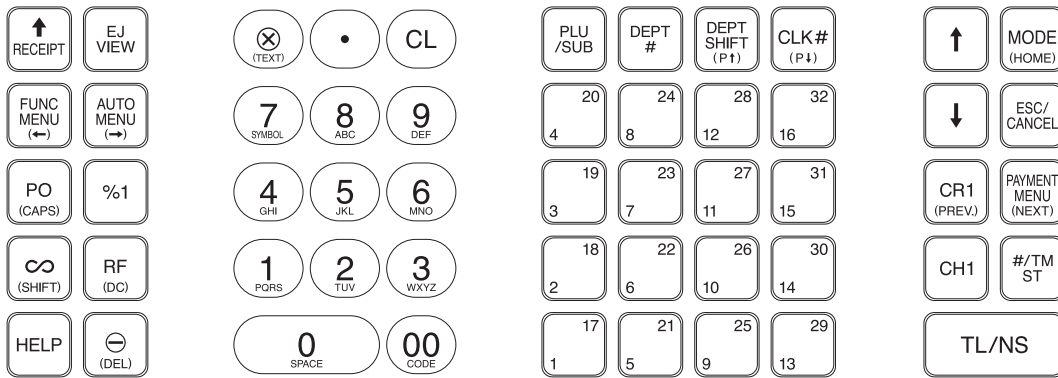
KEY	NAME	Action
↑	CURSOR UP	Move cursor to up (1 character)
↓	CURSOR DOWN	Move cursor to down (1 character)
→	CURSOR RIGHT	Move cursor to right (1 character)
←	CURSOR LEFT	Move cursor to left (1 character)
P ↑	PAGE UP	Move cursor to up (1 page)
P ↓	PAGE DOWN	Move cursor to down (1 page)
DEL	DELETE	Delete (Delete 1 record)
CL	CLEAR	Clear numeric entry or error message
CANCEL	CANCEL	Operation cancel & back to previous menu
TL	ALL ENTER	All entry terminate
ST	SELECTABLE VALUE LIST	<ul style="list-style-type: none">• Show the selectable value list• Select item and hide the list (only toggle list)
• (DECIMAL POINT)	TOGGLE SELECT	Selection switching (On the entry item and selectable value list)
NEXT	NEXT RECORD	Move to the same item of the next record. In case of detail setting of DEPT/PLU/EAN can be used. If next record does not be exist, display is back to previous menu.
PREV.	PREVIOUS RECORD	Move to the same item of the previous record. Same as NEXT RECORD operation.

1-2. TEXT INPUT MODE

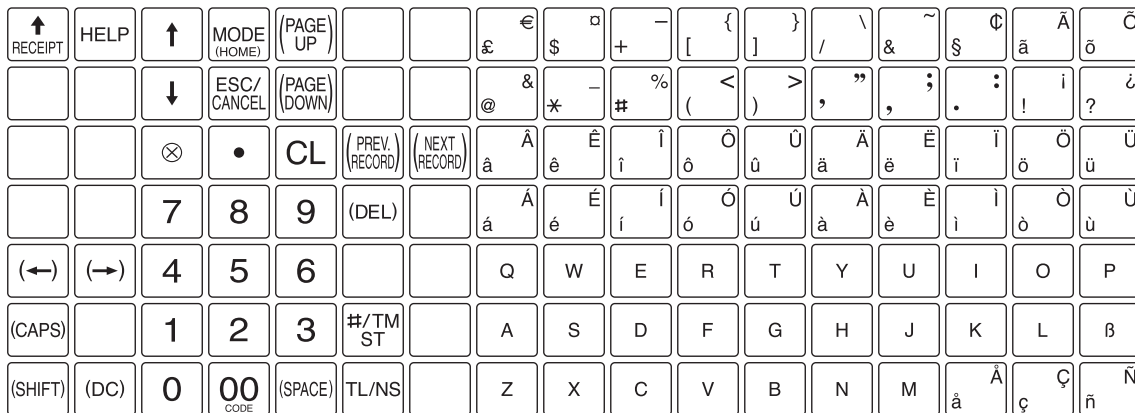
KEY	Action
DEL	Delete (Delete 1 character)
DC	Change character entry mode <Double/Normal>
SHIFT	Change character entry mode <Capital/Small>
CAPS	Change CAPS mode <CAPS ON/OFF>
00	Character code entry
• (DECIMAL POINT)	Reverse rotation (for Multi tapping entry)
TEXT	Change character mode (for Multi tapping entry)

1-3. KEY LAYOUT

XE-A207W/A207B



XE-A217W/A217B



2. CHARACTER ENTRY METHOD

2-1. MOBILE PHONE METHOD (XE-A207W/A207B ONLY)

■ Entering alphanumeric characters

To enter a character, simply press a corresponding character key on the programming keyboard.

To enter "A", press the "8" key.

To enter "B", press the "8" key twice.

To enter "C", press the "8" key three times.

2-2. PC KEYBOARD METHOD (XE-A217W/A217B ONLY)

To enter a character using the primary character are located on PLU direct key area.

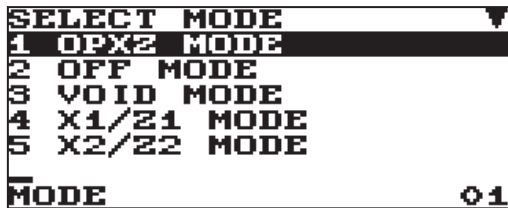
3. GENERAL

■ PURPOSE

The PGM mode programming is chiefly used when installing the ECR or programming the functions that the manager has selected.

■ OPERATION

1) Press the [MODE] key. The following mode screen is displayed.



2) Move the cursor to [6 PGM MODE] by using the [↑] or [↓] key, and press the [TL/NS] key. Or Enter the [6] key and press the [TL/NS] key.

■ MENU LIST

Tree1		Tree2		Tree3		Tree4		
1	READING	1	DEPARTMENT					
		2	PLU(XE-A207W/B, XE-A217W/B)					
			PLU/EAN(XE-A307)	1	RANGE			
				2	PICK UP		1	NEW PICKING
							2	LAST PICKING
				3	EAN OTHERS			
		3	FUNCTIONS					
		4	MEDIA					
		5	FUNCTION TEXT					
		6	CLERK					
		7	MANAGER					
		8	MODE PASS CODE					
		9	TRAINING CLK					
		10	OPTIONAL					
		11	REPORT					
		12	MESSAGE					
13	DEVICE CONFIG							
14	TAX							
15	AUTO KEY							
16	ROM VERSION							
2	SETTING	1	ARTICLE	1	DEPARTMENT	01	DEPT.01	
					-			
					99	DEPT.99		
				2	PLU (XE-A207W/B, XE-A217W/B)	00001	PLU00001	
					-			
					99999	PLU99999		
			PLU/EAN(XE-A307)	00001	PLU00001			
			-					
			99999	PLU99999				
		3	PLU RANGE					
		4	EAN NON-PLU(XE-A307 ONLY)					
		5	EAN DELETE(XE-A307 ONLY)					

Tree1		Tree2		Tree3		Tree4	
2	SETTING	2	FUNCTIONS	1	(-)		
				2	%1		
				3	%2		
				4	RA		
				5	PO		
				6	CID (sentinel)		
				7	CHK/CG		
				8	CA/CHK		
		3	MEDIA	1	CASH		
				2	CHECK1		
				3	CHACK2		
				4	CREDIT1		
				5	CREDIT2		
				6	FOREIGN CURRENCY		
		4	FUNCTION TEXT (XE-A207W/B, XE-A217W/B)	1	NET1		
				2	DIFFER		
				3	TAX1 ST		
				4	TAX2 ST		
				5	TAX3 ST		
				6	TAX4 ST		
				7	VAT 1		
				8	VAT 2		
				9	VAT 3		
				10	VAT 4		
				11	TTL TAX		
				12	NET		
				13	NET2		
				14	REFUND		
				15	VOID		
				16	VOID MODE		
				17	MGR VOID		
				18	SBTL VOID		
				19	HASH VOID		
				20	HASH RF		
				21	BILL CNT		
				22	NO SALE		
23	SCM(+)						
24	SCM(-)						
25	GUEST						
26	PAID TL						
27	AVE.						
28	EX1 CHK						
29	EX1 CR						
30	DOM.CUR1						
31	DOM.CUR2						
32	DOM.CUR1 CHK						
33	DOM.CUR1 CR						
34	*CH ID						
35	CA/CHK ID						
36	GROUP01						

Tree1		Tree2		Tree3		Tree4							
2	SETTING	4	FUNCTION TEXT (XE-A207W/B, XE-A217W/B)	37	GROUP02								
				38	GROUP03								
				39	GROUP04								
				40	GROUP05								
				41	GROUP06								
				42	GROUP07								
				43	GROUP08								
				44	GROUP09								
				45	*DEPT TL								
				46	DEPT(-)								
				47	*HASH TL								
				48	HASH(-)								
				49	***TOTAL								
				50	SUBTOTAL								
				51	SCM TTL								
				52	#								
				53	ITEMS								
				54	MDSE ST								
				55	NET 1								
				56	NET 2								
				57	NET 3								
				58	NET 4								
				59	TTL VAT								
				60	DUE								
				61	CHANGE								
				62	COPY								
				63	BILL CNT								
				64	RCP SW.								
				65	TOWNNAME								
				66	TOWNNAME								
				67	VAT SFT(XE-A217W/B ONLY)								
				68	TAX DELE(XE-A217W/B ONLY)								
				69	***PBAL(XE-A217W/B ONLY)								
				70	***NBAL(XE-A217W/B ONLY)								
				71	ORDER TL(XE-A217W/B ONLY)								
				72	O-P(XE-A217W/B ONLY)								
				73	OLD BAL.(XE-A217W/B ONLY)								
				74	BALANCE(XE-A217W/B ONLY)								
				75	OPEN GLU(XE-A217W/B ONLY)								
				76	GLU#(XE-A217W/B ONLY)								
						4	FUNCTION TEXT (XE-A307)	1	NET1				
										2	DIFFER		
										3	TAX1 ST		
										4	TAX2 ST		
										5	TAX3 ST		
										6	TAX4 ST		
										7	VAT 1		
										8	VAT 2		
										9	VAT 3		
										10	VAT 4		

Tree1		Tree2		Tree3		Tree4	
2	SETTING	4	FUNCTION TEXT (XE-A307)	11	TTL TAX		
				12	NET		
				13	NET2		
				14	REFUND		
				15	VOID		
				16	VOID MODE		
				17	MGR VOID		
				18	SBTL VOID		
				19	HASH VOID		
				20	HASH RF		
				21	BILL CNT		
				22	NO SALE		
				23	SCM(+)		
				24	SCM(-)		
				25	GUEST		
				26	PAID TL		
				27	AVE.		
				28	EX1 CHK		
				29	EX1 CR		
				30	DOM.CUR1		
				31	DOM.CUR2		
				32	DOM.CUR1 CHK		
				33	DOM.CUR1 CR		
				34	*CH ID		
				35	CA/CHK ID		
				36	GROUP01		
				37	GROUP02		
				38	GROUP03		
				39	GROUP04		
				40	GROUP05		
				41	GROUP06		
				42	GROUP07		
				43	GROUP08		
				44	GROUP09		
				45	*DEPT TL		
				46	DEPT(-)		
				47	*HASH TL		
				48	HASH(-)		
				49	CA/CHK IS		
				50	EXCH1 IS		
				51	CCD DIF.		
				52	DIF. TL		
				53	***TOTAL		
				54	SUBTOTAL		
				55	SCM TTL		
				56	CCD		
				57	#		
				58	ITEMS		
				59	MDSE ST		
				60	NET 1		

Tree1		Tree2		Tree3		Tree4					
2	SETTING	4	FUNCTION TEXT (XE-A307)	61	NET 2						
				62	NET 3						
				63	NET 4						
				64	TTL VAT						
				65	DUE						
				66	CHANGE						
				67	COPY						
				68	BILL						
				69	RCP SW.						
				70	OVCS REMAIN						
				71	TOWNNAME						
				72	TOWNNAME						
				5	PERSONNEL	1	CLERK	01	CLERK01		
								-			
	25	CLERK25									
	2	MANAGER									
			3			MODE PASS CODE	VOID MODE				
	OPXZ										
	FLASH										
	X1										
	Z1										
	X2Z2										
	PGM										
	4	TRAINING CLERK	SD CARD								
			CODE								
			TEXT (Sweden fiscal is fixed)								
6	TERMINAL	MACHINE#									
		VAT ID									
		CONSECUTIVE# (Sweden fiscal is fixed)									
		GT2(Sweden fiscal is fixed)									
		GT3(Sweden fiscal is fixed)									
7	DATE/TIME	DATE									
		TIME									
8	OPTIONAL	1	BASIC SYSTEM	DATE FORMAT							
				TIME FORMAT							
				ERROR							
				CURRENCY SYMBOL							
				TAB (Sweden fiscal is fixed)							
				DECIMAL QUANTITY (Sweden fiscal is fixed)							
				DECIMAL ROUND							
				HALO FUNC.							
				[00]KEY							
				PRT/DSP EDIT							
				ITEM DISPLAY							

Tree1		Tree2		Tree3		Tree4	
2	SETTING	8	OPTIONAL	2	ROUNDING	ROUND100 (Rounding system)	
						ROUND10 (Rounding up/down of the units digit of amount)	
						ROUND FOR (Application of rounding)	
						CH/CR ROUND	
						ROUND PRINT	
						DIFFER MEMORY	
						ITEM ENT	
						PAYMENT ENT	
				3	FUNC.PROHIBIT	NON-ADD	
						NON-ADD + NS	
						MINUS DEPT	
						HASH DEPT	
						COPY RCPT (Sweden fiscal is fixed)	
						VOID MODE (Sweden fiscal is fixed)	
						SUBTOTAL<0	
						TEND+DIRECT	
				4	FUNC.AUTHORITY	RA	
						PO	
						REFUND	
						ITEM VD (XE-A207W/B ONLY)	
						NO ISSUED VD (XE-A217W/B ONLY)	
						ISSUED VD (XE-A217W/B ONLY)	
						SBTL VD (Sweden fiscal is fixed)	
						NO SALE	
				5	FUNCTION SELECT	LV.SFT MODE (XE-A217W/B ONLY)	
						LV.SFT TYPE (XE-A217W/B ONLY)	
						RETURN TO L (XE-A217W/B ONLY)	
						GLU# ENTRY (XE-A217W/B ONLY)	
						GLU CLK CHECK (XE-A217W/B ONLY)	
						SPLIT COUNT	
						CR IN RA/PO	
						VD MODE TO HOURLY	
						ST BEFORE DIRECT	
						ST BEFORE TEND	
						NS RECEIPT	
						RCPT CONTENTS (Sweden fiscal is fixed)	
AFTER TRANS. (Sweden fiscal is fixed)							
E.J. FULL (Sweden fiscal is fixed)							

Tree1		Tree2		Tree3		Tree4		
2	SETTING	8	OPTIONAL	6	PRINT SELECT	CONSECUTIVE NO. (Sweden fiscal is fixed)		
						DATE (Sweden fiscal is fixed)		
						TIME (Sweden fiscal is fixed)		
						PURCHASE NO. (Sweden fiscal is fixed)		
						TAX STATUS (Sweden fiscal is fixed)		
						TAXABLE (Sweden fiscal is fixed)		
						TAX (Sweden fiscal is fixed)		
						TAX (TAXABLE=0)		
						TAX (TAX=0)		
						NET (Sweden fiscal is fixed)		
						SPLIT ENTRY		
						ST AT ST KEY		
						LOGO FORM		
						FOOTER		
						0 AMT PLU		
		ITEM JOURNAL (Sweden fiscal is fixed)						
		LOGO ON JOURNAL (Sweden fiscal is fixed)						
		BILL ON JOURNAL (Sweden fiscal is fixed)						
						7	EAN FUNCTION (XE-A307 ONLY)	LEARNING
								LOOKUP AT RF
						CODE PRINT		
						C/D CHECK		
						EURO CONVERT		
				7 (XE-A307 is 8)	EXCHANGE FUNCTION	PAY FOR EX1		
						EX1 CALC.		
						TTL&CHANGE		
						ST SHORT TEND		
				8 (XE-A307 is 9)	EURO CHANGE (Sweden fiscal is fixed)	DATE		
						TIME		
						PRICE CONVERT		
						EURO JOB		
		9	REPORT	1	0 SKIP	DEPARTMENT		
						TRANSACTION		
						PLU		
						CLERK		
						HOURLY		
						DAILY NET		

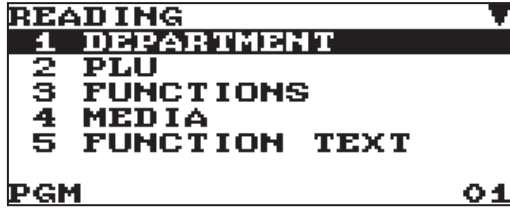
Tree1		Tree2		Tree3		Tree4	
2	SETTING	9	REPORT	2	PRINT SELECT	SEPARATOR LINE	
						Z COUNTER (Sweden fiscal is fixed)	
						GT1 ON Z (Sweden fiscal is fixed)	
						GT2 ON Z (Sweden fiscal is fixed)	
						GT3 ON Z (Sweden fiscal is fixed)	
						BAL GT ON Z (XE-A217W/B ONLY)	
						TR GT ON Z (Sweden fiscal is fixed)	
						GT1 ON X (Sweden fiscal is fixed)	
						GT2 ON X (Sweden fiscal is fixed)	
						GT3 ON X (Sweden fiscal is fixed)	
						TR GT ON X (Sweden fiscal is fixed)	
						VD MODE ON X1Z1 (Sweden fiscal is fixed)	
						VD MODE ON X2Z2	
						PLU DATA ON Z	
				EJ DATA ON Z			
				EJ SIZE			
				3	Z COUNTER	GENERAL Z1 (Sweden fiscal is fixed)	
						GENERAL Z2	
				4	Z1 GENERAL REPORT	SD: SAVE SALES	
						SD: SAVE EJ	
						SD: SAVE ALL RAM	
						CLEAR EJ (Sweden fiscal is fixed)	
						RESET BAL GT (XE-A217W/B ONLY)	
						RESET GT (Sweden fiscal is fixed)	
		5	HOURLY REPORT	MEMORY TYPE			
				START TIME			
		6	E.JOURNAL (XE-A207W/B,XE-A217W/B) JOURNAL(XE-A307)	STORE TO SD			
TR DATA STORE (Sweden fiscal is fixed)							
X DATA STORE (Sweden fiscal is fixed)							
7	CCD (XE-A307 ONLY)	CCD					
		LOCK OF REG					
		LOCK OF X					
10	MESSAGE	1	RECEIPT LOGO				
		2	E.BILL MESSAGE (Sweden fiscal can not use. Only for Deutchsh)				
11	DEVICE CONFIG	1	KEYBOARD	BUFFERING			
				TOUCH SOUND (Sweden fiscal is fixed)			
		2	DISPLAY	POWER SAVE			
				P.SAVE AT TM (Power saving during time display)			
		3	PRINTER	DENSITY			

Tree1		Tree2		Tree3		Tree4	
2	SETTING	11	DEVICE CONFIG	4	RS PORT (XE-A307 ONLY)	USE	
				4 (XE-A307 is 5)	ONLINE	TERMINAL No.	
						CI SIGNAL	
						LINE FORM	
						BAUD RATE	
						START CODE	
						END CODE	
				TIME OUT			
				6	SCANNER	TYPE	
						BAUD RATE	
						DATA BIT	
						PARITY	
						STOP BIT	
						ITF14	
				5 (XE-A307 is 7)	CONTROL UNIT (Sweden fiscal is fixed)	TYPE	
		BAUD RATE					
		12	TAX	1	TAX SYSTEM		
						2	TAX1
				RATE SIGN			
				LOWER TAX			
				3	TAX2	TAX RATE	
						RATE SIGN	
						LOWER TAX	
4	TAX3			TAX RATE			
				RATE SIGN			
				LOWER TAX			
5	TAX4	TAX RATE					
		RATE SIGN					
		LOWER TAX					
13	AUTO KEY	1	KEY TEXT				
		2	KEY SEQUENCE				

4. READING

■ OPERATION

- 1) Select the PGM from the mode selection window.
- 2) Select "1 READING" from the PGM mode menu to display the items list.
- 3) Select an item listed in the display.



■ SAMPLE PRINTOUTS

DEPARTMENT

Mode title	*PGM*		Tax status
Report title	DEPARTMENT		Unit price
Dept. code	D01	0.00	Function programming
Description	DPT. 01	T1 01	01
Group no.	G01	L999999.99	Amount entry type ^{*1}
	D02	12.00	SICS ^{*1}
	DPT. 02	T1 03	HALO limit
	G01	L999999.99	
	D03	0.00	
	DPT. 03	T1 01	
	G01	L999999.99	

*1:

SICS	0	NO
	1	YES
Amount entry type	0	Inhibit
	1	Open
	2	Preset
	3	Open & Preset

PLU

Report title	*PGM*		Associated dept code
PLU			Amount Entry type ²
PLU code	P00001	(01)	2
Description	PLU00001		1.20
	P00002	(02)	2
	PLU00002		4.50
	P00003	(02)	2
	PLU00003		3.10
	P00004	(01)	2
	PLU00004		4.50
	P00005	(01)	2
	PLU00005		2.25
	P00006	(01)	2
	PLU00006		0.00
	P00007	(02)	2
	PLU00007		2.10
	P00008	(01)	2
	PLU00008		1.20
	P00009	(01)	2
	PLU00009		0.00
	P00010	(02)	2
	PLU00010		8.20

*2:

Amount Entry type	0	Inhibit
	1	Open
	2	Preset
	3	Open & Preset

FUNCTIONS

Report title	*PGM*		Sign (plus/minus)
FUNCTIONS			
Function text	(-)	-0.00	
	IS	L2.00	
	%1	-0.00%	
Type I=Item	S	L100.00%	Rate
S=Subtotal	%2	-0.00%	
Blank=No	I	L100.00%	
	***RA	L9999999.99	
	***PO	L9999999.99	
	***CTD	L9999999.99	
	CHK/CG	L999999.99	
	CA/CHK	L999999.99	(Sweden: Not print)

MEDIA

Report title	*PGM*		
MEDIA			
Function text	CASH	L999999.99 00	*3
	CHECK1	L999999.99 00	*3
	CHECK2	L999999.99 00	*3
	CREDIT1	L999999.99 00	*3
	CREDIT2	L999999.99 00	*3
	PRESET RATE	ENABLE	
	EXCH1	1.550220 2	Tab
	OPEN RATE	ENABLE	
	EXCH2	2	Rate

*3:

Footer print on Receipt	0	NO
	1	YES
Entry of amount tendered	0	Non-compulsory (for Cash, Check) Inhibit (for Credit)
	1	Compulsory

FUNCTION TEXT

Report title	*PGM*		
FUNCTION TEXT			
	NET 1	NET 1__12	Function Text (Default)/ Function Text (Preset)
	DIFFER	DIFFER	
	TAX1 ST	TAX1 ST	

CLERK

PGM		
Report title	CLERK	
Clerk code	CLK#01	CLERK01
		0 0000
	CLK#02	CLERK02
		0 0000
	CLK#03	CLERK03
		0 0000
	CLK#04	CLERK04
		0 0000

Clerk name
Auto key operation *4 /Pass code

*4:

Auto key operation	0	ENABLE
	1	DISABLE

MANAGER

PGM		
Report title	MANAGER	
Pass code	PASS CODE	9999

MODE PASS CODE

PGM		Mode title
Report title	MODE PASS CODE	
Pass Code	VOID MODE	0000
	OPXZ	0000
	FLASH	0000
	X1	0000
	Z1	0000
	X2Z2	0000
	PGM	0000
	SD CARD	0000

TRAINING CLK

PGM		
Report title	TRAINING CLK	
Training clerk code	CODE	00
Training mode title text (Sweden: Not print)	TEXT	TRAINING

OPTIONAL

PGM		Report title
Report title	OPTIONAL	
Subtitle	BASIC SYSTEM	
	DATE FORMAT	DMY
	TIME FORMAT	24-HOUR
	ERROR	LOCK ERROR
	CURRENCY SYMBOL	*
(Sweden: Not Print)	TAB	2
	DECIMAL QUANTITY	YES
	DECIMAL ROUND	ROUND
(Sweden: Not Print)	OVERLAPPED CLERK	NO
	HALO FUNC.	INVALID
	[00]KEY	[00]
	PRT/DSP EDIT	YES
	ITEM DISPLAY	2-LINE
Subtitle	ROUNDING	
	ROUND100	NORMAL
	ROUND10	00
	ROUND FOR	ITEM&TOTAL
	CH/CR ROUND	YES
	ROUND PRINT	NO
(Sweden: Not Print)	DIFFER MEMORY	NO
	ITEM ENT	ANY
	PAYMENT ENT	ANY
Subtitle	FUNC. PROHIBIT	
	NON-ADD	ENABLE
	NON-ADD + NS	ENABLE
	MINUS DEPT	ENABLE
	HASH DEPT	ENABLE
	COPY RCPT	ENABLE
(Sweden: Not Print)	VOID MODE	ENABLE
	SUBTOTAL<0	ENABLE
	TEND+DIRECT	ENABLE
Subtitle	FUNC. AUTHORITY	
	RA	PUBLIC
	PO	PUBLIC
	REFUND	PUBLIC
	ITEM VD	PUBLIC
	NO ISSUED VD	PUBLIC
	ISSUED VD	PUBLIC
(Sweden: Not Print)	SBTL VD	PUBLIC
	NO SALE	PUBLIC
Subtitle	FUNCTION SELECT	
	LV. SFT MODE	PUBLIC
	LV. SFT TYPE	AUTO
	RETURN TO L1	RECEIPT
	GLU# ENTRY	AUTO
	GLU CLK CHECK	NO

REPORT

SPLIT COUNT	QUANTITY	
CR IN RA/PO	NON	
VD MODE TO HOULY	NO	
ST BEFORE DIRECT	NOT	
ST BEFORE TEND	NOT	
NS RECEIPT	PRINT	
RCPT CONTENTS	DETAIL	(Sweden: Not Print)
AFTER TRANS.	DETAIL	(Sweden: Not Print)
E. J. FULL	CONTINUE	(Sweden: Not Print)
PRINT SELECT ————— Subtitle		
CONSECUTIVE NO.	YES	(Sweden: Not Print)
DATE	YES	(Sweden: Not Print)
TIME	YES	(Sweden: Not Print)
PURCHASE NO.	NO	(Sweden: Not Print)
TAX STATUS	NO	(Sweden: Not Print)
TAXABLE	YES	(Sweden: Not Print)
TAX	YES	(Sweden: Not Print)
TAX (TAXABLE=0)	NO	
TAX (TAX=0)	NO	
NET	YES	
SPLIT ENTRY	FORMAT1	
ST AT ST KEY	NO	
LOGO FORM	PATTERN6	
FOOTER	ALL	
O AMT PLU	TEXT ONLY	
ITEM JOURNAL	ALL	(Sweden: Not Print)
LOGO ON JOURNAL	NO	(Sweden: Not Print)
BILL ON JOURNAL	NO	(Sweden: Not Print)
EAN FUNCTION ————— Subtitle		
LEARNING	ENABLE	
LOOKUP AT RF	YES	
CODE PRINT	NO	
C/D CHECK	YES	
EURO CONVERT	NO	(Sweden: Not Print)
EXCHANGE FUNCTION ————— Subtitle		
PAY FOR EX1	CASH	
EX1 CALC.	MULTI.	
TTL&CHANGE	DOMESTIC	
ST SHORT TEND	PRINT	
EURO CHANGE ————— Subtitle (Sweden: Not Print)		
DATE	00/00/2000	(Sweden: Not Print)
TIME	00	(Sweden: Not Print)
PRICE CONVERT	YES	(Sweden: Not Print)
EURO JOB	NON-COMPUL.	(Sweden: Not Print)

PGM	
REPORT	Report title
0 SKIP	Subtitle
DEPARTMENT	SKIP
TRANSACTION	SKIP
PLU	SKIP
CLERK	SKIP
HOURLY	SKIP
DAILY NET	SKIP
PRINT SELECT ————— Subtitle	
SEPARATOR LINE	YES
Z COUNTER	YES
GT1 ON Z	YES
GT2 ON Z	YES
GT3 ON Z	YES
BAL GT ON Z	YES
TR GT ON Z	YES
GT1 ON X	NO
GT2 ON X	NO
GT3 ON X	NO
TR GT ON X	NO
VD MODE ON X1Z1	YES
VD MODE ON X2Z2	YES
PLU/EAN DATA ON Z	YES
EJ DATA ON Z	YES
EJ SIZE	SMALL
Z COUNTER	
GENERAL Z1	0000
GENERAL Z2	0000
Z1 GENERAL REPORT	
SD: SAVE SALES	NO
SD: SAVE EJ	NO
SD: SAVE ALL RAM	NO
CLEAR EJ	NO
RESET BAL GT	NO
RESET GT	NO
HOURLY REPORT	
MEMORY TYPE	30MIN
START TIME	00
E. JOURNAL	
STORE TO SD	W SPACE
TR DATA STORE	NO
X DATA STORE	HEADER

MESSAGE

```

*PGM*
MESSAGE
RECEIPT LOGO
THANK YOU
FOR YOUR
PURCHASE
WE ARE LOOKING
FORWARD TO
YOUR NEXT VISIT
E. BILL MESSAGE
    
```

- Report title
- Title text
- Logo text (position 1)
- Logo text (position 2)
- Logo text (position 3)
- Logo text (position 4)
- Logo text (position 5)
- Logo text (position 6)
- Title text
- E.BILL MESSAGE is not printed in Sweden mode.
- E.BILL MESSAGE is printed only when "Deutsch" language is selected at MASTER RESET.

DEVICE CONFIG

```

*PGM*
DEVICE CONFIG
KEYBOARD
BUFFERING          YES
TOUCH SOUND        YES
DISPLAY
POWER SAVE         2
P. SAVE AT TM      YES
PRINTER
DENSITY           50
ONLINE
TERMINAL No.       000001
CI SIGNAL          NON
LINE FORM          FULL
BAUD RATE          19200
START CODE         002
END CODE           013
TIME OUT           007
    
```

Report title

TAX

```

*PGM*
TAX
TAX SYSTEM        AUTO TAX1-4
TAX1              1. 0000 %
                  0. 01
TAX2              2. 0000 %
                  0. 02
TAX3              3. 0000 %
                  0. 03
TAX4              4. 0000 %
                  0. 04
    
```

- Report title
- Tax no.
- Rate
- Lowest taxable amount

AUTO KEY

```

*PGM*
AUTO KEY
AUTO 1
AUTO 1
P00001
P00008
P00015
P00022
P00029
L1
L2
L3
GLU
NBAL
TL/NS
#/TM/ST
CHECK1
CREDIT1
DEPT#
CL
9 KEY
6 KEY
3 KEY
2 KEY
PAYMENT MN
VAT SHIFT
REFUND
0 KEY
1 KEY
AUTO 2
AUTO 2
----
AUTO 3
AUTO 3
----
AUTO 4
AUTO 4
----
AUTO 5
AUTO 5
----
    
```

- Report title
- AUTO key no.
- Text
- Key operation

ROM VERSION

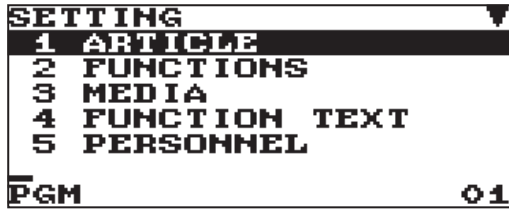
```

*PGM*
VERSION
IPL Version       0.00 XE-A207
PROGRAM Version   XE-A207/217V
                  Ver0.13
TEXT Version      V 0.00
SYSTEM Version    System V1.04
    
```

5. SETTING

■ OPERATION

- 1) Select "6 PGM MODE" from the mode selection window.
- 2) Select "2 SETTING" from the PGM mode menu to display the items list.
- 3) Select an item listed in the display.



5-1. ARTICLE

■ DEPARTMENT

- 1) Select "1 DEPARTMENT" from the ARTICLE menu to display the items list.
- 2) Select a pertinent dept. code from the departments list.
DEPT CODE: 2 digits (1 to 99)



Item	Text	Detail	Default
Unit price	PRICE	8 digits (0 to 99999999)	0
Text		16 characters	DPT. X X
Price entry type	TYPE	OPEN&PRESET PRESET OPEN INHIBIT	OPEN
Taxable 1	TAX1	YES NO	YES
Taxable 2	TAX2	YES NO	NO
Taxable 3	TAX3	YES NO	NO
Taxable 4	TAX4	YES NO	NO
SICS	SICS	YES NO	NO
Group No.	GROUP No.	2 digits (1 to 12) 01 - 09: NORMAL + 10: NORMAL - 11: HASH + 12: HASH -	1
HALO	HALO	8 digits (0 to 99999999)	99999999

- * If a price is set for a department which amount entry type is "INHIBIT" or "OPEN", its amount entry type is set as below automatically.
"INHIBIT" → "PRESET"
"OPEN" → "OPEN&PRESET"
- * Selection of the group "-" is inhibited when the Minus department is programmed as disabled in OPTIONAL PROGRAMMING.
Selection of the group "HASH" is inhibited when the HASH department is programmed as disabled in OPTIONAL PROGRAMMING.
- * HALO is always displayed in DEPARTMENT setting and can be change the value. But HALO function is available only when "HALO FUNCTION = VALID" is set at OPTIONAL PROGRAMMING.

■ PLU(XE-A207W/B, XE-A217W/B)

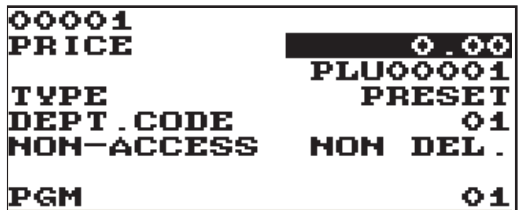
- 1) Select "2 PLU" from the ARTICLE menu to display the items list.
- 2) Select a pertinent PLU code, or directly enter a PLU code.
PLU CODE: 5 digits (1 to 99999)



Item	Text	Detail	Default
Unit price	PRICE	8 digits (0 to 99999999)	0
Text		16 characters	PLU: PLUXXXXX
Price entry type	TYPE	OPEN&PRESET PRESET OPEN INHIBIT	PRESET
Department code	DEPT. CODE	2 digits (1 to 99)	1

■ PLU/EAN(XE-A307)

- 1) Select "2 PLU/EAN" from the ARTICLE menu to display the items list.
 - 2) Select a pertinent PLU code, or directly enter a PLU code.
PLU CODE: 5 digits (1 to 99999)
EAN CODE: 14 digits (ITF-14, EAN13, EAN8, UPC-A, UPC-E)
- * EAN code can be entered by barcode scanning.



Item	Text	Detail	Default
Unit price	PRICE	8 digits (0 to 99999999)	0
Text		16 characters	PLU: PLUXXXXX
Price entry type	TYPE	OPEN&PRESET PRESET OPEN INHIBIT	PRESET

Item	Text	Detail	Default
Department code	DEPT.CODE	2 digits (1 to 99)	1
NON-Accessed Record delete function	NON-ACCESS	NON DEL. DEL. BY Z	DEL. BY Z (PLU is fixed at "NON DEL.")

■ PLU RANGE

- 1) Select "3 PLU RANGE" from the ARTICLE menu to display the items list.

```

PLU RANGE
START                00000
END                  00000
OPERATIONNEW&MAINTE.
PGM                                01

```

- 2) Enter a value or select an option for each item as follows:

- START CODE (Use the numeric entry)
Starting PLU code (max. 5 digits)
- END CODE (Use the numeric entry)
Ending PLU code (max. 5 digits)
- OPERATION (Use the selective entry)

MAINTE	Enables you to change the setting you have programmed.
NEW&MAINTE	Enables you to change the current setting when the specified codes have already been created or to create new codes when the specified codes have not been created yet.
DELETE	Enables you to delete a specified range of PLUs.

■ EAN NON-PLU

- 1) Select "4 EAN NON-PLU" from the ARTICLE menu to display the items list.
- 2) Select a pertinent EAN code.

```

01
TYPE OF CODE        EAN13
SYSTEM CODE        20
LENGTH FLD#1       5
LENGTH FLD#2       4
FLD#1 DATA         FREE
FLD#2 DATA         PRICE
PGM                01

```

Item	Text	Detail	Default
Kind of Code	TYPE OF CODE	EAN8 EAN13	*
System sign	SYSTEM CODE	1 digit (EAN8) 2 digits (EAN13)	*
Length of field 1	LENGTH FLD#1	1 digit	*
Length of field 2	LENGTH FLD#2	1 digit	*
Meaning of field 1 (fixed)	FLD#1 DATA	FREE	FREE
Meaning of field 2	FLD#2 DATA	QUANTITY PRICE	*
Price Check digit	CHECK DIGIT	YES NO	*

Item	Text	Detail	Default
TAB or Decimal point of field 2	TAB	3 2 1 0	*

* Default = (Below values are made.)

Table number	#01	#02	#03 -- #12
Kind of Code	EAN13 (UPC-A)	EAN13 (UPC-A)	EAN13
System sign	20	02	00
Length of field 1	5	4	0
Length of field 2	4	5	0
Meaning of field 1	FREE	FREE	FREE
Meaning of field 2	PRICE	PRICE	PRICE
Price Check digit	YES	YES	NO
TAB or Decimal point of field 2	2	2	0

NON PLU CODE Format(Example)

EAN13: VVWWWWWWXYYYZ

EAN8: VWWYYYYZ

digit	Detail
VV or V	System sign
WWWWW or WW	FREE code (Field 1)
X	Check digit (Price check digit)
YYYY	Price (Field 2)
Z	Check digit

■ EAN DELETE

- 1) Select "5 EAN DELETE" from the ARTICLE menu to display the items list.
- 2) Enter the period day.

```

EAN DELETE
PERIOD(DAY)        99
PGM                01

```

Item	Text	Detail	Default
Delete Period	PERIOD (DAY)	2 digits (01 to 99) 00: No deleting	99

5-2. FUNCTIONS

■ FUNCTION LIST

Function	Default Text
(-)	(-)
%1	1%
%2	2%
RA	***RA
PO	***PO
CID	***CID
CHECK CHANGE	CHK/CG
CASH CHECK (CHECK CASHING)	CA/CHK

■ (-)

- 1) Select "1 (-)" from the FUNCTIONS menu to display the items list.

```

< - >
AMOUNT      -0.00
TEXT        < - >
SIGN        -
HALO        999999.99
ITEM        YES
SUBTOTAL    YES
PGM         01
    
```

Item	Text	Detail	Default
Amount	AMOUNT	8 digits (0 to 99999999)	0
Text	TEXT	12 character	(-)
Sign	SIGN	- +	-
HALO	HALO	8 digits (0 to 99999999)	99999999
ITEM(-)	ITEM	YES NO	YES
ST(-)	SUBTOTAL	YES NO	YES

■ %1, %2

- 1) Select "2 %1" or "3 %2" from the FUNCTIONS menu to display the items list.

```

/ 1
RATE      -0.00%
TEXT      / 1
SIGN      -
HALO      100.00%
ITEM      NO
SUBTOTAL  YES
PGM       01
    
```

Item	Text	Detail	Default
Rate	RATE	3id+2dd (0.00 to 100.00)	0
Text	TEXT	12 character	%1 or %2
Sign	SIGN	- +	-
HALO	HALO	3id+2dd (0.00 to 100.00)	100
ITEM%	ITEM	YES NO	%1: NO %2: YES
ST%	SUBTOTAL	YES NO	%1: YES %2: NO

■ RA

- 1) Select "4 RA" from the FUNCTIONS menu to display the items list.

```

***RA
HALO      9999999.99
TEXT      ***RA
PGM       01
    
```

Item	Text	Detail	Default
HALO	HALO	9 digits (0 to 999999999)	999999999
Text	TEXT	12 character	***RA

■ PO

- 1) Select "5 PO" from the FUNCTIONS menu to display the items list.

```

***PO
HALO      9999999.99
TEXT      ***PO
PGM       01
    
```

Item	Text	Detail	Default
HALO	HALO	9 digits (0 to 999999999)	999999999
Text	TEXT	12 character	***PO

■ CID

- 1) Select "6 CID" from the FUNCTIONS menu to display the items list.

```

***CID
HALO      99999999.99
TEXT      ***CID
PGM       01
    
```

Item	Text	Detail	Default
HALO	HALO	10 digits (0 to 9999999999)	9999999999
Text	TEXT	12 character	***CID

■ CHK/CG (CHECK CHANGE)

- 1) Select "7 CHK/CG" from the FUNCTIONS menu to display the items list.

```

CHK/CG
HALO          999999.99
TEXT          CHK/CG

PGM                      01
    
```

Item	Text	Detail	Default
HALO	HALO	8 digits (0 to 99999999)	99999999
Text	TEXT	12 character	CHK/CG

■ CA/CHK (CASH CHECK, CHECK CASHING)

This programming can not be performed in Sweden fiscal mode.

- 1) Select "8 CA/CHK" from the FUNCTIONS menu to display the items list.

```

CA/CHK
HALO          999999.99
TEXT          CA/CHK

PGM                      01
    
```

Item	Text	Detail	Default
HALO	HALO	8 digits (0 to 99999999)	99999999
Text	TEXT	12 character	CA/CHK

5-3. MEDIA

■ FUNCTION LIST

Function	Default Text
CASH	CASH
CHECK1	CHECK1
CHECK2	CHECK2
CREDIT1	CREDIT1
CREDIT2	CREDIT2
FOREIGN CURRENCY PRESET	EXCH1
FOREIGN CURRENCY OPEN	EXCH2

■ CASH

- 1) Select "1 CASH" from the MEDIA menu to display the items list.

```

CASH
TEXT          CASH
HALO          999999.99
FOOTER PRINT NO
TEND.         NON-COMPUL.

PGM                      A 01
    
```

Item	Text	Range/Detail	Default
Text	TEXT	12 character	CASH
HALO	HALO	8 digits (0 to 99999999)	99999999
Footer print on receipt	FOOTER PRINT	YES NO	NO
Entry of amount tended	TEND.	COMPULSORY NON-COMPUL.	NON- COMPUL.

■ CHECK1, CHECK2

- 1) Select "2 CHECK1" or "3 CHECK2" from the MEDIA menu to display the items list.

```

CHECK1
TEXT          CHECK1
HALO          999999.99
FOOTER PRINT NO
TEND.         NON-COMPUL.

PGM                      A 01
    
```

Item	Text	Range/Detail	Default
Text	TEXT	12 character	CHECK1 or CHECK2
HALO	HALO	8 digits (0 to 99999999)	99999999
Footer print on receipt	FOOTER PRINT	YES NO	NO
Entry of amount tended	TEND.	COMPULSORY NON-COMPUL.	NON- COMPUL.

■ CREDIT1, CREDIT2

- 1) Select "4 CREDIT1" or "5 CREDIT2" from the MEDIA menu to display the items list.

```

CREDIT1
TEXT          CREDIT1
HALO          999999.99
FOOTER PRINT NO
TEND.         INHIBITED

PGM                      A 01
    
```

Item	Text	Range/Detail	Default
Text	TEXT	12 character	CREDIT1 or CREDIT2
HALO	HALO	8 digits (0 to 99999999)	99999999
Footer print on receipt	FOOTER PRINT	YES NO	NO
Entry of amount tended	TEND.	COMPULSORY INHIBITED	INHIBITED

FOREIGN CURRENCY

1) Select "6 FOREIGN CURRENCY" from the MEDIA menu to display the items list.

```

FOREIGN CURRENCY
PRESET RATE  ENABLE
RATE        0.000000
TEXT        EXCH1
SYMBOL
TAB         2
OPEN RATE   ENABLE
PGM        01
    
```

Item	Text	Range/Detail	Default
Preset rate entry	PRESET RATE	ENABLE DISABLE	ENABLE
Rate for PRESET	RATE	0 to 999.999999	0
Function Text for PRESET	TEXT	12 character	EXCH1
Currency symbol for PRESET	SYMBOL	4 character *1	(space)
Tab for PRESET	TAB	0 1 2 3	2
Open rate entry	OPEN RATE	ENABLE DISABLE	ENABLE
Function Text for OPEN	TEXT	12 character	EXCH2
Currency symbol for OPEN	SYMBOL	4 character *1	(space)
Tab for OPEN	TAB	0 1 2 3	2

*1:

This symbol is printed with (+) amount of foreign currency.
The programmed characters is printed at left side of amount.

Ex) Case of " DM":

```

| EXCH1  1.234567 |
|          DM1.23  |
|          ↑       |
|          Programmed symbol
    
```

If some space characters are programmed at the left side of symbol (like " * "), they are not counted as the number of character of the currency symbol.

(In case of " DM", the number of character is 2.)

Ex) Case of " DM": (The currency symbol means "DM")

5-4. FUNCTION TEXT

Description for each function. Up to 12 characters can be entered.

```

NET1
TEXT  NET1
PGM          A  01
    
```

XE-A207W/B, XE-A217W/B

No.	Function	Sweden fiscal	Default Text
1	NET1		NET1
2	DIFFER		DIFFER
3	TAXABLE1 ST		TAX1 ST
4	TAXABLE2 ST		TAX2 ST
5	TAXABLE3 ST		TAX3 ST
6	TAXABLE4 ST		TAX4 ST
7	VAT/TAX 1		VAT 1
8	VAT/TAX 2		VAT 2
9	VAT/TAX 3		VAT 3
10	VAT/TAX 4		VAT 4
11	TOTAL TAX (on Report)		TTL TAX
12	NET WITHOUT TAX (on REPORT)		NET
13	NET2		NET2
14	REFUND		REFUND
15	VOID		VOID
16	VOID MODE	KORR (Fixed)	VOID MODE
17	MANAGER VOID	(Invalid)	MGR VOID
18	SBTL VOID	CC ABORT (Default) *1	SBTL VOID
19	HASH VOID		HASH VOID
20	HASH REFUND		HASH RF
21	BILL COUNTER		BILL CNT
22	NO SALE		NO SALE
23	SCM(+)		SCM(+)
24	SCM(-)		SCM(-)
25	CUSTOMER (TRANS.COUNT)		GUEST
26	PAID TOTAL		PAID TL
27	AVERAGE		AVE.
28	EXCHANGE1 CHECK		EX1 CHK
29	EXCHANGE1 CREDIT		EX1 CR
30	DOMESTIC CURRENCY1		DOM.CUR1
31	DOMESTIC CURRENCY2		DOM.CUR2
32	DOMESTIC CURRENCY FOR EX1 CHECK		DOM.CUR1 CHK
33	DOMESTIC CURRENCY FOR EX1 CREDIT		DOM.CUR1 CR
34	CHECK IN DRAWER		*CH ID

No.	Function	Sweden fiscal	Default Text
35	CASH/CHECK IN DRAWER		CA/CHK ID
36	GROUP1		GROUP01
37	GROUP2		GROUP02
38	GROUP3		GROUP03
39	GROUP4		GROUP04
40	GROUP5		GROUP05
41	GROUP6		GROUP06
42	GROUP7		GROUP07
43	GROUP8		GROUP08
44	GROUP9		GROUP09
45	(+)DEPT TOTAL		*DEPT TL
46	(-)DEPT TOTAL		DEPT(-)
47	HASH (+)DPT TOTAL		*HASH TL
48	HASH (-)DPT TOTAL		HASH(-)
49	TOTAL		***TOTAL
50	SUBTOTAL		SUBTOTAL
51	SCM Total		SCM TTL
52	NON ADD CODE TEXT (Max. 8 char.)		#
53	ITEMS		ITEMS
54	MDSE SBTL		MDSE ST
55	NET1 (TAXABLE1-VAT1) (on RECEIPT)		NET 1
56	NET2 (TAXABLE2-VAT2) (on RECEIPT)		NET 2
57	NET3 (TAXABLE3-VAT3) (on RECEIPT)		NET 3
58	NET4 (TAXABLE4-VAT4) (on RECEIPT)		NET 4
59	TOTAL VAT (on Receipt)	(Sweden only)	TTL VAT
60	DUE (on DISPLAY)		DUE
61	CHANGE		CHANGE
62	COPY RCPT TITLE	KOPIA (Fixed)	COPY
63	G.C. RCPT TITLE	KVITTO (Fixed)	BILL
64	RECEIPT SW		RCP SW.
65	TOWN NAME1 ¹²	(Invalid)	TOWNNAME
66	TOWN NAME2 ¹²	(Invalid)	TOWNNAME
67	VAT SHIFT (XE-A217W/B ONLY)		VAT SFT
68	VAT/TAX DELETE (XE-A217W/B ONLY)		TAX DELE
69	PBAL (XE-A217W/B ONLY)		***PBAL
70	NBAL (XE-A217W/B ONLY)		***NBAL
71	ORDER TOTAL (XE-A217W/B ONLY)		ORDER TL
72	ORDER TL - PAID TL (XE-A217W/B ONLY)		O-P

No.	Function	Sweden fiscal	Default Text
73	OLD BALANCE (XE-A217W/B ONLY)		OLD BAL.
74	NEW BALANCE (XE-A217W/B ONLY)		BALANCE
75	OPEN GLU COUNTER (XE-A217W/B ONLY)	(Sweden only)	OPEN GLU
76	GLU CODE TEXT (XE-A217W/B ONLY)		GLU#

XE-A307

No.	Function	Sweden fiscal	Default Text
1	NET1		NET1
2	DIFFER		DIFFER
3	TAXABLE1 ST		TAX1 ST
4	TAXABLE2 ST		TAX2 ST
5	TAXABLE3 ST		TAX3 ST
6	TAXABLE4 ST		TAX4 ST
7	VAT/TAX 1		VAT 1
8	VAT/TAX 2		VAT 2
9	VAT/TAX 3		VAT 3
10	VAT/TAX 4		VAT 4
11	TOTAL TAX (on Report)		TTL TAX
12	NET WITHOUT TAX (on REPORT)		NET
13	NET2		NET2
14	REFUND		REFUND
15	VOID		VOID
16	VOID MODE	KORR (Fixed)	VOID MODE
17	MANAGER VOID	(Invalid)	MGR VOID
18	SBTL VOID	CC ABORT (Default) ¹¹	SBTL VOID
19	HASH VOID		HASH VOID
20	HASH REFUND		HASH RF
21	BILL COUNTER		BILL CNT
22	NO SALE		NO SALE
23	SCM(+)		SCM(+)
24	SCM(-)		SCM(-)
25	CUSTOMER (TRANS.COUNT)		GUEST
26	PAID TOTAL		PAID TL
27	AVERAGE		AVE.
28	EXCHANGE1 CHECK		EX1 CHK
29	EXCHANGE1 CREDIT		EX1 CR
30	DOMESTIC CURRENCY1		DOM.CUR1
31	DOMESTIC CURRENCY2		DOM.CUR2
32	DOMESTIC CURRENCY FOR EX1 CHECK		DOM.CUR1 CHK
33	DOMESTIC CURRENCY FOR EX1 CREDIT		DOM.CUR1 CR
34	CHECK IN DRAWER		*CH ID
35	CASH/CHECK IN DRAWER		CA/CHK ID
36	GROUP1		GROUP01

No.	Function	Sweden fiscal	Default Text
37	GROUP2		GROUP02
38	GROUP3		GROUP03
39	GROUP4		GROUP04
40	GROUP5		GROUP05
41	GROUP6		GROUP06
42	GROUP7		GROUP07
43	GROUP8		GROUP08
44	GROUP9		GROUP09
45	(+)DEPT TOTAL		*DEPT TL
46	(-)DEPT TOTAL		DEPT(-)
47	HASH (+)DPT TOTAL		*HASH TL
48	HASH (-)DPT TOTAL		HASH(-)
49	CASH/CHECK IS		CA/CHK IS
50	EXCHANGE1 IS		EXCH1 IS
51	CCD DIFFER		CCD DIF.
52	CCD DIFFER TOTAL		DIF. TL
53	TOTAL		***TOTAL
54	SUBTOTAL		SUBTOTAL
55	SCM Total		SCM TTL
56	CCD REPO. TITLE		CCD
57	NON ADD CODE TEXT (Max. 8 char.)		#
58	ITEMS		ITEMS
59	MDSE SBTL		MDSE ST
60	NET1 (TAXABLE1-VAT1) (on RECEIPT)		NET 1
61	NET2 (TAXABLE2-VAT2) (on RECEIPT)		NET 2
62	NET3 (TAXABLE3-VAT3) (on RECEIPT)		NET 3
63	NET4 (TAXABLE4-VAT4) (on RECEIPT)		NET 4
64	TOTAL VAT (on Receipt)	(Sweden only)	TTL VAT
65	DUE (on DISPLAY)		DUE
66	CHANGE		CHANGE
67	COPY RCPT TITLE	KOPIA (Fixed)	COPY
68	G.C. RCPT TITLE	KVITTO(Fixed)	BILL
69	RECEIPT SW		RCP SW.
70	OVERLAPPED CLERK REMAIN	(Invalid)	OVCS REMAIN
71	TOWN NAME1 *2	(Invalid)	TOWNNAME
72	TOWN NAME2 *2	(Invalid)	TOWNNAME

*1: In Sweden mode, "CC ABORT" is the default text for SBTL VOID.
Therefore "CC ABORT" is displayed at the "FUNCTION TEXT" menu screen.

*2: TOWN NAME1 and TOWN NAME2 cannot be set in Swedish mode.
TOWN NAME1 and TOWN NAME2 can be set only when German was selected at master reset.

5-5. PERSONNEL

■ CLERK

- 1) Select "1 CLERK" from the PERSONNEL menu to display the items list.

```

01
PASS CODE          0000
AUTO KEY          CLERK01
                  ENABLE
PGM                                01

```

CLERK CODE: 2 digits (01 to 25)

Item	Text	Detail	Default
Pass Code	PASS CODE	4 digits (0000 to 9999)	0000
Name		16 characters	CLERKXX
Auto key operation *1	AUTO KEY	ENABLE DISABLE	ENABLE

- At the master resetting, 4 clerks (clerk#1 to clerk#4) are created.
- At clerk code menu screen, clerk can be deleted by [DEL] key.
- At clerk code menu screen, new clerk can be created by entering new code.
- When new clerk is created, the clerk has default setting.

*1: Even if the sign-on clerk has the setting "AUTO KEY = DISABLE", manager can operate AUTO KEY.

■ MANAGER

- 1) Select "2 MANAGER" from the PERSONNEL menu to display the items list.

```

MANAGER
PASS CODE          0000
PGM                                01

```

Item	Text	Detail	Default
Pass Code	PASS CODE	4 digits (0000 to 9999)	0000

MODE PASS CODE

- 1) Select "3 MODE PASS CODE" from the PERSONNEL menu to display the items list.

```

MODE PASS CODE
VOID MODE      0000
OPXZ           0000
FLASH         0000
X1            0000
Z1            0000
X2Z2         0000
PGM           01
    
```

Item	Text	Detail	Default
VOID MODE	VOID MODE	4 digits (0000 to 9999)	0000
OPXZ	OPXZ	4 digits (0000 to 9999)	0000
FLASH	FLASH	4 digits (0000 to 9999)	0000
X1	X1	4 digits (0000 to 9999)	0000
Z1	Z1	4 digits (0000 to 9999)	0000
X2/Z2	X2Z2	4 digits (0000 to 9999)	0000
PGM	PGM	4 digits (0000 to 9999)	0000
SD CARD	SD CARD	4 digits (0000 to 9999)	0000

TRAINING CLK

- 1) Select "4 TRAINING CLK" from the PERSONNEL menu to display the items list.

```

TRAINING CLK
CODE          00
TEXT          TRAINING
PGM           01
    
```

Contents	Text	Range/Detail	Default
Training clerk code	CODE	2 digits (00 to 25)	0
Training mode title text (Sweden fiscal: Fixed)	TEXT	12 characters	TRAINING

5-6. TERMINAL

```

TERMINAL
MACHINE#      000000
CONSECUTIVE#  000007
GT2           0 . 00
GT3           0 . 00
PGM           01
    
```

Item	Text	Detail	Default
Machine number	MACHINE#	6 digits (0 - 999999)	000000
VAT ID (Sweden fiscal only)	VAT ID	10 digits (0 - 9999999999)	0000000000
Consecutive number (Sweden fiscal: Invalid)	CONSECUTIVE#	6 digits (0 - 999999)	000000
GT2 (Sweden fiscal: Invalid)	GT2	13 digits (0 - 9999999999999)	0
GT3 (Sweden fiscal: Invalid)	GT3	13 digits (0 - 9999999999999)	0

5-7. DATE/TIME

```

DATE/TIME
DATE          26/03/2011
TIME          1850
PGM           01
    
```

Item	Text	Detail	Default
Date ^{*1}	DATE	6 digits	Day = 01 Month = 01 Year = 11
Time ^{*2}	TIME	4 digits	0

*1: The date display/entry format complies with BASIC SYSTEM in OPTIONAL.

YYMMDD or DDMMYY or MMDDYY

YY	Year	2 digits (00 to 99) (omitted upper 2 digits of 20xx)
MM	Month	2 digits (01 to 12)
DD	Day	2 digits (01 to 31)

*2: The time display/entry format does not comply with BASIC SYSTEM in OPTIONAL.

HHMM

HH	Hour	2 digits (00 to 23)
MM	Minute	2 digits (00 to 59)

5-8. OPTIONAL

■ BASIC SYSTEM

- 1) Select "1 BASIC SYSTEM" from the OPTIONAL menu to display the items list.

```

BASIC SYSTEM
DATE FORMAT      DMY
TIME FORMAT      24-HOUR
ERROR            LOCK ERROR
CURRENCY SYMBOL  *
TAB              2
DECIMAL QUANTITY YES
PGM              01
    
```

Item	Text	Detail	Default
Date format	DATE FORMAT	YMD DMY MDY	DMY
Time format	TIME FORMAT	12-HOUR 24-HOUR	24-HOUR
Error system	ERROR	MISS OPE. LOCK ERROR	LOCK ERROR
Currency symbol	CURRENCY SYMBOL	4 characters	*
Tabulation	TAB	3 2 1 0	2 (Sweden fiscal: Fixed "2")
Fractional quantity	DECIMAL QUANTITY	YES NO	YES (Sweden fiscal is "NO".)
Fraction treatment	DECIMAL ROUND	DOWN UP ROUND	ROUND
Overlapped clerk function (XE-A307)	OVERLAPPED CLERK	YES NO	NO (Sweden fiscal is fixed "NO".)
HALO function	HALO FUNC.	VALID INVALID	INVALID
Key selection	[00]KEY	[000] [00]	[00]
Editing Print and Display ^{*1}	PRT/ DSP EDIT	YES NO	YES
Display for item ^{*2}	ITEM DISPLAY	1-LINE 2-LINE	2-LINE

*1: All of display and print aren't edited when "NO" is selected.

1. Receipt Print
2. Receipt Window
3. BILL print
4. Transaction contents that has been entered before NBAL closing.

*2:

1 LINE: (Quantity, Text)

2 LINE: 1st line (Quantity, Price, Amount)/ 2nd line (Text)

■ ROUNDING

- 1) Select "2 ROUNDING" from the OPTIONAL menu to display the items list.

```

ROUNDING
ROUND100        NORMAL
ROUND10         00
ROUND FOR ITEM&TOTAL
CH/CR ROUND    YES
ROUND PRINT     NO
DIFFER MEMORY   NO
PGM             01
    
```

Item	Text	Detail	Default
Rounding system	ROUND100	100 50 25 NORMAL	NORMAL (Sweden fiscal: 100)
Rounding up/down of the units digit of amount	ROUND10	2 digit (00-99) ^{*1}	00
Application of rounding	ROUND FOR	TOTAL ITEM&TOTAL	ITEM&TOTAL (Sweden fiscal: TOTAL)
AUSTRALIAN Rounding: Subtotal amount and CHECK/CREDIT finalization is not rounding, but the CASH sales amount and the change amount is rounding (This selection is not effective at Manual TAX1 - 4 system)	CH/CR ROUND	YES NO	YES
Printing of rounding amount (for Australia)	ROUND PRINT	YES NO	NO
Difference memory (Difference between before-rounding and after-rounding)	DIFFER MEMORY	YES NO	NO (Sweden fiscal: YES)
Limit on the least significant digit in entering the amount of item	ITEMENT	0,5 ONLY 0 ONLY ANY	ANY
Limit on the least significant digit in entering the amount of payment	PAYMENT ENT	0,5 ONLY 0 ONLY ANY	ANY

*1:

00	54	04	82
No rounding	0 → 0	0 → 0	0 → 0
	1 → 0	1 → 0	1 → 0
	2 → 0	2 → 0	2 → 0
	3 → 0	3 → 0	3 → 5
	4 → 0	4 → 0	4 → 5
	5 → 10	5 → 5	5 → 5
	6 → 10	6 → 5	6 → 5
	7 → 10	7 → 5	7 → 5
	8 → 10	8 → 5	8 → 10
	9 → 10	9 → 5	9 → 10

■ FUNC.PROHIBIT

- 1) Select "3 FUNC.PROHIBIT" from the OPTIONAL menu to display the items list.

```

FUNC . PROHIBIT
NON-ADD          ENABLE
NON-ADD + NS    ENABLE
MINUS DEPT      ENABLE
HASH DEPT       ENABLE
COPY RCPT       ENABLE
VOID MODE       ENABLE
PGM              01
    
```

Item	Text	Detail	Default
NON-ADD CODE entry	NON-ADD	ENABLE DISABLE	ENABLE
NO SALE after NON-ADD CODE entry	NON-ADD + NS	ENABLE DISABLE	ENABLE
MINUS Department/ PLU entry	MINUS DEPT	ENABLE DISABLE	ENABLE
HASH Department/ PLU entry	HASH DEPT	ENABLE DISABLE	ENABLE
COPY RECEIPT function	COPY RCPT	ENABLE DISABLE	ENABLE
VOID mode	VOID MODE	ENABLE DISABLE	ENABLE (Sweden fiscal: Fixed "ENABLE")
Merchandise subtotal go negative	SUBTOTAL <0	ENABLE DISABLE	ENABLE
Direct non-ten- dering finaliza- tion after previous ten- der entry	TEND+ DIRECT	ENABLE DISABLE	ENABLE

■ FUNC.AUTHORITY

- 1) Select "4 FUNC.AUTHORITY" from the OPTIONAL menu to display the items list.

```

FUNC . AUTHORITY
RA          PUBLIC
PO          PUBLIC
REFUND      PUBLIC
ITEM VD    PUBLIC
SBTL VD    PUBLIC
NO SALE    PUBLIC
PGM        01
    
```

Item	Text	Detail	Default
RA allowance	RA	PUBLIC LIMITED	PUBLIC
PO allowance	PO	PUBLIC LIMITED	PUBLIC
REFUND allowance	REFUND	PUBLIC LIMITED	PUBLIC
ITEM VOID allowance (XE-A207W/B, XE-A307)	ITEM VD	PUBLIC LIMITED	PUBLIC
Void for not issued order (item void before NBAL) (XE-A217W/B ONLY)	NO ISSUED VD	PUBLIC LIMITED	PUBLIC
Void for issued order (item void after NBAL) (XE-A217W/B ONLY)	ISSUEDVD	PUBLIC LIMITED	PUBLIC
Subtotal void allowance	SBTL VD	PUBLIC LIMITED	PUBLIC (Sweden fiscal: Invalid)
NO SALE allowance	NO SALE	PUBLIC LIMITED	PUBLIC

LIMITED: Allowed only when manager code has been entered.

PUBLIC: Allowed without manager code.

■ FUNCTION SELECT

- 1) Select "5 FUNCTION SELECT" from the OPTIONAL menu to display the items list.

```

FUNCTION SELECT
SPLIT COUNT QUANTITY
CR IN RA/PO NON
VD MODE TO HOURLY NO
ST BEFORE DIRECT NOT
ST BEFORE TEND NOT
NS RECEIPT PRINT
PGM 01
    
```

Item	Text	Detail	Default
Level shift operation allowance (XE-A217W/B ONLY)	LV.SFT MODE	PUBLIC LIMITED	PUBLIC
Level shift reset (XE-A217W/B ONLY)	LV.SFT TYPE	AUTO MANUAL	AUTO
Level shift auto reset timing (This setting is disregarded when "Level shift reset" is set as "MANUAL".) (XE-A217W/B ONLY)	RETURN TO L1	BY ITEM RECEIPT	RECEIPT
Guest check# (XE-A217W/B ONLY)	GLU# ENTRY	MANUAL AUTO	AUTO
Checking of clerk# when GLU reorder is made. (XE-A217W/B ONLY)	GLU CLK CHECK	NO YES	NO
Count method of split pricing entry	SPLIT COUNT	PACKAGE QUANTITY	QUANTITY
Credit totalizer update if RA/PO finalization by Credit key	CR IN RA/PO	NON UPDATE	NON
Addition to the hourly total in VOID mode.	VD MODE TO HOURLY	YES NO	NO
Subtotal entry before direct non-tendering finalization	ST BEFORE DIRECT	MUST NOT	NOT
Subtotal entry before tender	ST BEFORE TEND	MUST NOT	NOT
Receipting at the time of NO SALE	NS RECEIPT	PRINT NOT	PRINT
Receipt print	RCPT CONTENTS	DETAIL TOTAL	DETAIL (Sweden fiscal: Fixed "DETAIL")
After transaction receipt	AFTER TRANS.	DETAIL TOTAL	DETAIL (Sweden fiscal: Fixed "DETAIL")
Programming whether or not to lock item entry when EJ file is full	E.J. FULL	CONTINUE LOCK	CONTINUE (Sweden fiscal: Fixed "LOCK")

LIMITED: Allowed only when manager code has been entered.

PUBLIC: Allowed without manager code.

■ PRINT SELECT

- 1) Select "6 PRINT SELECT" from the OPTIONAL menu to display the items list.

```

PRINT SELECT
CONSECUTIVE NO. YES
DATE YES
TIME YES
PURCHASE NO. NO
TAX STATUS NO
TAXABLE YES
PGM 01
    
```

Item	Text	Range/Detail	Default
CC# print	CONSECUTIVE NO.	YES NO	YES (Sweden fiscal: Fixed "YES")
DATE print	DATE	YES NO	YES (Sweden fiscal: Fixed "YES")
TIME print	TIME	YES NO	YES (Sweden fiscal: Fixed "YES")
Number of purchases Print	PURCHASE NO.	NO YES	NO (Sweden fiscal: Fixed "YES")
VAT/TAX-assignment print	TAX STATUS	YES NO	NO (Sweden fiscal: Fixed "YES")
Taxable amount print on R/J	TAXABLE	YES NO	YES (Sweden fiscal: Fixed "YES")
VAT/TAX amount print on R/J	TAX	YES NO	YES (Sweden fiscal: Fixed "YES")
Tax printing when taxable subtotal is zero.	TAX (TAXABLE =0)	YES NO	NO
Tax printing when tax is zero.	TAX (TAX=0)	YES NO	NO
Net amount print on R/J	NET	YES NO	YES (Sweden fiscal: Fixed "NO")
Printing of split pricing entry	SPLIT ENTRY	FORMAT1 FORMAT2	FORMAT1
Printing of SBTL by Subtotal key	ST AT ST KEY	YES NO	NO
LOGO message print	LOGO FORM	PATTERN1 (3-line text header) PATTERN2 (Image logo header) PATTERN3 (Image logo header + 3-line text footer) PATTERN4 (6-line text header) PATTERN5 (Image logo header + 3-line text header) PATTERN6 (3-line text header + 3-line text footer)	PATTERN6
Footer print	FOOTER	BY MEDIA ALL	ALL

Item	Text	Range/Detail	Default
Amount printing when PLU unit price is 0	0 AMT PLU	NORMAL TEXT ONLY	TEXT ONLY
Journal selective	ITEM JOURNAL	ALL SELECT	ALL (Sweden fiscal: Fixed "ALL")
Logo Text print on journal	LOGO ON JOURNAL	YES NO	NO (Sweden fiscal: Fixed "YES")
Bill Contents is printed on Journal	BILL ON JOURNAL	YES NO	NO (Sweden fiscal: Fixed "YES")

In case of "1st quantity = 2", "2nd quantity = 3" and "unit price = 1.00"

FORMAT1: 2x 3/ 1.00

FORMAT2: 2x 1.00 PER 3

* This selection does not affect display.

■ EAN FUNCTION(XE-A307)

- 1) Select "7 EAN FUNCTION" from the OPTIONAL menu to display the items list.

```

EAN FUNCTION
LEARNING          ENABLE
LOOKUP AT RF      YES
CODE PRINT        NO
C/D CHECK         YES
EURO CONVERT      NO
PGM                01

```

Item	Text	Detail	Default
EAN Learning Function	LEARNING	ENABLE DISABLE	ENABLE
Price lookup at refund entry of EAN	LOOKUP AT RF	YES NO	YES
EAN code print	CODE PRINT	NO R J R&J	NO
Check Digit check of EAN code	C/D CHECK	YES NO	YES
Converting the unit price of NON-PLU code between EURO and Local. (Not convert) (Prefix: 21, 22, 23, 27) (All)	EURO CONVERT	NO 21 - 23, 27 ALL	NO (Sweden fiscal: Invalid)

■ EXCHANGE FUNCTION

- 1) Select "7(XE-A307 is 8) EXCHANGE FUNCTION" from the OPTIONAL menu to display the items list.

```

EXCHANGE FUNCTION
PAY FOR EX1      CASH
EX1 CALC        MULTI
TTL&CHANGE      DOMESTIC
ST SHORT TEND   PRINT
PGM                01

```

Item	Text	Detail	Default
Payment for exchange1 amount	PAY FOR EX1	CASH ALL	CASH
Exchange1 calculation method	EX1 CALC.	MULTI. DIVIDE	MULTI.
Exchange1 amount print for Total and Change	TTL & CHANGE	DOMESTIC WITH EX1	DOMESTIC
Subtotal print after EX short tendering	ST SHORT TEND	PRINT NOT	PRINT

■ EURO CHANGE

This programming cannot be performed in Sweden fiscal mode.

- 1) Select "8(XE-A307 is 9) EURO CHANGE" from the OPTIONAL menu to display the items list.

```

EURO CHANGE
DATE              000000
TIME              00
PRICE CONVERT     YES
EURO JOB NON-COMPUL.
PGM                01

```

Item	Text	Detail	Default
Date of exchanging the currency to EURO	DATE	Date 6 digits *1	Day = 00 Month = 00 Year = 00
Time of exchanging the currency to EURO	TIME	2 digits (00 to 23)	0
Automatic converting the unit price at EURO changing job	PRICE CONVERT	YES NO	YES
Enforced EURO changing job at the programmed date	EURO JOB	COMPULSORY NON-COMPUL.	NON-COMPUL.

*1:

YYMMDD or DDMYY or MMDDYY

The date format complies with the setting "OPTIONAL - BASIC SYSTEM - DATE FORMAT".

In case of date setting is all 0, EURO date/time function is not work.

YY: Year 2 digits (00 to 99) (omitted upper 2 digits of 20xx)

MM: Month 2 digits (01 to 12)

DD: Day 2 digits (01 to 31)

000000: Inhibit

5-9. REPORT

■ 0 SKIP

1) Select "1 0 SKIP" from the REPORT menu to display the items list.

0 SKIP	
DEPARTMENT	SKIP
TRANSACTION	SKIP
PLU	SKIP
CLERK	SKIP
HOURLY	SKIP
PGM	01

Item	Text	Detail	Default
Zero skip in Department report	DEPARTMENT	SKIP NOT SKIP	SKIP
Zero skip in Transaction report	TRANSACTION	SKIP NOT SKIP	SKIP
Zero skip in PLU report	PLU	SKIP NOT SKIP	SKIP
Zero skip in Clerk report	CLERK	SKIP NOT SKIP	SKIP
Zero skip in Hourly report	HOURLY	SKIP NOT SKIP	SKIP
Zero skip in Daily Net report (XE-A307)	DAILY NET	SKIP NOT SKIP	SKIP

■ PRINT SELECT

1) Select "2 PRINT SELECT" from the REPORT menu to display the items list.

PRINT SELECT	
SEPARATOR LINE	YES
Z COUNTER	YES
GT1 ON Z	YES
GT2 ON Z	YES
GT3 ON Z	YES
TR GT ON Z	YES
PGM	01

Item	Text	Detail	Default
Separator line print in report	SEPARATOR LINE	NO YES	YES
Z COUNTER print on Z1/Z2 report	Z COUNTER	NO YES	YES (Sweden fiscal: Fixed "YES")

Item	Text	Detail	Default
GT1 print on Z report	GT1 ON Z	NO YES	YES (Sweden fiscal: Fixed "YES")
GT2 print on Z report	GT2 ON Z	NO YES	YES (Sweden fiscal: Fixed "YES")
GT3 print on Z report	GT3 ON Z	NO YES	YES (Sweden fiscal: Fixed "YES")
BALANCE GT print on Z report (XE-A217W/B ONLY)	BAL GT ON Z	NO YES	YES
TRAINING GT print on Z report	TR GT ON Z	NO YES	YES (Sweden fiscal: Fixed "NO")
GT1 print on X report	GT1 ON X	NO YES	NO (Sweden fiscal: Fixed "YES")
GT2 print on X report	GT2 ON X	NO YES	NO (Sweden fiscal: Fixed "YES")
GT3 print on X report	GT3 ON X	NO YES	NO (Sweden fiscal: Fixed "YES")
TRAINING GT print on X report	TR GT ON X	NO YES	NO (Sweden fiscal: Fixed "NO")
VOID MODE (&MGR VOID) print on X1Z1 report	VD MODE ON X1Z1	NO YES	YES (Sweden fiscal: Fixed "YES")
VOID MODE (&MGR VOID) print on X2Z2 report	VD MODE ON X2Z2	NO YES	YES
DATA print in PLU report (XE-A207W/B, XE-A217W/B)	PLU DATA ON Z	NO YES	YES
DATA print in PLU/EAN report (XE-A307)	PLU/EAN DATA ON Z	NO YES	YES
DATA print in EJ report (instead of "DATA CLEAR")	EJ DATA ON Z	NO YES	YES
EJ printing size (XE-A207W/B, XE-A217W/B)	EJ SIZE	NORMAL SMALL	SMALL
JOURNAL & EJ printing size (XE-A307)	JOURNAL SIZE	NORMAL SMALL	SMALL

■ Z COUNTER

- 1) Select "3 Z COUNTER" from the REPORT menu to display the items list.

```

Z COUNTER
GENERAL Z1      0000
GENERAL Z2      0000

PGM                                01
    
```

Item	Text	Detail	Default
Z1 report counter	GENERAL Z1	4 digits (0000 to 9999)	0000 (Sweden fiscal is invalid.)
Z2 report counter	GENERAL Z2	4 digits (0000 to 9999)	0000

■ Z1 GENERAL REPORT

- 1) Select "4 Z1 GENERAL REPORT" from the REPORT menu to display the items list.

```

Z1 GENERAL REPORT
SD: SAVE SALES      NO
SD: SAVE EJ         NO
SD: SAVE ALL RAM    NO
CLEAR EJ            NO
RESET GT            NO

PGM                                01
    
```

Item	Text	Detail	Default
Save SALES DATA in SD	SD: SAVE SALES	YES NO	NO
Save EJ DATA in SD	SD: SAVE EJ	YES NO	NO
Save ALL RAM DATA in SD	SD: SAVE ALL RAM	YES NO	NO
EJ DATA clear	CLEAR EJ	YES NO	NO (Sweden fiscal: Invalid)
Z1 general resetting that resets BALANCE GT (XE-A217W/B ONLY)	RESET BAL GT	YES NO	NO
Z1 general resetting that resets GT	RESET GT	YES NO	NO (Sweden fiscal: Fixed "NO")

■ HOURLY REPORT

This menu can be selected after Z1 HOURLY REPORT before the start of REG transaction.

- 1) Select "5 HOURLY REPORT" from the REPORT menu to display the items list.

```

HOURLY REPORT
MEMORY TYPE      30MIN
START TIME       00

PGM                                01
    
```

Item	Text	Detail	Default
Memory type (24 hour)	MEMORY TYPE	30MIN 60MIN	30MIN
Starting time	START TIME	2 digits (00 to 23)	00

■ E.JOURNAL

- 1) Select "6 E.JOURNAL (XE-A307 is JOURNAL)" from the REPORT menu to display the items list.

```

E. JOURNAL
STORE TO SD      W SPACE
TR DATA STORE   NO
X DATA STORE    HEADER

PGM                                01
    
```

Item	Text	Detail	Default
Control characters (ex. double character) (From code: 0x00 to 0x1F, 0xFE, 0xFF) when EJ data is recorded in the SD CARD.	STORE TO SD	W SPACE AS IS	W SPACE
EJ (JOURNAL) recording in training mode	TR DATA STORE	YES NO	YES (Sweden fiscal: Fixed "YES")
Storage of X reports data in EJ (JOURNAL)	X DATA STORE	DETAIL HEADER	HEADER (Sweden fiscal: Fixed "DETAIL")

■ CCD(XE-A307)

- 1) Select "7 CCD" from the REPORT menu to display the items list.

```

CCD
CCD
LOCK OF REG
LOCK OF X
                                NO
                                NO
                                YES
                                YES

PGM                                01
    
```

Item	Text	Detail	Default
CCD compulsory	CCD	FOR ALL CLERK FOR IND.CLERK NO	NO
Locking of REG mode entry after individual clerk resetting	LOCK OF REG	YES NO	NO
In case of CCD compulsory, X report before CCD entry	LOCK OF X	YES NO	NO

5-10.MESSAGE

■ RECEIPT LOGO

- 1) Select "1 RECEIPT LOGO" from the MESSAGE menu to display the items list.

```

RECEIPT LOGO
THANK YOU
FOR YOUR
PURCHASE
WE ARE LO
FORWARD T
YOUR NEXT
PGM                                A 01
    
```

Item	Detail	Default
Position 1	30 character	THANK YOU
Position 2	30 character	FOR YOUR
Position 3	30 character	PURCHASE
Position 4	30 character	WE ARE LOOKING
Position 5	30 character	FORWARD TO
Position 6	30 character	YOUR NEXT VISIT

6-line header: All 6 lines are programmable.

3-line header: Upper 3 lines (1st - 3rd line) are programmable.

3-line footer: Lower 3 lines (4th - 6th line) are programmable.

Graphic logo only: No line is programmable.

■ E.BILL MESSAGE

This programming cannot be programmed in Sweden mode.

This programming can be programmed only when "Deutsch" language is selected at MASTER RESET.

- 1) Select "2 E.BILL MESSAGE" from the MESSAGE menu to display the items list.

```

E.BILL MESSAGE

PGM                                A 01
    
```

Detail	Default
30 character	(space)

5-11.DEVICE CONFIG

■ KEYBOARD

- 1) Select "1 KEYBOARD" from the DEVICE CONFIG menu to display the items list.

```

KEYBOARD
BUFFERING
TOUCH SOUND
                                YES
                                YES

PGM                                01
    
```

Item	Text	Detail	Default
Buffered E keyboard	BUFFERING	YES NO	YES
Key touch sound	TOUCH SOUND	YES NO	YES (Sweden fiscal: NO)

■ DISPLAY

- 1) Select "2 DISPLAY" from the DEVICE CONFIG menu to display the items list.

```

DISPLAY
POWER SAVE
P.SAVE AT TM
                                02
                                YES

PGM                                01
    
```

Item	Text	Detail	Default
Power Saving Time (minutes)	POWER SAVE	2 digits (0, 1 - 99) (0 means 100 minutes.)	2
Power saving during time display	P.SAVE AT TM	YES NO	YES

■ PRINTER

- 1) Select "3 PRINTER" from the DEVICE CONFIG menu to display the items list.

```

PRINTER
DENSITY          50
PGM              01
    
```

Item	Text	Detail	Default
Thermal printer programming	DENSITY	2 digit (0 to 99)	50

Selecting of light and shade

00 = 89% for Standard (80% for printer standard)

50 = Standard (90% for printer standard)

99 = 111% for Standard (100% for printer standard)

■ RS PORT(XE-A307)

- 1) Select "4 RS PORT" from the DEVICE CONFIG menu to display the items list.

```

RS PORT
USE          SCANNER
PGM         01
    
```

Item	Text	Detail	Default
Use for serial port	USE	ONLINE SCANNER	ONLINE (Sweden fiscal is fixed "ONLINE".)

* RS port is used for CONTROL UNIT in REG mode and for ONLINE in MODE/PGM/XZ mode.

■ ONLINE

- 1) Select "4(XE-A307 is 5) ONLINE" from the DEVICE CONFIG menu to display the items list.

```

ONLINE
TERMINAL No. . 000001
CI SIGNAL      NON
LINE FORM     FULL
BAUD RATE     19200
START CODE    002
END CODE      013
PGM           01
    
```

Item	Text	Detail	Default
TERMINAL NO.	TERMINAL No.	6 digits (0 to 999999)	1
Sensing of the CI signal	CI SIGNAL	SENSING NON	NON
Transmission Line form Half duplex / Full duplex SYSTEM	LINE FORM	HALF FULL	FULL
Transmission speed (bps)	BAUD RATE	38400 19200 9600 4800	19200
START CODE	START CODE	3 digits (0 to 127)	2
END CODE	END CODE	3 digits (0 to 127)	13
TIME OUT time (sec.)	TIME OUT	3 digits (1 to 255)	7

■ SCANNER(XE-A307)

- 1) Select "6 SCANNER" from the DEVICE CONFIG menu to display the items list.

```

SCANNER
TYPE RS-CD CONTROL
BAUD RATE 4800
DATA BIT 7 bits
PARITY ODD
STOP BIT 1 bit
ITF14 W LENGTH
PGM 01
    
```

Item	Text	Detail	Default
Scanner type	TYPE	RS-CS CONTROL RS-CD CONTROL	RS-CD CONTROL (Sweden fiscal is invalid.)
Transmission speed (bps)	BAUDRATE	19200 9600 4800	4800 (Sweden fiscal is invalid.)
Data bit	DATA BIT	7 bits 8 bits	7 bits (Sweden fiscal is invalid.)
Parity bit	PARITY	NON ODD EVEN	ODD (Sweden fiscal is invalid.)
Stop bit	STOP BIT	1 bit 2 bits	1 bit (Sweden fiscal is invalid.)
ITF-14 data format from BCR W/O LENGTH: Not exist number of characters W LENGTH: Exist number of characters	ITF14	W/O LENGTH W LENGTH	W LENGTH (Sweden fiscal is invalid.)

Note: Default preset is provided for default setting of ER-A6HS1.

■ CONTROL UNIT

This programming can be programmed in Sweden mode.

- 1) Select "5(XE-A307 is 7) CONTROL UNIT" from the DEVICE CONFIG menu to display the items list.

```

CONTROL UNIT
TYPE CashControlUnit
BAUD RATE 9600
PGM 01
    
```

Item	Text	Detail	Default
Type	TYPE	CleanCash CashControlUnit	CashControl Unit
Transmission speed	BAUD RATE	38400 19200 9600	9600

5-12.TAX

■ TAX SYSTEM

- 1) Select "1 TAX SYSTEM" from the TAX menu to display the items list.

```

TAX SYSTEM
AUTO VAT1-4
PGM 01
    
```

Item	Detail		Default
	Except Sweden fiscal	Sweden fiscal	
TAX system	VAT1 & TAX2 - 4 MANUAL TAX1 - 4 MANUAL VAT1 MANUAL VAT1 - 4 AUTO VAT1 - 4 AUTO TAX1 - 4	(Selectable) Auto VAT1 - 4 Auto TAX1 - 4	AUTO VAT1 - 4

■ TAX1 - TAX4

- 1) Select "2 TAX1", "3 TAX2", "4 TAX3", or "5 TAX4" from the TAX menu to display the items list.

```

TAX1
TAX RATE 0.0000%
RATE SIGN +
LOWER TAX 0.00
PGM 01
    
```

Item	Text	Detail	Default
TAX rate	TAX RATE	7 digits (3 integer + 4 decimal) (0.0000% - 999.9999%)	0.0000
Sign (This item is invalid in VAT system.)	RATE SIGN	+ -	+
Lower TAX limit (This item is invalid in VAT system.)	LOWER TAX	5 digits (0.00 to 999.99)	0.00

5-13.AUTO KEY

■ KEY TEXT

- 1) Select "1 KEY TEXT" from the AUTO KEY menu to display the items list.

```

KEY TEXT
1 AUTO 1
2 AUTO 2
3 AUTO 3
4 AUTO 4
5 AUTO 5
PGM                                01
    
```

- 2) Select "1 AUTO 1", "2 AUTO 2", "3 AUTO 3", "4 AUTO 4", or "5 AUTO 5" from the KEY TEXT menu to display the items list.

```

AUTO 1
TEXT          AUTO 1
PGM          A    01
    
```

Item	Text	Detail	Default
Text	TEXT	12 characters	AUTO X (X: AUTO KEY NUMBER)

■ KEY SEQUENCE

- 1) Select "2 KEY SEQUENCE" from the AUTO KEY menu to display the items list.

```

KEY SEQUENCE
1 AUTO 1
2 AUTO 2
3 AUTO 3
4 AUTO 4
5 AUTO 5
PGM                                01
    
```

- 2) Select "1 AUTO 1", "2 AUTO 2", "3 AUTO 3", "4 AUTO 4", or "5 AUTO 5" from the KEY SEQUENCE menu to display the items list.

```

AUTO 1
PGM                                01
    
```

FUNCTION KEY

Key	Key text
0 KEY	0 KEY
1 KEY	1 KEY
2 KEY	2 KEY
3 KEY	3 KEY
4 KEY	4 KEY
5 KEY	5 KEY
6 KEY	6 KEY
7 KEY	7 KEY
8 KEY	8 KEY
9 KEY	9 KEY
00 KEY	00 KEY
(X)	X
Decimal Point	. KEY
Clear	CL
Cursor up	UP
Cursor down	DOWN
Mode	MODE
ESC/CANCEL	ESC/CANCEL
#/TM/ST	#/TM/ST
TL/NS	TL/NS
Payment menu	PAYMENT MN
FUNCTION MENU	FUNCTION MN
Check 1	CHECK1
Credit 1	CREDIT1
PLU number	PLU#
Department number	DEPT#
DEPT SHIFT	DEPT SHIFT
Clerk number	CLK#
EJ VIEW	EJ VIEW
PO	PO
%1	%1
(-)	(-)
Void	VOID
Refund	REFUND
HELP	HELP
G.C. Receipt	GC RCPT
VAT Shift	VAT SHIFT
Guest Look Up	GLU
New Balance	NBAL
Level shift 1	L1
Level shift 2	L2
Level shift 3	L3
Exchange	EX
000 KEY	000 KEY

XE-A207W/B DEPARTMENT DIRECT KEY

Key	Key text
DEPT 1/17	D01
DEPT 2/18	D02
DEPT 3/19	D03
DEPT 4/20	D04
DEPT 5/21	D05
DEPT 6/22	D06
DEPT 7/23	D07
DEPT 8/24	D08
DEPT 9/25	D09
DEPT10/26	D10
DEPT11/27	D11
DEPT12/28	D12
DEPT13/29	D13
DEPT14/30	D14
DEPT15/31	D15
DEPT16/32	D16

XE-A217W/B PLU DIRECT KEY

Key	Key text
PLU 1/ 71/141	P00001
PLU 2/ 72/142	P00002
PLU 3/ 73/143	P00003
PLU 4/ 74/144	P00004
PLU 5/ 75/145	P00005
PLU 6/ 76/146	P00006
PLU 7/ 77/147	P00007
PLU 8/ 78/148	P00008
PLU 9/ 79/149	P00009
PLU10/ 80/150	P00010
PLU11/ 81/151	P00011
PLU12/ 82/152	P00012
PLU13/ 83/153	P00013
PLU14/ 84/154	P00014
PLU15/ 85/155	P00015
PLU16/ 86/156	P00016
PLU17/ 87/157	P00017
PLU18/ 88/158	P00018
PLU19/ 89/159	P00019
PLU20/ 90/160	P00020
PLU21/ 91/161	P00021
PLU22/ 92/162	P00022
PLU23/ 93/163	P00023
PLU24/ 94/164	P00024
PLU25/ 95/165	P00025
PLU26/ 96/166	P00026
PLU27/ 97/167	P00027
PLU28/ 98/168	P00028
PLU29/ 99/169	P00029
PLU30/100/170	P00030

Key	Key text
PLU31/101/171	P00031
PLU32/102/172	P00032
PLU33/103/173	P00033
PLU34/104/174	P00034
PLU35/105/175	P00035
PLU36/106/176	P00036
PLU37/107/177	P00037
PLU38/108/178	P00038
PLU39/109/179	P00039
PLU40/110/180	P00040
PLU41/111/181	P00041
PLU42/112/182	P00042
PLU43/113/183	P00043
PLU44/114/184	P00044
PLU45/115/185	P00045
PLU46/116/186	P00046
PLU47/117/187	P00047
PLU48/118/188	P00048
PLU49/119/189	P00049
PLU50/120/190	P00050
PLU51/121/191	P00051
PLU52/122/192	P00052
PLU53/123/193	P00053
PLU54/124/194	P00054
PLU55/125/195	P00055
PLU56/126/196	P00056
PLU57/127/197	P00057
PLU58/128/198	P00058
PLU59/129/199	P00059
PLU60/130/200	P00060
PLU61/131/201	P00061
PLU62/132/202	P00062
PLU63/133/203	P00063
PLU64/134/204	P00064
PLU65/135/205	P00065
PLU66/136/206	P00066
PLU67/137/207	P00067
PLU68/138/208	P00068
PLU69/139/209	P00069
PLU70/140/210	P00070

XE-A307 PLU DIRECT KEY

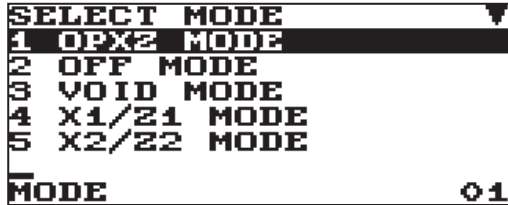
Key	Key text
DEPT 1/21	D01
DEPT 2/22	D02
DEPT 3/23	D03
DEPT 4/24	D04
DEPT 5/25	D05
DEPT 6/26	D06
DEPT 7/27	D07
DEPT 8/28	D08
DEPT 9/29	D09
DEPT10/30	D10
DEPT11/31	D11
DEPT12/32	D12
DEPT13/33	D13
DEPT14/34	D14
DEPT15/35	D15
DEPT16/36	D16
DEPT17/37	D17
DEPT18/38	D18
DEPT19/39	D19
DEPT20/40	D20

CHAPTER 3. SRV MODE

1. GENERAL

■ OPERATION

1) Press the [MODE] key. The following mode screen is displayed.



2) Enter service secret code (8 digits) and press [TL/NS] key. (Default:99999999)



■ SWEDEN FISCAL

- Swedish fiscal start job is executed by [4], [6], [.], and [x] key.
- Select "1.OK" and press [TL/NS] key.

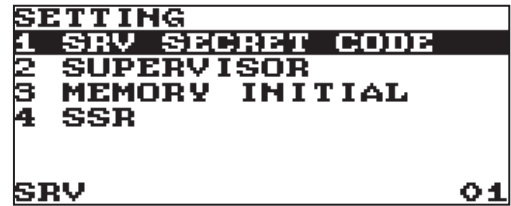
■ Menu list

Tree1		Tree2		Tree3	
1	READING	1	SSR	1	ALL
				2	BY SSR NO.
2	SETTING	1	SSR SECRET CODE	1	SSR INPUT
				2	SSR EDIT
				3	SSR ALL CLEAR
				4	SSR IND.CLEAR
				5	SSR REACTIV.
3	SD CARD	Refer to the Chapter 4.			
4	DIAGNOSTIC	Refer to "Chapter 5. Diagnostic Program Description" in Service Manual.			

2. SETTING

■ OPERATION

- Select "2 SETTING" from the SRV mode menu to display the items list.
- Select an item listed in the display.



2-1. SRV SECRET CODE

- Select "1 SRV SECRET CODE" from the SETTING menu to display the items list.

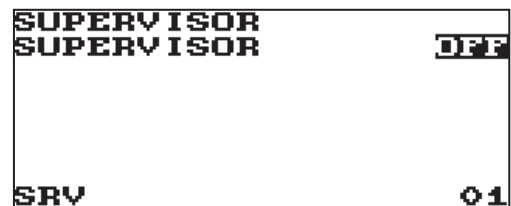


Item	Text	Detail	Default
SRV MODE SECRET CODE	SECRET CODE	8 digits (00000000 - 99999999)	99999999

* If secret code programmed less than 8 digits, leading will be added automatically.

2-2. SUPERVISOR

- Select "2 SUPERVISOR" from the SETTING menu to display the items list.



Contents	Text	Detail	Default
Supervisor mode	SUPERVISOR	ON OFF	OFF

* All modes can be accessed without clerk assignment when SUPERVISOR mode is "ON".

2-3. MEMORY INITIAL

- 1) Select "3 MEMORY INITIAL" from the SETTING menu to display the items list.
- 2) When this job is selected, YES/NO dialogue is appeared. If "YES" is selected, MEMORY INITIAL is executed.

```

ARE YOU SURE ?
MEMORY INITIAL
1. YES
2. NO
SRV 01
  
```

MEMORY INITIAL clears the following data.

- GT
- Z counter
- Totalizer (Quantity/Amount, Daily/Term)
- CC-No.
- Transaction No. (for Sweden, NORMAL/TRAINING)
- EJ
- EJ VIEW

MEMORY INITIAL prints the following data on journal (EJ).

```

#000000 31/05/2011 14:35
01 CLERK01 000000
MEMORY INITIAL
  
```

2-4. SSR

- 1) Select "4 SSR" from the SETTING menu to display the items list.
- 2) Select a pertinent dept. code from the SSR list.

```

SSR
1 SSR INPUT
2 SSR EDIT
3 SSR ALL CLEAR
4 SSR IND.CLEAR
5 SSR REACTIV.
SRV 01
  
```

■ SSR INPUT

- 1) Select "1 SSR INPUT" from the SSR menu to display the items list.

```

SSR INPUT
STEP# 1
SRV 01
  
```

- 2) Input the SSR data.
 - STEP#1: SSR No.(1 to 127)
 - STEP#2 to 4000: SSR data(0 to 127)
 - [↑][↓] key can be used for re-entering SSR No. and SSR data.
 - [TL/NS] key cannot be entered until 10 steps are entered.
 - Header, title and programming content are printed (recorded) on journal (EJ).

■ SSR EDIT

This job can be executed after SSR that includes over 10 steps was entered.

This job can be executed when all SSR are invalid by "SSR ALL CLEAR" job or "SSR IND.CLEAR" job.

- 1) Select "2 SSR EDIT" from the SSR menu to display the items list.
 - STEP#1: SSR No.(1 to 127)
 - STEP#2 to 4000: SSR data(0 to 127)
 - [↑][↓] key can be used for re-entering SSR No. and SSR data.
 - [TL/NS] key cannot be entered until 10 steps are entered.
 - Header, title and programming content are printed (recorded) on journal (EJ).

```

SSR EDIT
STEP# 1 3
STEP# 2 120
STEP# 3 10
STEP# 4 20
STEP# 5 10
SRV 01
  
```

■ SSR ALL CLEAR

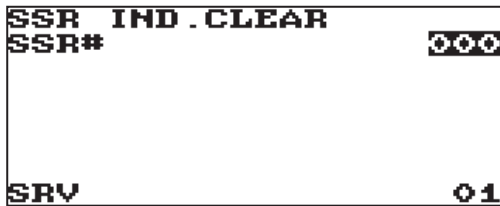
- 1) Select "3 SSR ALL CLEAR" from the SSR menu to display the items list.
- 2) YES/NO dialogue is appeared. If "YES" is selected, all SSR get invalid.



- This job can be executed, even if there is no valid SSR data.
- Nothing is printed (recorded) on journal (EJ).

■ SSR IND. CLEAR

- 1) Select "4 SSR IND. CLEAR" from the SSR menu to display the items list.



- 2) SSR# is entered, YES/NO dialogue is appeared. If "YES" is selected, all SSR get invalid. (Nothing is printed (recorded) on journal (EJ).)



■ SSR REACTIVATION

- 1) Select "5 SSR REACTIVATION" from the SSR menu to display the items list.



- 2) YES/NO dialogue is appeared. If "YES" is selected, all SSR get valid.
- This job can be executed after SSR that includes over 10 steps was entered.
 - This job can be executed, even if there is no invalid SSR data.
 - Nothing is printed (recorded) on journal (EJ).

CHAPTER 4. SD CARD MODE

1. GENERAL

■ PURPOSE

In ECR, SD card is the tool for providing the each data of ECR to by offline and saving/loading ALL RAM DATA at ECR.

■ TARGET SD CARD

- San Disk (4GB - 32GB)

* This model does not support the card with adapters such as “Mini SD”, “Micro SD”.

■ ROOT FOLDER NAME

- XE-A207/A217: ECRXXX11
- XE-A307: ECRXXX12

■ List of the data on SD card

Kinds of data	Purpose	Direction
All RAM Data	DATA BACKUP	ECR → (SD) ECR ← (SD)
SSR Data	SSR Data backup and install	ECR → (SD) ECR ← (SD)
Programming Data	For using on PC	ECR ← (SD) → PC ECR ← (SD) ← PC
Sales Data	For using on PC	ECR ← (SD) → PC
EJ Data	For using on PC	ECR ← (SD) → PC

■ MENU

MODE

SD CARD MODE	SAVING	SAVE	SALES DATA	
			ALL PROGRAM	
			ALL RAM DATA	
		SAVE FOR ONLINE	EJ DATA	
	LOADING	IND. PROGRAM	DEPARTMENT PLU/EAN GRAPHIC LOGO LOGO TEXT TAX	
			ALL PROGRAM	
			ALL RAM DATA	
	FOLDER CONTROL	CREATE FOLDER		
		SELECT FOLDER		
	FORMATTING			

SRV MODE

SD CARD	SAVING	SAVE	SALES DATA	
			ALL PROGRAM	
			ALL RAM DATA	
			SSR DATA	
		SAVE FOR ONLINE	EJ DATA	
	LOADING	ALL PROGRAM		
		ALL RAM DATA		
		SSR DATA		
		ROM UPDATE		
	FOLDER CONTROL	CREATE FOLDER		
		SELECT FOLDER		
	FORMATTING			

■ FILE LIST ON SD CARD

The data is saved in SD card as the files that have the two following kinds.

- *.FDS
- *.SDA

* is a same name for each file.

And, the “*.REC” files are created to control the files in SD card.

These files are used only for the “SD CARD FUNCTION” of this model.

■ LIST OF FOLDER

The user folder is made at a folder “\SHARP\yyyyyyyy”.

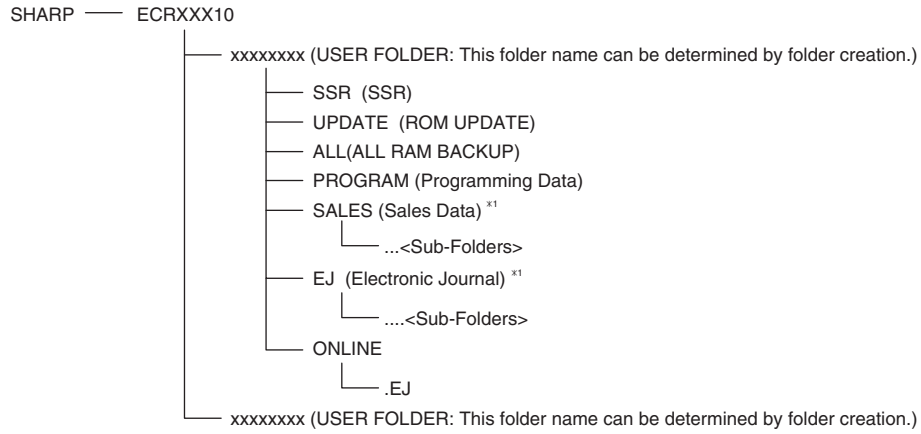
\ALL, \EJ, \ONLINE, \PROGRAM, \SALES, \SSR and \UPDATE are made at the user folder.

\EJ is made at the folder “\SHARP\yyyyyyyy\xxxxxxx\ONLINE”.

The file “SRECORD.REC” is made at the folder “\SHARP\yyyyyyyy\xxxxxxx\SALES” and “\SHARP\yyyyyyyy\xxxxxxx\EJ”.

Note:

- The file “SRECORD.REC” is used for control the structure under each folder. Any users do not need to concern its contents.
- “yyyyyyyy” is “ECRXXX11” for XE-A207/A217 and “ECRXXX12” for XE-A307.



*1: Directories that name are defined based on “date” are automatically Dcreated at saving.

ex.) 2011/7/11

Y	Y	M	M	D	D	-	N
1	1	0	7	1	1	-	1

YY: Last 2 digits of YEAR

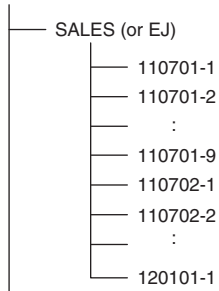
MM: MONTH

DD: DAY

N: Sequential number (1 to 9)

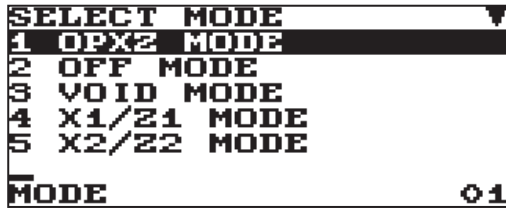
When Sales Z is done twice in a day, N is 2. When one more Z is done, N becomes 3.

<Sub-Folders>



■ OPERATION

- 1) Press the [MODE] key. The following mode screen is displayed.



- 2) Move the cursor to [7 SD CARD MODE] by using the [↑] or [↓] key, and press the [TL/NS] key. Or Enter the [7] key and press the [TL/NS] key.

In SRV MODE

- 1) Enter service secret code (8 digits) and press [TL/NS] key. (Default: 99999999)



- 2) Move the cursor to [3 SD CARD MODE] by using the [↑] or [↓] key, and press the [TL/NS] key. Or Enter the [3] key and press the [TL/NS] key.

2. FORMATTING

This job formats SD card. (It deletes all data on SD card.)

After formatting card, the folder "SHARP\ECRyyyyyyy\" is made at a root directory.

Note: "yyyyyyy" is "ECRXXX11" for XE-A207/A217 and "ECRXXX12" for XE-A307.

The active user folder is not changed by the FORMATTING function.

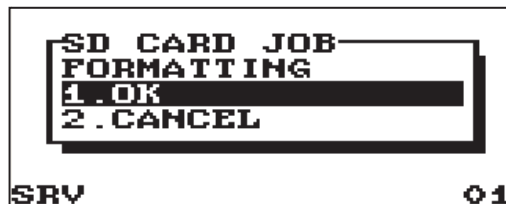
* All the data currently written in SD card is erased.

■ OPERATION

- 1) Select "4 FORMATTING" from the menu to display the items list.



- 2) FORMATTING is entered, OK/CANCEL dialogue is appeared. If "OK" is selected, FORMATTING is executed.



3. FOLDER CONTROL

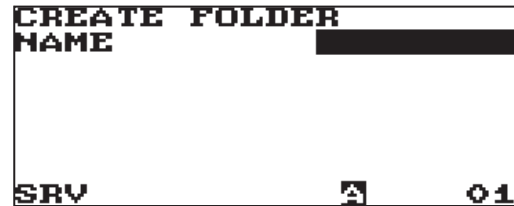
■ OPERATION

- 1) Select "3 FOLDER CONTROL" from the menu to display the items list.



3-1. CREATE FOLDER

- 1) Select "1 CREATE FOLDER" from the FOLDER CONTROL list.



- 2) Enter folder name to create. Press [ESC/CANCEL] key, return to upper menu.



- 3) When [TL/NS] key is depressed, "OK/CANCEL" dialogue is displayed. dialogue is displayed. If "OK" is selected, the new folder of the name is created. Even if the folder of the name has already existed in the SD card, no error occurs. If the name is blank, "INVALID NAME" error is occurred.



■ Specifications for the name of the user folder

- MAX 8 characters
- Following characters can be entered for folder name. A - Z, 0 - 9, !, #, \$, %, &, ', (,), -, @, ^, _ , ` , { , } , ~
- [DC] is not available.
- [SHIFT] is not available.
- [CAPS] is not available.

3-2. SELECT FOLDER

- 1) Select "2 SELECT FOLDER" from the FOLDER CONTROL list.



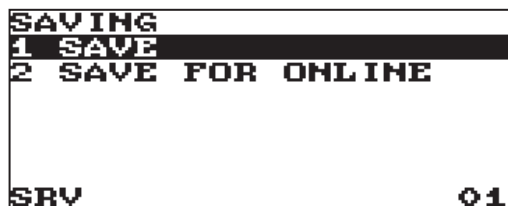
- 2) Select the folder as current folder. Or same as selecting an item that has the appointed serial number and entering [TL/NS] key. If the entered number is bigger than the number of the folders, "ENTRY ERROR/OUT OF RANGE" error is occurred. Press [ESC/CANCEL] key, return to upper menu.

4. SAVING / LOADING

All sales data (Daily and term) are saved in SD card. Maximum 400 times data is kept in SD card when the SD memory is not full.

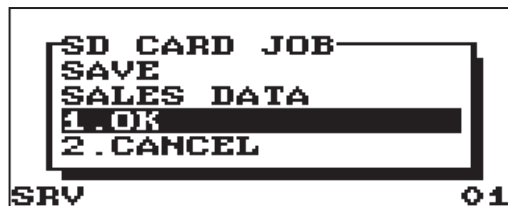
■ OPERATION

- 1) Select "1 SAVING" or "2 LOADING" from the menu to display the items list.



4-1. SALES DATA (SAVING ONLY)

- 1) Select "1 SALES DATA" from the SAVING list.
- 2) SALES DATA is entered, OK/CANCEL dialogue is appeared. If "OK" is selected, SAVE SALES DATA is executed.



The action is as below.

Each files are used only for the software on PC.

- 1) The ECR creates a new sub-folder under the "SALES" folder. → Refer to "■ LIST OF FOLDER". The folder name is formatted "YYMMDD-N" using date (YYMMDD) and unique number (N). Firstly, the ECR checks whether there is a folder named "YYMMDD-9". If there is the folder, "CAN NOT CREATE FOLDER" error occurs. Otherwise, → 2)

- 2) The ECR checks whether there is a folder named "YYMMDD-8". "YYMMDD" is same as Step1. If there is not the folder, the ECR checks whether there is a folder "YYMMDD-N" with decreased N. If the ECR find a existing folder, → 3). If a folder named "YYMMDD-1" is not existing, the ECR creates a folder "YYMMDD-1". → 4)
- 3) When there is a folder named "YYMMDD-N", the ECR creates a folder named "YYMMDD-(N+1)". → 4) For example, when there is a folder named "080902-3", a folder named "080902-4" is created.

No.	Item	File name	Contents
1	Department Daily	DEPTX1.CSV	CODE
2	Department Term	DEPTX2.CSV	TEXT QUANTITY AMOUNT GROUP
3	PLU (/EAN) Daily	PLUX1.CSV	CODE
4	PLU(/EAN) Term (XE-A307)	PLUX2.CSV	TEXT QUANTITY AMOUNT DEPT
5	Transaction Daily	TRANSX1.CSV	FUNCTION
6	Transaction Term	TRANSX2.CSV	TEXT QUANTITY AMOUNT
7	Clerk Daily	CLK01X1.CSV CLK02X1.CSV CLK25X1.CSV	FUNCTION TEXT QUANTITY AMOUNT
8	Clerk Term (XE-A307)	CLK01X2.CSV CLK02X2.CSV : CLK25X2.CSV	
9	Hourly	HOURLY.CSV	TIME QUANTITY AMOUNT
10	Daily Net (XE-A307)	DAILYNET.CSV	DATE QUANTITY AMOUNT

- 4) Create the "STATUS.REC" file in new sub-folder when all files are saved completely.
- 5) Update the "SRECORD.REC" file for changing the structure of sub-folder.

■ EXAMPLES OF SALES DATA FILE

Each file is text data of the Comma Separated Value.

Department

CODE	TEXT	QUANTITY	AMOUNT	GROUP
01	DEPT.01	131.000	131.00	01
02	DEPT.02	-52.000	-104.00	01
03	DEPT.03	88.000	164.00	01
04	DEPT.04	3.000	12.00	01
05	DEPT.05	15.000	75.00	01
06	DEPT.06	-1.000	-6.00	02
07	DEPT.07	0.000	0.00	02
08	DEPT.08	2.000	2.00	02
09	DEPT.09	0.000	0.00	02
10	DEPT.10	88.000	-164.00	10
11	DEPT.11	0.000	0.00	11
12	DEPT.12	0.000	0.00	12
:				
99	DEPT.99	0.000	0.00	01

- CODE and GROUP is not 0-suppressed.
- TEXT is written with double quotes.
- A double character code is changed to a space character code.
ex) DEPT.O1 → "DEPT. 0 1"
- QUANTITY and AMOUNT is written with ' - ' when the value is negative.
- QUANTITY and AMOUNT is written with 2 ' ! ' when the value is overflowing.
- QUANTITY is written without decimal point when "DECIMAL QUANTITY = NO" is set at PGM OPTIONAL.
ex) 01,"DEPT.01",131,131.00,01
- AMOUNT is written without tab when "TAB = 0" is set at PGM OPTIONAL.
ex) 01,"DEPT.01",131.000,13100,01

PLU(EAN)

CODE	TEXT	QUANTITY	AMOUNT	DEPT
00001	PLU00001	131.000	131.00	01
00002	PLU00002	-52.000	-104.00	01
00003	PLU00003	88.000	164.00	01
00004	PLU00004	3.000	12.00	01
00005	PLU00005	15.000	75.00	01
00006	PLU00006	-1.000	-6.00	06
00007	PLU00007	0.000	0.00	06
00008	PLU00008	2.000	2.00	06
00009	PLU00009	0.000	0.00	06
00010	PLU00010	88.000	-164.00	10
:				
490333302 5367	XYLITOL	0.000	0.00	01
123456	CANDY	0.000	0.00	01
999999999 99997	Bulk	0.000	0.00	09

*1

*1

*1

- CODE and DEPT is not 0-suppressed.
- TEXT is written with double quotes.
- A double character code is changed to a space character code.
ex) SETLL → "SET L L"
- QUANTITY and AMOUNT is written with ' - ' when the value is negative.
- QUANTITY and AMOUNT is written with 2 ' ! ' when the value is overflowing.
- QUANTITY is written without decimal point when "DECIMAL QUANTITY = NO" is set at PGM OPTIONAL.
ex) 00001,"PLU00001",131,131.00,01
- AMOUNT is written without tab when "TAB = 0" is set at PGM OPTIONAL.
ex) 00001,"PLU00001",131.000,13100,01

*1: XE-A307 only.

TRANSACTION

FUNCTION	TEXT	QUANTITY	AMOUNT
(-)	DISCOUNT	1	-1.00
%1	COUPON	1	-0.50
%2	%2	0	0.00
VOID	VOID	0	0.00
SBTL VOID	SBTL VOID	0	0.00
MGR VOID	VOID MODE ITEM	0	0.00
VOID MODE	VOID MODE	0	0.00
REFUND	REFUND	0	0.00
:			
CHK/CG	CHK/CG	0	0.00

- FUNCTION and TEXT are written with double quotes.
- A double character code is changed to a space character code.
ex) (-) → " (-)"
- QUANTITY and AMOUNT is written with ' - ' when the value is negative.
- QUANTITY and AMOUNT is written with 2 ' ! ' when the value is overflowing.
- AMOUNT is written without tab when "TAB = 0" is set at PGM OPTIONAL.
ex) "(-)","DISCOUNT",1,-100

FUNCTION is fixed text.

FUNCTION and the order is as follows.

Fixed text	Item	condition
ITEM (-)	(-)	
ITEM %1	1%	
ITEM %2	2%	
DIFFER	DIFFER	"DIFFER MEMORY = YES"
TAX1 ST	TAXABLE1 ST	
TAX2 ST	TAXABLE2 ST	*
TAX3 ST	TAXABLE3 ST	*
TAX4 ST	TAXABLE4 ST	*
VAT 1	VAT/TAX 1	

Fixed text	Item	condition
VAT 2	VAT/TAX 2	*
VAT 3	VAT/TAX 3	*
VAT 4	VAT/TAX 4	*
NET1	NET1	
NET2	NET2	
VOID	VOID	
SBTL VOID	SBTL VOID	
MGR VOID	MANAGER VOID	"VOID MODE = ENABLE" and Normal mode
VOID MODE	VOID MODE	"VOID MODE = ENABLE"
REFUND	REFUND	
HASH VOID	HASH VOID	"HASH DEPT = YES"
HASH RF	HASH REFUND	"HASH DEPT = YES"
BILL CNT	BILL COUNTER	
NO SALE	NO SALE	
***RA	RA	
***PO	PO	
SCM(+)	SCM(+)	
SCM(-)	SCM(-)	
CA/CHK	CHECK CASHING	Normal mode
CASH	CASH	
CHECK1	CHECK1	
CHECK2	CHECK2	
CREDIT1	CREDIT1	
CREDIT2	CREDIT2	
EXCH1	EXCHANGE1 (PRESET)	
EXCH2	EXCHANGE2 (OPEN)	
CID	CASH IN DRAWER	
CA/CHK ID	CASH/CHECK IN DRAWER	
CHK/CG	CHECK CHANGE	
GUEST	CUSTOMER (TRANS.COUNT)	
ORDER TL	ORDER TOTAL	XE-A207W/B, XE-A217W/B
PAID TL	PAID TOTAL	
DOM.CUR1	DOMESTIC CURRENCY1	
DOM.CUR2	DOMESTIC CURRENCY2	
*CH ID	CHECK IN DRAWER	
COPY	COPY RCPT TITLE	Swedish mode
EX1 CHK	EXCHANGE 1 CHECK	"PAY FOR EX1 = ALL"
EX1 CR	EXCHANGE 1 CREDIT	"PAY FOR EX1 = ALL"
DOM.CUR1 CHK	DOMESTIC CURRENCY FOR EX1 CHECK	"PAY FOR EX1 = ALL"
DOM.CUR1 CR	DOMESTIC CURRENCY FOR EX1 CREDIT	"PAY FOR EX1 = ALL"

Fixed text	Item	condition
TRAINING	TRAINING	Swedish mode
***PBAL	PBAL	XE-A217W/B ONLY
VAT SFT	VAT SHIFT	XE-A217W/B ONLY
TAX DELE	VAT/TAX DELETE	XE-A217W/B ONLY
OVCS REMAIN	OVERLAPPED CLERK REMAIN	"OVERLAPPED CLERK=YES" (XE-A307 ONLY)
EXCH1 IS	EXCHANGE1 IS	"CCD=FOR ALL CLERK" or "CCD=FOR IND.CLERK" (XE-A307 ONLY)
CA/CHK IS	CASH/CHECK IS	"CCD=FOR ALL CLERK" or "CCD=FOR IND.CLERK" (XE-A307 ONLY)
SBTL (-)	(-) (ST)	
SBTL %1	% (ST)	
SBTL %2	%2 (ST)	

* "TAX SYSTEM = AUTO VAT1 - 4" or "TAX SYSTEM = MANUAL VAT1 - 4" or "TAX SYSTEM = AUTO TAX1 - 4" or "TAX SYSTEM = MANUAL TAX1 - 4" or "TAX SYSTEM = VAT1 & TAX2 - 4"

CLERK

FUNCTION	TEXT	QUANTITY	AMOUNT
PAID TL	PAID TL	1	1.00
VOID	VOID	0	0.00
SBTL VOID	SBTL VOID	0	0.00
MGR VOID	VOID MODE ITEM	0	0.00
VOID MODE	VOID MODE	0	0.00
REFUND	REFUND	0	0.00
:			
*CH ID	CHECK ID	0	0.00
CA/CHK ID	CA/CHK ID	0	0.00
CHK/CG	CHK/CG	0	0.00

- FUNCTION and TEXT are written with double quotes.
- A double character code is changed to a space character code.
ex) CASH → " CASH"
- QUANTITY and AMOUNT is written with ' - ' when the value is negative.
- QUANTITY and AMOUNT is written with 2 ' ! ' when the value is overflowing.
- AMOUNT is written without tab when "TAB = 0" is set at PGM OPTIONAL.
ex) "PAID TL", "PAID TL", 1, 100

FUNCTION is fixed text.
 FUNCTION and the order is as follows.

Fixed text	Item	condition
VOID	VOID	
SBTL VOID	SBTL VOID	
MGR VOID	MANAGER VOID	"VOID MODE = ENABLE" and Normal mode
VOID MODE	VOID MODE	"VOID MODE = ENABLE"
REFUND	REFUND	
NO SALE	NO SALE	
***RA	RA	
***PO	PO	
SCM(+)	SCM(+)	
SCM(-)	SCM(-)	
CA/CHK	CHECK CASHING	Normal mode
CASH	CASH	
CHECK1	CHECK1	
CHECK2	CHECK2	
CREDIT1	CREDIT1	
CREDIT2	CREDIT2	
EXCH1	EXCHANGE1 (PRESET)	
EXCH2	EXCHANGE2 (OPEN)	
CID	CASH IN DRAWER	
CA/CHK ID	CASH/CHECK IN DRAWER	
CHK/CG	CHECK CHANGE	
GUEST	CUSTOMER (TRANS.COUNT)	
ORDER TL	ORDER TOTAL	XE-A207W/B, XE-A217W/B
PAID TL	PAID TOTAL	
DOM.CUR1	DOMESTIC CURRENCY1	
DOM.CUR2	DOMESTIC CURRENCY2	
*CH ID	CHECK IN DRAWER	
EX1 CHK	EXCHANGE 1 CHECK	"PAY FOR EX1 = ALL"
EX1 CR	EXCHANGE 1 CREDIT	"PAY FOR EX1 = ALL"
DOM.CUR1 CHK	DOMESTIC CURRENCY FOR EX1 CHECK	"PAY FOR EX1 = ALL"
DOM.CUR1 CR	DOMESTIC CURRENCY FOR EX1 CREDIT	"PAY FOR EX1 = ALL"
***PBAL	PBAL	XE-A217W/B ONLY
EXCH1 IS	EXCHANGE1 IS	"CCD=FOR ALL CLERK" or "CCD=FOR IND.CLERK" (XE-A307 ONLY)
CA/CHK IS	CASH/CHECK IS	"CCD=FOR ALL CLERK" or "CCD=FOR IND.CLERK" (XE-A307 ONLY)

HOURLY

TIME	QUANTITY	AMOUNT
00:00	1	1.00
00:30	0	0.00
01:00	0	0.00
01:30	0	0.00
:		
23:30	0	0.00

- QUANTITY and AMOUNT is written with ' - ' when the value is negative.
- QUANTITY and AMOUNT is written with 2 ' ! ' when the value is overflowing.
- AMOUNT is written without tab when "TAB = 0" is set at PGM OPTIONAL.
 ex) 00:00,1,100

DAILY NET (XE-A307)

DATE	QUANTITY	AMOUNT
"04/01/11"	101	5231.50
"05/01/11"	50	-1.00
"06/01/11"	34	289.00
"09/01/11"	0	0.00
"10/01/11"	83	195.25
"11/01/11"	40	285.00
:		

- DATE is written with double quotes.
- QUANTITY and AMOUNT is written with ' - ' when the value is negative.
- QUANTITY and AMOUNT is written with 2 ' ! ' when the value is overflowing.
- AMOUNT is written without tab when "TAB = 0" is set at PGM OPTIONAL.
 ex) "04/01/11",1,100

4-2. EJ DATA (SAVING ONLY)

Electronic journal data is saved in SD card.

Maximum 400 times data is kept in SD Card when the SD memory is not full.

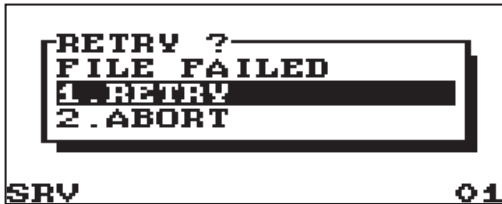
In case of "SAVE FOR ONLINE", after saving EJ data to SD card, the EJ data in ECR is erased.

- 1) Select "2 EJ DATA" from the SAVING list.
- 2) EJ DATA is entered, OK/CANCEL dialogue is appeared. If "OK" is selected, SAVE EJ DATA is executed.



When an error is occurred, the error popup with error message is displayed.

The second line in error popup is the error message.



If an error is occurred the job is aborted.

You have to execute job again after resolve the cause of error.

The action is as below.

- 1) The ECR creates a new sub-folder under the "EJ" folder. → Refer to "■ LIST OF FOLDER". The folder name is determined by same rule as "SALES" folder.
- 2) Save the below data in new sub-folder that is created above step.

Item	File Name	File/Table No.	Field
EJ Data	EJFILE.FDS EJFILE.SDA	A0	

- 3) Create the "STATUS.REC" file in new sub-folder when all files are saved completely.

Item	File Name
Status information	STATUS.REC

- 4) Update the "SRECORD.REC" file for changing the structure of sub-folder.

Item	File Name
Record structure	SRECORD.REC

- 5) In case of "SAVE FOR ONLINE" job, Save the below data in the folder for "EJ for ONLINE". If "READ" is written in "STATUS.REC" file, current EJ file in SD card is deleted and new EJ file is created. In the other cases, new EJ records are added to current EJ file data in SD card.

Item	File Name	File/Table No.	Field
EJ Data	EJFILE.FDS EJFILE.SDA	A0	

- 6) In case of "SAVE FOR ONLINE" job, Create (or Update) the "STATUS.REC" file in the folder for "EJ for ONLINE" when all files are saved completely.

Item	File Name
Status information	STATUS.REC

- 7) In case of "SAVE FOR ONLINE" job, Erase the EJ data in ECR.

4-3. INDIVIDUAL PROGRAMMING DATA/ ALL PROGRAMMING DATA

The below data is saved or loaded. Files are set in the folder for "Programming Data".

By INDIVIDUAL PROGRAMMING DATA, the item is listed and you can select a target item, and only the selected item is processed.

Following items are saved and loaded with following jobs.

ALL PROGRAMMING DATA in MODE - SD CARD MODE or SRV MODE - SD CARD MODE.

Items	Contents	File Name	File/Table No.	Save Field
DEPARTMENT	DEPT preset	DEPTDT	1	B000
PLU (XE-A207W/B, XE-A217W/B)	PLU preset	PLUDT	11	B000
PLU/EAN (XE-A307)	PLU/EAN preset	PLUDT	11	B000
EAN NON-PLU (XE-A307)	EAN NON-PLU CODE format	NPLUTB	E8	Table
TRANSACTION	FUNCTION, MEIDA, FUNCTION TEXT	TRANTB	D8	Table
		FUNCTD	A2	8000
		CURDESDT	A6	8000
CLERK	CLERK preset	CLKDT	51	D000
MANAGER	MANAGER preset	MANGDT	C2	Table
TRAINING	PERSONNEL - TRAINING CLERK	TRCLKTB	C9	Table
		TRTXTTB	CA	Table
OPTIONAL	ARTICLE - EAN DELETE PERSONNEL - MODE PASS CODE OPTIONAL REPORT DEVICE CONFIG - DISPLAY - SCREEN SAVE	OPTFERTB	D1	Table
		CURSYM TB	E1	Table
		SRVPGMTB	C1	Table
MESSAGE	Receipt LOGO preset	LOGODT	A1	8000
	E.BILL TEXT	EBILLDT	99	8000
DEVICE CONFIG	Logical device table Control Unit Preset	LOGDEV TB	F7	Table
		CTLBOXTB	DB	Table
TAX	TAX preset	TAXTB	D6	Table
Graphic Logo	Graphic Logo	TMLOG1TB	EE	Table

Items	Contents	File Name	File/Table No.	Save Field
AUTO KEY SRV SECRET	[AUTO KEY PGM] SRV SECRET CODE preset	AUTKEYDT SRVSECTB	B5 FB	D000 Table
SUPERVI- SOR MODE	SRV Supervisor mode preset	SPRVSTB	DD	Table

Following data is not saved.
DATE/TIME programming
MACHINE# programming
CONSECUTIVE# programming

If the folder for "Programming Data" does not exist in SD memory card, this job is inhibited.
["NO FOLDER" ERROR]

If there is data of the same file name, data is overwritten.

Each file is used only for the software on PC.

■ INDIVIDUAL PROGRAMMING DATA

- 1) Select "3 IND. PROGRAM" from the SAVING or LOADING list.
- 2) Select an item listed in the display.



Following items are saved and loaded with following jobs.

- DEPARTMENT
- PLU
- GRAPHIC LOGO
- LOGO TEXT
- TAX

■ ALL PROGRAMMING DATA

- 1) Select "4 ALL PROGRAM (SRV MODE: 3 ALL PROGRAM)" from the SAVING or LOADING list.
- 2) IND. PROGRAM is entered, OK/CANCEL dialogue is appeared. If "OK" is selected, ALL. PROGRAM saving or loading is executed.



4-4. ALL RAM DATA

- 1) Select "5 ALL RAM DATA (SRV MODE: 4 ALL RAM DATA)" from the SAVING or LOADING list.
- 2) ALL RAM DATA is entered, OK/CANCEL dialogue is appeared. If "OK" is selected, ALL RAM DATA is excusted.



- 3) The below data is saved or loaded. File is set in the folder for "ALL RAM BACKUP".

Item	File Name
All RAM data	ALL.SDA

- If there is the file that has same file name, data is overwritten.
- In case of "LOADING", the condition of ECR will return to past condition except Date & Time.
- This file is used only for the purpose of DATA BACKUP at ECR. Any users do not need to concern its contents.

4-5. SSR DATA (SRV MODE ONLY)

- 1) Select "5 SSR DATA" from the SAVING or LOADING list.
- 2) SSR DATA is entered, OK/CANCEL dialogue is appeared. If "OK" is selected, SSR DATA is executed.



- 3) The below data is saved or loaded. File is set in the folder for "SSP".

Item	File Name	File/Table No.
SSR data	SSR.FDS SSR.SDA	C0

SSR program activates after SSR data is loaded.

4-6. ROM UPDATE (LOADING IN SRV MODE ONLY)

The software of ECR can be loaded from SD card.
1 file of below list must be set in the folder for "UPDATE".
If no file is in UPDATE folder, "NO FILE" error is occurred.

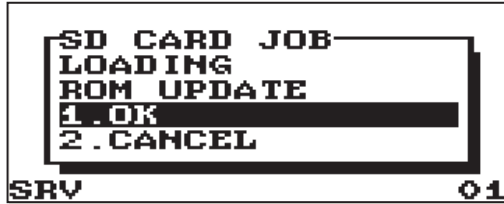
- XE-A207W/B, XE-A217W/B

Item	File Name
ROM data (ALL)	A217VROM.SDA
ROM data (TEXT)	A217VTXT.SDA

- XE-A307

Item	File Name
ROM data (ALL)	A307VROM.SDA
ROM data (TEXT)	A217VTXT.SDA

- 1) Select "6 ROM UPDATE" from the LOADING list.
- 2) ROM UPDATE is entered, OK/CANCEL dialogue is appeared.
If "OK" is selected, ROM UPDATE is executed.



5. PRINT

The messages are printed on JOURNAL only.

The messages are fixed in ROM.

Mode	Print	NOTE
SD CARD MODE	#000001 01/01/2011 12:34 01 CLERK01 000000 *S D*	CONSECUTIVE#, DATE, TIME CLERK CODE, CLERK NAME, MACHINE# MODE TITLE
SRV MODE	#000001 01/01/2011 12:34 01 CLERK01 000000	CONSECUTIVE#, DATE, TIME CLERK CODE, CLERK NAME, MACHINE#

Print	Note
(HEADER) FORMATTING SD FINAL	JOB TITLE is printed. MESSAGE is printed. (This is Normal End Message.)
(HEADER) FOLDER SELECT NAME ABCDEFGH SD FINAL	When selecting folder by "FOLDER CONTROL" Folder name is not printed at ERROR END.

Print	Note
(HEADER) FOLDER CREATE NAME ABCDEFGH SD FINAL	When create the folder by "FOLDER CONTROL".
(HEADER) SAVE SALES SD FINAL	
(HEADER) SAVE EJ SD FINAL	
(HEADER) SAVE PROGRAM XXXXXXXXXX SD FINAL	Print contents of "XXXXXXXXXX". In case of "ALL PROGRAMMING DATA", "ALL PROGRAM" is printed. In case of "Individual PROGRAMMING DATA", each item text is printed. (Same text as displaying on menu)
(HEADER) SAVE ALL RAM SD FINAL	
(HEADER) SV F ONL EJ SD FINAL	
(HEADER) LOADING PROGRAM XXXXXXXXXX SD FINAL	Print contents of "XXXXXXXXXX". In case of ALL PROGRAMMING DATA, "ALL PROGRAM" is printed. In case of INDIVIDUAL PROGRAMMING DATA, each item text is printed. (Same text as displaying on menu)
(HEADER) LOADING ALL RAM SD FINAL	
(HEADER) LOADING SSR SD FINAL	
(HEADER) SAVE SSR SD FINAL	
(HEADER) ROM VER. UPDATE NO FILE	

6. ERROR MESSAGE

O: Used, ---: Not used

No.	Description	MESSAGE	DISPLAY	PRINT
1	SD JOB Normal End	SD FINAL	---	O
2	SD card is not found	NO CARD	O	---
3	User folder is not found “\SHARP\ECRXXX11\xxxx xxxx” for XE-A207/A217 “\SHARP\ECRXXX12\xxxx xxxx” for XE-A307	NO FOLDER	O	O
4	There isn't enough space on the SD CARD.	CARD FULL	O	O
5	Designated file does not exist the SD CARD.	NO FILE	O	O
6	There isn't a folder that should be in the user folder	FILE FAILED	O	O
7	400 times limitation error (SALES, EJ)	OVER LIMIT.	O	O
8	Power off was occurred during SD card access	SD ACC POWER OFF	O	O
9	A folder can't be created.	FOLDER NOT MADE	O	O
10	SD CARD is protected to writing data.	CARD PROTECT	O	O
11	Designated file does not exist on the POS.	FILE NOT EXIST	O	O
12	There isn't enough file size on the POS.	LACKING MEMORY	O	O
13	SD CARD ERROR Error except above 2 - 12 ERROR was occurred Folder cannot be made File close cannot be exe- cuted File cannot be read File cannot be written File cannot be deleted SD card memory cannot be mounted SD card memory cannot be un-mounted SD job execution during ONLINE/MWS communi- cation	SD ERROR	O	O

SHARP

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SHARP CORPORATION
Business Solutions Promotion Group
CS Promotion Department
Yamatokoriyama, Nara 639-1186, Japan

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