

CHD 3010T

CLERK OPERATIONS

技術部		
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CHD Ltd.

改訂内容

Specifications are for the development purpose may be subject to be changed according to further development process

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OPERATION (SALES TRANSACTION)

Time and Date display

[QTY/TIME]

16-03-00



[QTY/TIME]

ALPHA DISPLAY

DATE

24 hour mode

13-00

ALPHA DISPLAY

TIME

12 hour mode

1 | 1 - 00

ALPHA DISPLAY

TIME PM

Note : The date can be displayed outside of a sale only.

 Department entries

*Open department entry

entry amount () [DEPT]

*Preset department entry

[DEPT]

*Multiple department entry

enter quantity () [QTY/TIME]
 1-999.999

enter amount () [DEPT]

enter quantity () [QTY/TIME]
 1-999.999

[DEPT]

Example:

123	[DEPT 1/21]	}	Department entry
	[DEPT 4/24]		
23	[QTY/TIME]		
50	[DEPT 1/21]		
12.5	[QTY/TIME]		
	[DEPT 4/24]		
	[AMT TEND/TOTAL]		Cash tender

```
MC#1234      00000026
CLERK# 1
DEPARTMENT01 *1.23T1
DEPARTMENT04 *4.00T4
DEPARTMENT01
 23 x *0.50 @
                *11.50T1
DEPARTMENT04
 12.5 x *4.00 @
                *50.00T4
-----
TAXABLE1 WO 10%
                *11.57
TAX 1 TOTAL 10%
                *1.16
TAXABLE4 WO 40%
                *38.57
TAX 4 TOTAL 40%
                *15.43
TAXABLE W/O TAX TL
                *50.14
TOTAL TAX *16.59
-----
TOTAL LOCAL *66.73
CASH LOCAL
                *66.73
ITEM          37.500

16-03-2000    12:10
```

 Dept shift entries

By using [DEPT SHIFT] key DEPT1-20 keys Can be used as DEPT21-40 keys.

[DEPT SHIFT]—[DEPT 1 / 21]	————→	[DEPT 21]
[DEPT SHIFT]—[DEPT 2 / 22]	————→	[DEPT 22]
 [DEPT SHIFT]—[DEPT 20/40]	 ————→	 [DEPT 40]

*Open department entry

enter amount () [DEPT SHIFT] [DEPT]

*Preset department entry

[DEPT SHIFT] [DEPT]

*Multiple department entry

enter quantity () [QTY/TIME]
1-999.999

enter amount () [DEPT SHIFT] [DEPT]

enter quantity () [QTY/TIME]
1-999.999

[DEPT SHIFT] [DEPT]

Example:

```

123      [DEPT SHIFT] [DEPT 1/21]
         [DEPT SHIFT] [DEPT 4/24]

23       [QTY/TIME]

50       [DEPT SHIFT] [DEPT 1/21]

12.5    [QTY/TIME]
         [DEPT SHIFT] [DEPT 4/24]

[AMT TEND/TOTAL]
    
```



Department entry

Cash tender

```

MC#1234      00000026
CLERK# 1
DEPARTMENT21 *1.23T1
DEPARTMENT24 *4.00T4
DEPARTMENT21
  23 x *0.50 @
                *11.50T1
DEPARTMENT24
  12.5 x *4.00 @
                *50.00T4
-----
TAXABLE1 WO 10%
                *11.57
TAX 1 TOTAL 10%
                *1.16
TAXABLE4 WO 40%
                *38.57
TAX 4 TOTAL 40%
                *15.43
TAXABLE W/O TAX TL
                *50.14
TOTAL TAX *16.59
-----
TOTAL LOCAL *66.73
CASH LOCAL
                *66.73
ITEM          37.500

16-03-2000    12:10
    
```

*Split price

YYY.YYY - [QTY/TIME]
(1-999.999)

ZZZ.ZZ - [QTY/TIME]
(1-999.999)

PLU or Department registration

Registered Amount = (YYY.YYY) ÷ (ZZZ.ZZZ) x (PLU or DEPT amount)

Example :

3 [QTY/TIME]
12 [QTY/TIME]
500 [DEPT 1/21]

MC#1234	00000026
CLERK#	1
DEPARTMENT	01
3/12 x *5.00 @	
	*1.25T1

TAXABLE1 WO	10%
	*1.14
TAX 1 TOTAL	10%
	*0.11
TAXABLE W/O TAX TL	
	*1.14
TOTAL TAX	*0.11

TOTAL LOCAL	*1.25
CASH LOCAL	
	*1.25
ITEM	0.250
16-03-2000	12:10

PLU entries

Enter Free-Code () Enter PLU number and press [PLU] key or read Bar-code.

*Multiple PLU Entry

enter quantity () [QTY/TIME]
 1-999.999

enter Free-Code () Enter PLU number and press [PLU/VALID] key or read Bar-code.

*Price Override PLU Entry

enter amount () [PLU PRICE]

enter Free-code () Enter PLU number and press [PLU/VALID] key or read Bar-code.

Example :

100 [PLU/VALID]
2 [QTY/TIME]
2500 [PLU/VALID]
15 [PLU PRICE]
200 [PLU/VALID]
[AMT TEND/TOTAL]

```

MC#1234      00000027
CLERK# 1
PLU#100
           0000000000100
           *1.00T1
  2 x *25.00 @
PLU#2500
           0000000002500
           *50.00T8

PRICE
PLU#200
           0000000000200
           *0.15T7
-----
TAXABLE1 WO 10%
           *0.91
TAX 1 TOTAL 10%
           *0.09
TAXABLE7 WO 70%
           *0.09
TAX 7 TOTAL 70%
           *0.06
TAXABLE8 WO 80%
           *27.78
TAX 8 TOTAL 80%
           *22.22
TAXABLE W/O TAX TL
           *28.78
TOTAL TAX *22.37
-----
TOTAL LOCAL *51.15
CASH LOCAL
           *51.15
ITEM          4.000

16-03-2000   12:10

```


Example :

```

123      [DEPT 1/21]
         [DEPT 1/21]
         [DEPT 4/24]
         [DEPT 4/24]
123      [DEPT SHIFT][DEPT 1/21]
         [DEPT 1/21]
         [DEPT SHIFT][DEPT 4/24]
         [DEPT 4/24]
100      [PLU/VALID]
         [PLU/VALID]
15       [PLU PRICE]
200      [PLU/VALID]
         [PLU/VALID]
         [AMT TEND/TOTAL]

```

```

MC#1234      00000028
CLERK# 1
DEPARTMENT01 *1. 23T1
DEPARTMENT01 *1. 23T1
DEPARTMENT04 *4. 00T4
DEPARTMENT04 *4. 00T4
DEPARTMENT21 *1. 23T1
DEPARTMENT21 *1. 23T1

```

```

DEPARTMENT24 *4.00T4
DEPARTMENT24 *4.00T4
PLU#100
      0000000000100
      *1.00T1
PLU#100
      0000000000100
      *1.00T1
PRICE
PLU#200
      0000000000200
      *0.15T7
PRICE
PLU#200
      0000000000200
      *0.15T7
-----
TAXABLE1 WO 10%
      *6.29
TAX 1 TOTAL 10%
      *0.63
TAXABLE4 WO 40%
      *11.43
TAX 4 TOTAL 40%
      *4.57
TAXABLE7 WO 70%
      *0.18
TAX 7 TOTAL 70%
      *0.12
TAXABLE W/O TAX TL
      *17.90
TOTAL TAX *5.32
-----
TOTAL LOCAL *23.22
CASH LOCAL
      *23.22
ITEM 12.000

16-03-2000 12:10

```

Cash tender

*Direct tender

{ Registration }

[AMT TEND/TOTAL]

*Amount tender

{ Registration }

[ST]

enter amount() [AMT TEND/TOTAL]

Example 1:

100 [PLU/VALID]

15 [-%/RA]

123 [DEPT 1/21]

}

Registration

[AMT TEND/TOTAL]

```
MC#1234      00000029
CLERK# 1
PLU#100
          0000000000100
          *1.00T1
%DISCOUNT   -15%
          *-0.15
DEPARTMENT01 *1.23T1
-----
TAXABLE1 WO  10%
          *1.89
TAX 1 TOTAL  10%
          *0.19
TAXABLE W/O TAX TL
          *1.89
TOTAL TAX    *0.19
-----
TOTAL LOCAL  *2.08
CASH LOCAL
          *2.08
ITEM        2.000

16-03-2000   12:10
```

Example 2:

100	[PLU/VALID]	}	Registration
123	[DEPT 1/21]		
	[ST]		
300	[AMT TEND/TOTAL]		Over tender

```

MC#1234      00000030
CLERK# 1
PLU#100
           0000000000100
                *1.00T1
DEPARTMENT01 *1.23T1
SUBTOTAL      *2.23
-----
TAXABLE1 WO  10%
                *2.03
TAX 1 TOTAL  10%
                *0.20
TAXABLE W/O TAX TL
                *2.03
TOTAL TAX     *0.20
-----
TOTAL LOCAL  *2.23
CASH LOCAL
                *3.00
CHANGE LOCAL *0.77
ITEM         2.000

16-03-2000   12:11

```

Check tender

*Direct tender

{ Registration }

[CHECK]

*Amount tender

{ Registration }

[ST]

enter amount() [CHECK]

Example 1:

100	[PLU/VALID]	}	Registration
123	[DEPT 1/21]		
	[CHECK]		

MC#1234	00000031
CLERK# 1	
PLU#100	
	0000000000100
	*1.00T1
DEPARTMENT01	*1.23T1

TAXABLE1 WO	10%
	*2.03
TAX 1 TOTAL	10%
	*0.20
TAXABLE W/O TAX TL	
	*2.03
TOTAL TAX	*0.20

TOTAL LOCAL	*2.23
CHECK LOCAL	
	*2.23
ITEM	2.000
16-03-2000	12:11

Example 2:

100	[PLU/VALID]	}	Registration
123	[DEPT 1/21]		
	[ST]		
300	[CHECK]		Over tender

```

MC#1234      00000032
CLERK# 1
PLU#100
           0000000000100
                *1.00T1
DEPARTMENT01 *1.23T1
SUBTOTAL      *2.23
-----
TAXABLE1 WO  10%
                *2.03
TAX 1 TOTAL  10%
                *0.20
TAXABLE W/O TAX TL
                *2.03
TOTAL TAX     *0.20
-----
TOTAL LOCAL  *2.23
CHECK LOCAL
                *3.00
CHANGE LOCAL *0.77
ITEM         2.000

16-03-2000   12:11

```

Charge tender

{ Registration }

[ST]

[CHARGE]

Example :

100	[PLU/VALID]	}	Registration
15	[-%/RA]		
123	[DEPT 1/21]		
	[ST]		
	[CHARGE]		

MC#1234	00000033
CLERK#	1
PLU#100	
	0000000000100
	*1.00T1
%DISCOUNT	-15%
	*-0.15
DEPARTMENT01	*1.23T1
SUBTOTAL	*2.08

TAXABLE1 WO	10%
	*1.89
TAX 1 TOTAL	10%
	*0.19
TAXABLE W/O TAX TL	
	*1.89
TOTAL TAX	*0.19

TOTAL LOCAL	*2.08
CHARGE LOCAL	
	*2.08
ITEM	2.000
16-03-2000	12:11

Credit tender

{ Registration }

[ST]

[CREDIT]

Example :

100	[PLU/VALID]	}	Registration
15	[-%/RA]		
123	[DEPT 1/21]		

[ST]

[CREDIT]

MC#1234	00000034
CLERK#	1
PLU#100	
	0000000000100
	*1.00T1
%DISCOUNT	-15%
	*-0.15
DEPARTMENT01	*1.23T1
SUBTOTA	*2.08

TAXABLE1 WO	10%
	*1.89
TAX 1 TOTAL	10%
	*0.19
TAXABLE W/O TAX TL	
	*1.89
TOTAL TAX	*0.19

TOTAL LOCAL	*2.08
CREDIT1 LOCAL	
	*2.08
ITEM	2.000
16-03-2000	12:12

Euro conversion tender

- Subtotal value is shown on the display using Euro exchange rate. Original value and converted value are shown in tern each time when depressed the key.
- Calculation of currency conversion is defferent according to ECR mode setting

Base currency: LOCAL

Subtotal Amount \div Exchange Rate = Conversion Amount

Base currency: EURO

Subtotal Amount \times Exchange Rate = Conversion Amount

- When tendered immediately after currency conversion is made (now converted total amount is on display), the machine understands that the paymnet is made in the converted currency.
- When conversion is made, the converted total and change are printed despite the setting of "Conversion Currency Print Always or not".

{ DEPT }

{ DEPT }

(FC#) - [EURO]

enter amount

tendered() - [AMT TEND/TOTAL]

Note) FC#=1: Euro conversion

An FC#1 to omit is possible.

Example 1 : Direct Tender

Base currency: LOCAL
 EURO Exchange Rate : 1 EURO = 2.5 LOCAL(D.P. = 0)
 FC#1 Name = EURO
 System D.P. = 2

		< DISPLAY >			
(1000) - [DEPT 1/21]		01	10.00		
(2000) - [DEPT 2/22]		02	20.00		
[ST]		S	30.00	} $30.00 \div 2.5 = 12$	
(01) - [EURO]	} (No Print)	<input type="checkbox"/>	12		EURO TOTAL
[EURO]		S	30.00	LOCAL TOTAL	
(1) - [EURO]		<input type="checkbox"/>	12	EURO TOTAL	
*1 [AMT TEND/TOTAL]		=	12	EURO CASH AMOUNT	

*1) In above example, tender operation is entered while euro total is on display. so, cash amount is shown in Euro, also. But Cash Sales Total and Cash in Drawer are always up dated in LOCAL.

```

MC#1234      00000034
CLERK# 1
DEPARTMENT01
                *10.00T1
DEPARTMENT02
                *20.00T2
SUBTOTAL      *30.00
-----
TAXABLE1 WO   10%
                *9.09
TAX 1 TOTAL   10%
                *0.91
TAXABLE2 WO   20%
                *16.67
TAX 2 TOTAL   20%
                *3.33
TAXABLE W/O TAX TL
                *25.76
TOTAL TAX      *4.24
-----
TOTAL LOCAL   *30.00
RATE EURO 2.5
TOTAL EURO    *12
CASH EURO     *12
RATE EURO 2.5
LOCAL         *30.00
ITEM          2.000

16-03-2000    12:12
    
```

EURO TOTAL
 EURO CASH AMOUNT

Example 2 : Over Tender

Base currency: LOCAL

EURO Exchange Rate : 1 EURO = 2.5 LOCAL (D.P. = 0)

FC#1 Name = EURO

System D.P. = 2

< DISPLAY >

(1000) - [DEPT 1/21]	01	10.00	
(2000) - [DEPT 2/22]	02	20.00	
[ST]	S	30.00	30.00 ÷ 2.5 = 12
(1) - [EURO]	<input type="checkbox"/>	12	EURO TOTAL

(No Print)

*2 (20) - [AMT TEND/TOTAL]	C	20.00	LOCAL CHANGE
------------------------------	---	-------	--------------

Change amount to be converted to
 LOCAL currency
 $(20-12) \times 2.5 = \frac{20 \text{ LOCAL}}{\text{change}}$

- *2) In above example, tender operation is entered while Euro total is on display. So, CASH amount is shown in Euro also. But CASH Sales Total and Cash in Drawer are always up dated in LOCAL currency. Change calculation is done after Euro amount is converted to LOCAL.

MC#1234	00000034	
CLERK#	1	
DEPARTMENT01		
	*10.00T1	
DEPARTMENT02		
	*20.00T2	
SUBTOTAL	*30.00	

TAXABLE1 WO	10%	
	*9.09	
TAX 1 TOTAL	10%	
	*0.91	
TAXABLE2 WO	20%	
	*16.67	
TAX 2 TOTAL	20%	
	*3.33	
TAXABLE W/O TAX TL		
	*25.76	
TOTAL TAX	*4.24	

TOTAL LOCAL	*30.00	
RATE EURO	2.5	
TOTAL EURO	*12	EURO TOTAL
CASH EURO	*20	EURO CASH AMOUNT
RATE EURO	2.5	
LOCAL	*50.00	
CHANGE LOCAL		
	*20.00	
CHANGE EURO	*8	LOCAL CHANGE
ITEM	2.000	EURO CHANGE
16-03-2000	12:12	

Example 3 : Over Tender

Base currency: EURO

EURO Exchange Rate : 1 EURO = 2.5 LOCAL(D.P. = 2)

FC#1 Name = LOCAL

System D.P. = 0

< DISPLAY >	
(10) - [DEPT 1/21]	01 10
(20) - [DEPT 2/22]	02 20
[ST]	S 30
(1) - [EURO]	<input type="checkbox"/> 75.00
(No Print)	<div style="display: flex; align-items: center; justify-content: flex-end;"> <div style="margin-right: 10px;"> $30 \times 2.5 = 75$ \swarrow </div> <div style="margin-right: 10px;">LOCAL TOTAL</div> </div>
(10000) - [AMT TEND/TOTAL]	C 10
	<div style="display: flex; align-items: center; justify-content: flex-end;"> <div style="margin-right: 10px;">—</div> <div>EURO CHANGE</div> </div>

Change amount to be converted to
EURO currency

$$(100-75) \div 2.5 = \frac{10 \text{ EURO}}{\text{change}}$$

MC#1234	00000034	
CLERK#	1	
DEPARTMENT01	*10T1	
DEPARTMENT02	*20T2	
SUBTOTAL	*30	

TAXABLE1 WO	10%	
		*9
TAX 1 TOTAL	10%	
		*1
TAXABLE2 WO	20%	
		*17
TAX 2 TOTAL	20%	
		*3
TAXABLE W/O TAX TL		
		*26
TOTAL TAX		*4

TOTAL EURO	*30	EURO TOTAL
RATE LOCAL	2.5	
TOTAL LOCAL	*75.00	LOCAL TOTAL
CASH LOCAL		
	*100.00	LOCAL CASH AMOUNT
RATE LOCAL	2.5	
EURO	*40	
CHANGE EURO	*10	EURO CHANGE
CHANGE LOCAL		
	*25.00	LOCAL CHANGE
ITEM	2.000	
16-03-2000	12:12	

Split tender

{ Registration }

[ST]

enter amount tendered() [AMT TEND/TOTAL]

enter amount tendered() [CHECK]

[CHARGE]

Example 1:

100 [PLU/VALID]

123 [DEPT 1/21]

[ST]

100 [AMT TEND/TOTAL]

50 [CHECK]

[CHARGE]

)

Registration

```
MC#1234      00000037
CLERK# 1
PLU#100
           0000000000100
           *1.00T1
DEPARTMENT01 *1.23T1
SUBTOTAL     *2.23
-----
TAXABLE1 WO  10%
           *2.03
TAX 1 TOTAL  10%
           *0.20
TAXABLE W/O TAX TL
           *2.03
TOTAL TAX     *0.20
-----
TOTAL LOCAL  *2.23
CASH LOCAL
           *1.00
CHECK LOCAL
           *0.50
CHARGE LOCAL
           *0.73
ITEM          2.000
16-03-2000   12:13
```

Example 2:

100	[PLU/VALID]	}	Registration
123	[DEPT 1/21]		
	[ST]		
100	[AMT TEND/TOTAL]		
	[CHARGE]		

MC#1234	00000038
CLERK#	1
PLU#100	
	0000000000100
	*1.00T1
DEPARTMENT01	*1.23T1
SUBTOTAL	*2.23

TAXABLE1 WO	10%
	*2.03
TAX 1 TOTAL	10%
	*0.20
TAXABLE W/O TAX TL	
	*2.03
TOTAL TAX	*0.20

TOTAL LOCAL	*2.23
CASH LOCAL	
	*1.00
CHARGE LOCAL	
	*1.23
ITEM	2.000
16-03-2000	12:13

Example 3:

100	[PLU/VALID]	}	Registration
123	[DEPT 1/21]		
12.57	[-%/RA]		
	[ST]		
20	[CHECK]		
	[CHARGE]		

MC#1234	00000039
CLERK#	1
PLU#100	
	0000000000100
	*1.00T1
DEPARTMENT01	*1.23T1
%DISCOUNT	-12.57%
	*-0.15
SUBTOTAL	*2.08

TAXABLE1 WO	10%
	*1.89
TAX 1 TOTAL	10%
	*0.19
TAXABLE W/O TAX TL	
	*1.89
TOTAL TAX	*0.19

TOTAL LOCAL	*2.08
CHECK LOCAL	
	*0.20
CHARGE LOCAL	
	*1.88
ITEM	2.000
16-03-2000	12:13

MC#1234	00000040
CLERK# 1	
PLU#100	
	0000000000100
	*1.00T1
DEPARTMENT01	*1.23T1
SUBTOTAL	*2.23
%DISCOUNT	-12.34%
	*-0.28

TAXABLE1 WO	10%
	*1.77
TAX 1 TOTAL	10%
	*0.18
TAXABLE W/O TAX TL	
	*1.77
TOTAL TAX	*0.18

TOTAL LOCAL	*1.95
CASH LOCAL	
	*1.95
ITEM	2.000
16-03-2000	12:14


```
MC#1234      00000041
CLERK# 1
PLU#100
           0000000000100
           *1.00T1
%DISCOUNT  -30%
           *-0.30
DEPARTMENT01 *1.23T1
%DISCOUNT  -12.34%
           *-0.15
-----
TAXABLE1 WO  10%
           *1.62
TAX 1 TOTAL  10%
           *0.16
TAXABLE W/O TAX TL
           *1.62
TOTAL TAX    *0.16
-----
TOTAL LOCAL  *1.78
CASH LOCAL
           *1.78
ITEM          2.000

16-03-2000   12:14
```


MC#1234	00000042
CLERK# 1	
PLU#100	
	0000000000100
	*1.00T1
DEPARTMENT01	*1.23T1
SUBTOTAL	*2.23
%ADD-ON	12.34%
	*0.28

TAXABLE1 WO	10%
	*2.28
TAX 1 TOTAL	10%
	*0.23
TAXABLE W/O TAX TL	
	*2.28
TOTAL TAX	*0.23

TOTAL LOCAL	*2.51
CASH LOCAL	
	*2.51
ITEM	2.000
16-03-2000	12:14

MC#1234	00000043
CLERK#	1
PLU#100	
	00000000100
	*1.00T1
%ADD-ON	30%
	*0.30
DEPARTMENT01	*1.23T1
%ADD-ON	12.34%
	*0.15

TAXABLE1 WO	10%
	*2.44
TAX 1 TOTAL	10%
	*0.24
TAXABLE W/O TAX TL	
	*2.44
TOTAL TAX	*0.24

TOTAL LOCAL	*2.68
CASH LOCAL	
	*2.68
ITEM	2.000
16-03-2000	12:14

Void operations

The VOID key is used for VOID operations inside of a sale.

{DEPARTMENT or PLU entry}

.

{DEPARTMENT or PLU entry}

[CLEAR]

[VOID/EC]

{INCORRECT ENTRY}

Example 1:

100	[PLU/VALID]	}	Department and PLU entry
300	[DEPT 20/40]		
123	[DEPT 1/21]		
	[CLEAR]		
	[VOID/EC]		
300	[DEPT 20/40]		Incorrect entry
	[AMT TEND/TOTAL]		

```
MC#1234      000044
CLERK# 1
PLU#100
          0000000000100
          *1.00T1
DEPARTMENT20 *3.00
DEPARTMENT01 *1.23T1
ITEM VOID
DEPARTMENT20
          *-3.00
-----
TAXABLE1 WO  10%
          *2.03
TAX 1 TOTAL  10%
          *0.20
TAXABLE W/O TAX TL
          *2.03
TOTAL TAX    *0.20
-----
TOTAL LOCAL  *2.23
CASH LOCAL
          *2.23
ITEM          2.000

16-03-2000   12:14
```

Example 2:

100	[PLU/VALID]	}	Department and PLU entry
200	[DEPT 2/22]		
23	[+%/PO]		
123	[DEPT 1/21]		
	[CLEAR]		
	[VOID/EC]		
100	[PLU/VALID]		Incorrect entry
	[CLEAR]		
	[VOID/EC]		
200	[DEPT 2/22]	}	Incorrect entry
23	[+%/PO]		
1436	[DEPT 5/25]		
	[ST]		
	[AMT TEND/TOTAL]		

```

MC#1234      00000045
CLERK# 1
PLU#100
           0000000000100
           *1.00T1
DEPARTMENT02 *2.00T2
%ADD-ON      23%
           *0.46
DEPARTMENT01 *1.23T1
ITEM VOID
PLU#100
           0000000000100
           *-1.00T1
ITEM VOID
DEPARTMENT02
           *-2.00T2
%ADD-ON      23%
           *-0.46
DEPARTMENT05
           *14.36T5
SUBTOTAL     *15.59
-----
TAXABLE1 WO  10%
           *1.12
TAX 1 TOTAL  10%
           *0.11
TAXABLE5 WO  50%
           *9.57
TAX 5 TOTAL  50%
           *4.79
TAXABLE W/O TAX TL
           *10.69
TOTAL TAX    *4.90
-----
TOTAL LOCAL *15.59
CASH LOCAL
           *15.59
ITEM         2.000

16-03-2000   12:15
    
```

Note) After registration, the payment(tender) will be errored in case either taxable sales or non-taxable sales is minus.

 Error correct

VOID of a last item entry.

{DEPARTMENT or PLU entry}

[VOID/EC]

Example :

100	[PLU/VALID]	}	Department and PLU entry
20	[-%/PO]		
123	[DEPT 1/21]		
	[VOID/EC]		Cancel of the department 1
1436	[DEPT 5/25]		
13	[-%/PO]		
	[VOID/EC]		Cancel of the discount
	[ST]		
	[AMT TEND/TOTAL]		

MC#1234	00000046
CLERK#	1
PLU#100	
	0000000000100
	*1.00T1
%DISCOUNT	-20%
	*-0.20
DEPARTMENT01	*1.23T1
*** EC ***	
DEPARTMENT01	
	*-1.23T1
DEPARTMENT05	
	*14.36T5
%DISCOUNT	-13%
	*-1.87
*** EC ***	
%DISCOUNT	-13%
	*1.87
SUBTOTAL	*15.16
-----	-----
TAXABLE1 WO	10%
	*0.73
TAX 1 TOTAL	10%
	*0.07
TAXABLE5 WO	50%
	*9.57
TAX 5 TOTAL	*4.79
TAXABLE W/O TAX TL	
	*10.30
TOTAL TAX	*4.86
-----	-----
TOTAL LOCAL	*15.16
CASH LOCAL	
	*15.16
ITEM	2.000
16-03-2000	12:15

Received on account

enter amount Received () [-%/RA]

{TENDER}

Foreign Currency Received on account

enter amount Received () [-%/RA]

(FC #) [EURO]

{TENDER}

Example 1:

100000

[-%/RA]

[AMT TEND/TOTAL]

MC#1234	00000047
CLERK#	1
RECD ACCT	*1000.00
CASH LOCAL	
	*1000.00
16-03-2000	12:15

Example 2:

100000	[-%/RA]
1	[EURO]
	[AMT TEND/TOTAL]

```
MC#1234      00000048
CLERK# 1
RECD ACCT
           *100000.00
CASH EURO
           *100000
16-03-2000   12:15
```

Note) CHARGE is prohibited

“rA” will be displayed at left hand side of the display.

Paid out

enter amount paid () [+%/PO]
{TENDER}

Foreign Currency paid out

enter amount paid () [+%/PO]
(FC #) [EURO]
{TENDER}

Example 1:

200 [+%/PO]
[AMT TEND/TOTAL]

MC#1234	00000050
CLERK# 1	
PAID OUT	*2.00
CASH LOCAL	
	*2.00
16-03-2000	12:15

Example 2:

200 [%/PO]
1 [EURO]
 [AMT TEND/TOTAL]

MC#1234	00000051
CLERK#	1
PAID OUT	*200.00
CASH EURO	* 200
16-03-2000	12:15

Note1) When media in drawer total will be minus, paid out will be errored.

Note2) CHARGE is prohibited

“Po” will be displayed at left hand side of the display.

Example 2:

500 [DEPT 10/30]
660000 [# /NS]
[AMT TEND/TOTAL]

MC#1234	00000054
CLERK# 1	
DEPARTMENT10	*5.00
	660000#

TAXABLE0 WT	*5.00

TOTAL LOCAL	*5.00
CASH LOCAL	
	*5.00
ITEM	1.000
16-03-2000	12:15

No-sale

A no sale operation will simply open the cash drawer. However, the financial report records the no sale activity count.

[#/NS]

MC#1234	00000055
CLERK# 1	
NO-SALE	
16-03-2000	12:16

Return

The RETURN key is used for REFUND operations inside of a sale.

[RETURN]

{DEPARTMENT or PLU entry}

Example 1:

[RETURN]
 123 [DEPT 1/21]
 10 [-%/RA]
 [AMT TEND/TOTAL]

MC#1234	00000057
CLERK#	1
RETURN	MDS
DEPARTMENT	01
	*-1.23T1
%DISCOUNT	-10%
	*0.12

TAXABLE1 WO	10%
	*-1.01
TAX 1 TOTAL	10%
	*-0.10
TAXABLE W/O TAX TL	
	*-1.01
TOTAL TAX	*-0.10

TOTAL LOCAL	*-1.11
CASH LOCAL	
	*-1.11
ITEM	-1.000
16-03-2000	12:14

Example 2:

[RETURN]
 2 [QTY/TIME]
 123 [DEPT 1/21]
 10 [+%/PO]
 [AMT TEND/TOTAL]

```

MC#1234      00000058
CLERK# 1
RETURN MDS
DEPARTMENT01
  2 x *-1.23 @
                *-2.46T1
%ADD-ON      10%
                *-0.25
-----
TAXABLE1 WO  10%
                *-2.46
TAX 1 TOTAL  10%
                *-0.25
TAXABLE W/O TAX TL
                *-2.46
TOTAL TAX    *-0.25
-----
TOTAL LOCAL *-2.71
CASH LOCAL
                *-2.71
ITEM        -2.000

16-03-2000   12:14
  
```

 (+)

{DEPARTMENT or PLU entry}

enter amount () [+]

{DEPARTMENT or PLU entry}

 preset (+) entry [+]

[ST]

enter amount () [+] or preset (+) entry [+]

Example 1:

100 [PLU/VALID]

10 [+]

123 [DEPT 1/21]

 [+]

 [AMT TEND/TOTAL]

MC#1234	00000059
CLERK#	1
PLU#100	
	0000000000001
	*1.00T1
(+)	*0.10
DEPARTMENT01	*1.23T1
(+)	*0.05

TAXABLE1 WO	10%
	*2.16
TAX 1 TOTAL	10%
	*0.22
TAXABLE W/O TAX TL	
	*2.16
TOTAL TAX	*0.22

TOTAL LOCAL	*2.38
CASH LOCAL	
	*2.38
ITEM	2.000
16-03-2000	12:14

Example 2:

100 [PLU/VALID]
 123 [DEPT 1/21]
 [ST]
 10 [+]
 [AMT TEND/TOTAL]

MC#1234	00000060
CLERK#	1
PLU#100	
	0000000000001
	*1.00T1
DEPARTMENT01	*1.23T1
SUBTOTAL	*2.23
(+)	*0.10

TAXABLE1 WO	10%
	*2.12
TAX 1 TOTAL	10%
	*0.21
TAXABLE W/O TAX TL	
	*2.12
TOTAL TAX	*0.21

TOTAL LOCAL	*2.33
CASH LOCAL	
	*2.33
ITEM	2.000
16-03-2000	12:14

(-)

{DEPARTMENT or PLU entry}
 enter amount () [-]
 {DEPARTMENT or PLU entry}
 preset (-) entry [-]
 [ST]
 enter amount () [-] or preset (-) entry [-]

Example 1:

100 [PLU/VALID]
 10 [-]
 123 [DEPT 1/21]
 [-]
 [AMT TEND/TOTAL]

MC#1234	00000061
CLERK# 1	
PLU#100	
	0000000000100
	*1.00T1
(-)	*-0.10
DEPARTMENT01	*1.23T1
(-)	*-0.05

TAXABLE1 WO	10%
	*1.89
TAX 1 TOTAL	10%
	*0.19
TAXABLE W/O TAX TL	
	*1.89
TOTAL TAX	*0.19

TOTAL LOCAL	*2.08
CASH LOCAL	
	*2.08
ITEM	2.000
16-03-2000	12:14

Example 2:

100 [PLU/VALID]
 123 [DEPT 1/21]
 [ST]
 10 [-]
 [AMT TEND/TOTAL]

MC#1234	00000062
CLERK#	1
PLU#100	
	0000000000100
	*1.00T1
DEPARTMENT01	*1.23T1
SUBTOTAL	*2.23
(-)	*-0.10

TAXABLE1 WO	10%
	*1.94
TAX 1 TOTAL	10%
	*0.19
TAXABLE W/O TAX TL	
	*1.94
TOTAL TAX	*0.19

TOTAL LOCAL	*2.13
CASH LOCAL	
	*2.13
ITEM	2.000
16-03-2000	12:14

Note) Any ITEM(-) which exceeds amount of the item is prohibited. Also, SALES(-) which exceeds subtotal amount is prohibited.

Validation key operations

After inserting a paper to validated, depress "PLU/VALID" key, which initiate validation printing.

{ REGISTRATION }

{ TENDER }

[PLU/VALID]

Example :

100 [DEPT 1/21]

200 [DEPT 2/22]

[ST]

100 [CHECK]

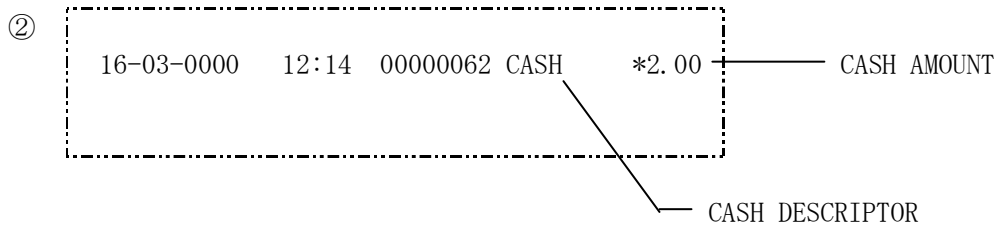
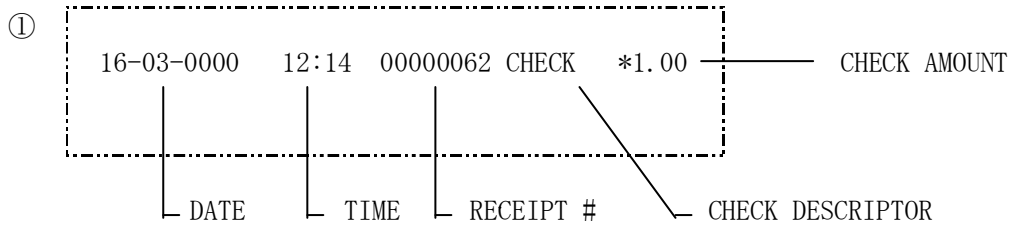
[PLU/VALID] ←————— ①

[AMT TEND/TOTAL]

[PLU/VALID] ←————— ②

```

MC#1234      00000062
CLERK# 1
DEPARTMENT01 *1.00T1
DEPARTMENT02 *2.00T2
SUBTOTAL     *3.00
-----
TAXABLE1 WO  10%
              *0.91
TAX 1 TOTAL  10%
              *0.09
TAXABLE2 WO  20%
              *1.67
TAX 2 TOTAL  20%
              *0.33
TAXABLE W/O TAX TL
              *2.58
TOTAL TAX    *0.42
-----
TOTAL LOCAL  *3.00
CHECK LOCAL
              *1.00
CASH LOCAL
              *2.00
ITEM         2.000
16-03-2000   12:14
    
```



Negative entry

DEPT and PLU registration which is programmed as negative in PRG MODE.

Example 1:

123 [DEPT SHIFT] [DEPT 20/40]

10 [+]

101 [PLU/VALID]

5 [-]

[ST]

4 [-%/RA]

[AMT TEND/TOTAL]

```
MC#1234      00000073
CLERK# 1
DEPARTMENT40
              *-1.23T1
(+           *-0.10
PLU#101
              0000000000101
              *-1.01
(-           *0.05
SUBTOTAL     *-2.29
%DISCOUNT   -4%
              *0.09
-----
TAXABLE1 WO  10%
              *-1.16
TAX 1 TOTAL  10%
              *-0.12
TAXABLE W/O TAX TL
              *-1.16
TOTAL TAX    *-0.12
TAXABLE0 WT *-0.92
-----
TOTAL LOCAL *-2.20
CASH LOCAL
              *--2.20
ITEM         2.000

16-03-2000   12:18
```

Example 2:

[RETURN]
 30 [DEPT SHIFT] [DEPT 20/40]
 101 [PLU/VALID]
 10 [+%/PO]
 [AMT TEND/TOTAL]

```

MC#1234      00000075
CLERK# 1
RETURN MDS
DEPARTMENT40 *0.30T1
PLU#101
           0000000000101
           *-1.01
%ADD-ON      10%
           *-0.10
-----
TAXABLE1 WO  10%
           *0.27
TAX 1 TOTAL  10%
           *0.03
TAXABLE W/O TAX TL
           *0.27
TOTAL TAX    *0.03
TAXABLE0 WT *-1.11
-----
TOTAL LOCAL *-0.81
CHARGE LOCAL
           *-0.81
ITEM         0.000

16-03-2000   12:18
  
```

Character shift entry

A/N Display is shifted.

Example : DEPT 1 = „ABCDEFGHIJKLMNOPQR

	A/N Display
[DEPT 1/21]	ABCDEFGHIJ
[QTY/TIME]	IJKLMNOPQR
[QTY/TIME]	ABCDEFGHIJ
[DEPT 2/22]	DEPT 2

Take out operations

Change of TAX(TAX1-->TAX2)

Example : TAX1=10%, TAX2=20%, TAX3=30%
 DEPT1=TAX1, DEPT2=TAX2, DEPT3=TAX3

[DEPT 1/21]
 [DEPT 2/22]
 [DEPT 3/23]
 [TAKE OUT]
 [TENDER]

MC#1234	00000025
CLERK#	1
DEPARTMENT01	*1.00T1
DEPARTMENT02	*2.00T2
DEPARTMENT03	*3.00T3

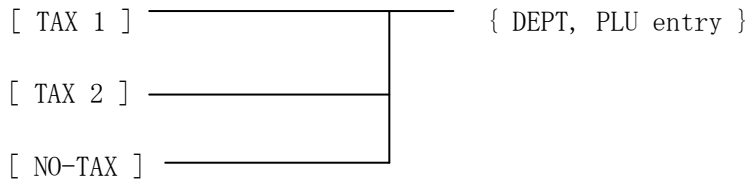
TAXABLE2 WO	20%
	*2.50
TAX 2 TOTAL	20%
	*0.50
TAXABLE3 WO	30%
	*2.31
TAX 3 TOTAL	30%
	*0.69
TAXABLE W/O TAX TL	
	*4.81
TOTAL TAX	*1.19

TOTAL LOCAL	*6.00
CASH LOCAL	
	*6.00
ITEM	3.000
16-03-2000	12:10

Tax1, Tax2, No-Tax key operations

Programmed TAX status for departments, PLU's, can be changed by TAX key, namely, TAX1, TAX2 and NO-TAX.

Tax status for TAX key depressed prior to depressing one of the said key which you wish to change TAX status for precedes to tax status programmed for it. Change of tax status is shown below:



TAX KEY	TAX status programmed for DEPT, PLU	TAX status after Depressing TAX key
TAX 1	Non-taxable	→ Taxable by TAX1
TAX 1	Taxable	→ Taxable by TAX1
TAX 2	Non-taxable	→ Taxable by TAX2
TAX 2	Taxable	→ Taxable by TAX2
NO-TAX	Non-taxable	→ Taxable by NO-TAX
NO-TAX	Taxable	→ Taxable by NO-TAX

Example : Assuming the followings are programmed; TAX 1=10%, TAX 2=20%, DEPT 1=TAXABLE BY TAX1, DEPT 2=TAXABLE BY TAX 2, DEPT 3=NON-TAXABLE.

In case of registering without using TAX key;

```

[ DEPT 1/21 ]
[ DEPT 2/22 ]
[ DEPT 3/23 ]
[ AMT TEND/TOTAL ]
    
```

In case that TAX key is used;

```

[ TAX 2 ]
[ DEPT 1/21 ]
[ NO-TAX ]
[ DEPT 2/22 ]
[ TAX 1 ]
[ DEPT 3/23 ]
[ AMT TEND/TOTAL ]
    
```

In case of registering without using TAX key;

MC#1234	00000025
CLERK#	1
DEPARTMENT01	*1.00T1
DEPARTMENT02	*2.00T2
DEPARTMENT03	*3.00

TAXABLE1 WO	10%
	*0.91
TAX 1 TOTAL	10%
	*0.09
TAXABLE2 WO	20%
	*1.67
TAX 2 TOTAL	20%
	*0.33
TAXABLE W/O TAX TL	
	*2.58
TOTAL TAX	*0.42
TAXABLE0 WT	*3.00

TOTAL LOCAL	*6.00
CASH LOCAL	
	*6.00
ITEM	3.000
16-03-2000	12:10

In case that TAX key is used;

MC#1234	00000025	
CLERK# 1		
TAX2 ON		
DEPARTMENT01 *1.00T2		①
NO-TAX		
DEPARTMENT02 *2.00		②
TAX1 ON		
DEPARTMENT03 *3.00T1		③

TAXABLE1 WO	10%	
	*2.73	
TAX 1 TOTAL	10%	
	*0.27	
TAXABLE2 WO	20%	
	*0.83	
TAX 2 TOTAL	20%	
	*0.17	
TAXABLE W/O TAX TL		
	*3.56	
TOTAL TAX	*0.44	
TAXABLEO WT	*2.00	

TOTAL LOCAL	*6.00	
CASH LOCAL		
	*6.00	
ITEM	3.000	
16-03-2000	12:10	

- ① Tax status for DEPT 1 is Tax 1. This was changed to Tax 2 by depressing TAX 2 key.
- ② Tax status for DEPT 2 is Tax 2. This was changed to No-Tax by depressing NON-TAXABLE key.
- ③ Tax status for DEPT 3 is Non-Taxable. This was changed to Tax 1 by depressing TAX 1 key.

Double receipt issue operations

[ST] key enables re-print receipt. Data to be accumulated in RAM to enable this feature is 60 lines. In the event that data exceeds 60 lines, only total amount is to be printed.

Example :

(100) - [DEPT 1/21]

(1) - [PLU/VALID]

[AMT TEND/TOTAL]

[ST] → Re-print receipt

Link PLU

Assuming the followings are programmed : Program condition

	CAPTION	PRICE	LINK PLU
PLU 7	Beer	100	01
PLU 8	Hamburger lanch	500	10, 11, 12

LINK PLU	CAPTION	PRICE
01	B. R. (Beer)	-10
10	Rice	0
11	Corn soup	0
12	Coffee	0

Example 1) [PLU#7]

Beer	*1.00
B. R. (Beer)	*-0.10

TAXABLEO WT	*0.90

TOTAL LOCAL	*0.90
CASH LOCAL	
	*0.90

Example 2) [PLU#8]

Hamburger lanch	
	*5.00
Rice	*0.00
Corn soup	*0.00
Coffee	*0.00

TAXABLEO WT	*5.00

TOTAL LOCAL	*5.00
CASH LOCAL	
	*5.00

Menu price modification function

[PLU PRICE] or [PRICE 2]

[PLU/VALID]

Example :

[PRICE 2]
 1 [PLU/VALID]
 2 [PLU/VALID]

PLU 1	PRICE 1	100
	PRICE 2	200
PLU 2	PRICE 1	200
	PRICE 2	400

```

MC#1234      00000025
CLERK# 1
PLU#01 0000000000001
           *2.00T1
PLU#02 0000000000002
           *2.00T2
-----
TAXABLE1 WO 10%
           *1.82
TAX 1 TOTAL 10%
           *0.18
TAXABLE2 WO 20%
           *1.67
TAX 2 TOTAL 20%
           *0.33
TAXABLE W/O TAX TL
           *3.49
TOTAL TAX   *0.51
-----
TOTAL LOCAL *4.00
CASH LOCAL
           *4.00
ITEM       2.000
16-03-2000 12:10
    
```

Note) It can be controlled by system programming option to change price for either temporary or Fixed. Above sample is for temporary price change.

House key operations

[HOUSE]

{ DEPARTMENT or PLU entry }

Example :

[HOUSE]
[DEPT 1/21]
[DEPT 2/22]

MC#1234	00000075
CLERK#	1
DEPARTMENT01	OFFER
DEPARTMENT02	*2.00T2

Price inq. key operations

[PRICE INQ.] - (PLU entry)

or

(PLU#) - [PRICE INQ.]

Example :

		DISPLAY
	[PRICE INQ.]	PLU 1
1	[PLU/VALID]	100

Tray total system

- ① { DEPARTMENT or PLU entry }
[TRAY SUBTOTAL]
- ② { DEPARTMENT or PLU entry }
[TRAY SUBTOTAL]
[TRAY SUBTOTAL]
- ③ { DEPARTMENT or PLU entry }
[TENDER]

Example :

[DEPT 1/21]
[DEPT 2/22] ①
[TRAY SUBTOTAL]

[DEPT 3/23]
[DEPT 4/24] ②
[TRAY SUBTOTAL]
[TRAY SUBTOTAL]

[DEPT 5/25]
[DEPT 6/26] ③
[AMT TEND/TOTAL]

①

MC#1234	00000075
CLERK#	1
DEPARTMENT01	*1.00T1
DEPARTMENT02	*2.00T2

TAXABLE1 WO	10%
	*0.91
TAX 1 TOTAL	10%
	*0.09
TAXABLE2 WO	20%
	*1.67
TAX 2 TOTAL	20%
	*0.33
TAXABLE W/O TAX TL	
	*2.58
TOTAL TAX	*0.42

TOTAL LOCAL	*3.00
TRAY SUBTOTAL	
	*3.00
ITEM	2.000
16-03-2000	12:18

②

MC#1234	00000076
CLERK#	1
DEPARTMENT03	*3.00T3
DEPARTMENT04	*4.00T4

TAXABLE3 WO	30%
	*2.31
TAX 3 TOTAL	30%
	*0.69
TAXABLE4 WO	40%
	*2.86
TAX 4 TOTAL	40%
	*1.14
TAXABLE W/O TAX TL	
	*5.17
TOTAL TAX	*1.83

TOTAL LOCAL	*7.00
TRAY SUBTOTAL	
	*7.00
ITEM	2.000
16-03-2000	12:18

③

MC#1234	00000077
CLERK# 1	
TRAY SUBTOTAL	
	*10.00

DEPARTMENT05	*5.00T5
DEPARTMENT06	*6.00T6

TAXABLE5 WO	50%
	*3.33
TAX 5 TOTAL	50%
	*1.67
TAXABLE6 WO	60%
	*3.75
TAX 6 TOTAL	60%
	*2.25
TAXABLE W/O TAX TL	
	*7.08
TOTAL TAX	*3.92

TOTAL LOCAL	*21.00
CASH LOCAL	
	*21.00
ITEM	2.000
16-03-2000	12:18