

OPERATION MANUAL

DX890 - 06

TX870 - 06

TX850 - 06

V1.04

THE SOCKET-OUTLET SHALL BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE.

LA PRISE DOIT ETRE PRES DE L'APPAREIL ET FACILE D'ACCES.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

-
1. The contents of this manual are subject to change without notice.
 2. Uniwell cannot be held responsible if other products, which are not approved by Uniwell, are used for options or expendable supplies.
-

CONTENTS

Refer to the separate User's manual for the specifications, installation, display and screen layout. Set up and configuration of the ECR is performed by referencing the help file or programming manual.

1. FUNCTION BUTTON LIST.....	1
2. CLERK OPERATIONS	3
2-1. Clerk systems	3
2-2. Signing on a clerk	3
a) Using hard clerk buttons	3
b) Using secret clerk codes	3
c) Using clerk card	4
d) Using iButton	4
2-3. Signing off a clerk.....	4
2-4. Assign HARD CLERK buttons in X key position [SF-21.C]	4
2-5. Clerk sign-on screen.....	5
2-6. Clerk log-on/off - time and attendance operation	6
a) Clerk Log-on/off Operation on Normal Screen (non clerk sign-on screen)	6
b) Clerk Log-on/off Operation on Clerk Sign-on Screen	7
2-7. Clerk training mode	9
3. PLU SALES OPERATIONS.....	10
3-1. PLU registration.....	10
a) Hard PLU buttons / Scanner	10
b) Coded PLUs	10
3-2. Look up PLU buttons.....	11
3-3. PLU multiplication.....	11
a) Hard PLU buttons / Scanner	11

b)	Coded PLUs	12
c)	Look up PLUs	12
d)	4-digit multiplication	13
3-4.	Manual price entry	14
a)	Hard PLU buttons / Scanner	14
b)	Coded PLUs	15
c)	Look up PLUs	15
3-5.	Prices	16
a)	How to change price levels	16
b)	How to change price within each level	16
3-6.	PLU modifiers (half / double, small / large, or programmable value)	17
3-7.	PLU menu levels	18
3-8.	Price inquiry (display only)	19
3-9.	Single item	19
3-10.	Complimentary PLUs	20
3-11.	Coupon PLUs	21
3-12.	Special PLUs	22
3-13.	Cooking instructions	25
a)	By linking them directly to specified PLUs in programming (SP-122 PLUs: COOK = 1~20)	25
b)	By pressing a COOKING 1 ~ 64 buttons (SP-122 PLUs: COOK = 0)	25
c)	Cooking instruction group 1 is listed by pressing COOKING MESSAGE (SP-122 PLUs: COOK = 0)	26
d)	Manual cooking message entry by pressing MANUAL COOKING button	26
3-14.	Condiments	27
3-15.	Category Change	29
3-16.	Automatic link PLUs (expanded Look Up PLU function)	31
a)	Chained up to 40 PLUs [SF-20.E=YES, PF-04.F=YES]	31
b)	One link PLU (unchained) [SF-20.E=NO, PF-04.F=YES]	33
3-17.	Set menu - Course (expanded Look Up PLU function)	34
3-18.	Topping (expanded Look Up PLU function)	38
a)	Selectable topping lists - by pressing one of Look Up PLU buttons	38
b)	Pre-programmed topping list - automatic topping list	39
3-19.	Take out / Eat in system with Combo menu (expanded Look Up PLU function)	40
a)	Eat in/Take out operation	41
b)	Eat in/Take out operation with Price Level Shift	41
c)	Eat in/Take out operation with Combo Menu	43
d)	Mode selection for take-out system	44
e)	Kitchen Printer for take-out and delivery items	45
f)	Automatic tax shift in take-out system	46
g)	Tax status changed by the Eat-in/Take-out/Delivery	47
h)	Grouped PLU report used as Eat in/Take out/Delivery sales report	49
h)	Grouped PLU report used as Eat in/Take out/Delivery sales report	49
3-20.	Mix & Match	51
a)	Programming Contents	51
b)	Operation Samples	52
c)	Mix & Match Report	59
d)	Operational Restrictions	61
4.	OTHER FUNCTIONS	62
4-1.	No sale	62
4-2.	Item correction (CR)	63
4-3.	Void	64
4-4.	Refund	65
4-5.	Media Refund	66
4-6.	Non-add number (Message Entry)	67
4-7.	Tip	68
4-8.	Amount discount	69
a)	Preset amount discount	69
b)	Manual amount discount	69
4-9.	Adjustments	70
4-10.	Percentages	71
a)	Preset percentage on subtotal	71
b)	Manual percentage on subtotal	71
c)	Item discount / add-on charge	72
4-11.	Repeat transaction	72
4-12.	Media (Total) to finalize transaction	73

a)	Tendering (Closing methods)	73
b)	Preset tender	73
c)	Special media	74
d)	Media multiplication	74
e)	Pre-payment (partial payment) media for track operation	75
f)	Card payment	76
g)	National (Local) currency symbol print	78
4-13.	Euro currency	79
4-14.	Foreign currency	81
4-15.	Paid out	82
4-16.	Deposit	83
a)	Deposit in	83
b)	Deposit out	84
4-17.	Persons	85
4-18.	Track systems (Billing systems)	87
a)	Characteristics	87
b)	Operation Sequence --- same for both bill and table number systems	88
c)	Split Bill - Item Transfer [SF-37.E=NO]	96
d)	Split Bill for Multiplied Items	98
e)	Track Transfer	101
f)	Clerk Track Transfer	102
g)	Floating Track	108
g)	Program Options for Track Systems	108
4-19.	Seat number assignment	110
a)	Seat assignment - assigning seat numbers to each person	110
b)	Seat change - changing seat numbers on registered items	111
c)	Seat transfer - splitting seats to another transaction	112
d)	Notes	114
4-20.	Tax system	115
a)	Tax System Outline	115
b)	Automatic Tax Exemption --- only for add-on tax items calculated by add-on tax method	117
c)	Manual Tax Exemption --- only for add-on tax items calculated by add-on tax method	118
d)	Tax Shift --- for add-on tax system and VAT system	120
e)	Program Options	122
4-21.	Ticket system	124
4-22.	Customer file	126
a)	Customer file addition during registration [SF-109.G=NO]	127
b)	Broadcast customer file [SF-87.A=YES]	129
c)	Customer file pick-up methods during registration	130
d)	Picked up customer file cancellation during registration	132
e)	Picked up customer file checking during registration	133
f)	Limitations for customer file function	133
g)	Customer name printed in header	133
g)	Customer file search by customer name	134
4-23.	Server number	135
4-24.	Room system	136
4-25.	Loyalty system	136
4-26.	Cash declaration	137
4-27.	2nd page on main screen (REG mode)	138
4-28.	Automatic Order Number	139
4-29.	Labor Cost	140
a)	Programming Contents	140
b)	Setup	145
c)	X/Z-20 Labor Cost Report	146
d)	Labor Cost Report Sample	147
4-30.	Scale function	152
a)	Programming Contents	152
b)	Registration of Scalable Items	154
c)	Registration of Scalable Items with Tare Weight Entry	156
d)	Print/Display of Scalable Item Registration	158
e)	Refund of Scalable Item Registration	159
4-31.	Customer Invoice	161
4-32.	Track Name	161
4-33.	Proforma Invoice Function	161
4-34.	Table Plan	161
4-35.	Piece Count System	161

4-36.	Add Value to Smart Card Function	161
4-37.	Broadcast in location	161
4-38.	Person Average Sales	161
4-39.	FTP Comms	161
4-40.	Split Bill by Quantity	161
4-41.	Label Print on KP	161
4-42.	KP, RCT Server	161
4-43.	Media count on report	161
4-44.	UDP Streaming	161
4-45.	Trintech Operations	161
5.	PRINT FUNCTION	162
5-1.	Types of printer	162
5-2.	Flexible receipt printing	162
5-3.	Graphic logo	162
5-4.	Receipt on/off	162
5-5.	Direct sales print	162
5-6.	Direct sales print	163
5-7.	Media prints the signature line	163
5-8.	Buffer print system	164
5-9.	Subtotal bills	165
5-10.	Final checkout bills	165
5-11.	KP server / Receipt server	165
5-12.	Order (kitchen) printer	166
5-13.	Slip printer	167
5-14.	Cheque printing by slip printer TP-620	167
6.	COMMUNICATION	168
7.	REPORTING	169
7-1.	X/Z reports	169
7-2.	Electronic Journal Function (EJF)	170
7-3.	FTP Communication and UDP Streaming	170
7-4.	Program Dump Reports	170
7-5.	Report List	171
7-6.	IRC Report List	172
8.	WARNING MESSAGE	173

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/uniwell/TX-850 and TX-870 and DX-890 type 06](https://the-checkout-tech.com/manuals/uniwell/TX-850%20and%20TX-870%20and%20DX-890%20type%2006)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://the-checkout-tech.com)