

Download Procedures

4

Full Download Procedure

A download of the Omni 470 terminal takes approximately 45 minutes to complete. Before a terminal can receive a download, you must prepare it to accept the download by performing the following steps.

When keying in the password, no numbers will appear on display. If the terminal does not have its own phone line, instruct the merchant to hang up before pressing [ENTER]. After staging the download file, wait 30 seconds before having the merchant begin the download steps.

Step	Display	Action	Keys
1	I D L E P R O M P T	Press:	[ENTER] AND [7] SIMULTANEOUSLY
2	S Y S T E M P A S S W O R D ?	Key:	Z66831
3	* * * * *	Press:	[ENTER]
4	S Y S T E M = V . . .	Press:	[BACKSPACE]
5	M E M O R Y T E S T . . . M E M W I L L B E L O S T . . . P R E S S F U N C I F O K	Press:	[ENTER]
6	M E M O R Y O K . . . M E M O R Y T E S T . . .	Press:	[CLEAR] UNTIL YOU SEE "SYSTEM" AGAIN
7	S Y S T E M = V . . .	Key:	[0]
8	* Z P =	Key:	THE DOWNLOAD TELEPHONE NUMBER (18003629020) AND PRESS [ENTER]
9	* Z T =	Key:	THE DOWNLOAD FILE NAME AND PRESS [ENTER]
10	* Z A =	Key:	THE APPLICATION NAME (VSPR45x) AND PRESS [ENTER]
11	P A R T I A L O R F U L L ?	Press:	[CLEAR] TWICE
12	S Y S T E M = V . . .	Key:	[7]
13	E D I T C O N F I G . S Y S	Press:	[ENTER]
14	R E C A L L ?	Key:	*ZR THEN PRESS [ENTER]
15	* Z R = < E M P T Y >	Press:	[BACKSPACE]
16	* Z R =	Key:	[3]
17	3	Press:	[ENTER]
18	* Z R = 3	Press:	[CLEAR] TWICE
19	S Y S T E M = V . . .	Key:	[0]

Step	Display	Action	Keys
20	PARTIAL OR FULL?	Press:	[ENTER] FOR A FULL DOWNLOAD
21	CONNECTED. . * - - - - -	Press:	NO ACTION WHILE DOWNLOADING
22	DOWNLOAD DONE	Press:	[CLEAR]


Back-to-Back Download

An Omni 470 terminal can download to another Omni 470 by following the instructions below:

1. Connect cable to each terminal's RS-232 port using the appropriate part number.
2. Go into system mode with each terminal.
3. Press [#] on the unit receiving the download.
4. Press [*] on the unit sending the download.

Partial Download Procedure

Partial downloads are used to change a select few memory locations that are already programmed in the terminal. A few examples of information that could be changed through a partial download are the printer/header information or card services.

 Before initiating a partial download, the file must be staged by clicking the "Full" button in TMS. After staging the download file, wait 30 seconds before having the merchant begin the download steps.

Step	Display	Action	Key(s)
1	IDLE PROMPT	Press:	[ENTER] AND [7] SIMULTANEOUSLY
2	SYSTEM PASSWORD?	Key:	Z66831
3	*****	Press:	[ENTER]
4	SYSTEM = V....	Key:	[0]
5	PARTIAL OR FULL?	Key:	[*]
6	* - - - - -	Press:	NO ACTION WHILE DOWNLOADING
7	DOWNLOAD DONE	Press:	[CLEAR]

Host Key Functions

The following are the function keys on the PNS Omni 470 terminal.

Key	Transaction Type
Key 1	Sale
Key 2	Refund
Key 3	Void
Key 4	Offline Sale (Prior)
Key 5	Check Authorization
Key 6	Authorization Only
Key 7	Total Report
Key 8	Detail Report
Key 9	Settlement
Function 1	Tip Adjust
Function 2	Server Reports/Setup
Function 3	Batch Review
Function 4	Tab
Function 5	Shift Management
Function 6	Reprint Receipt/Batch History
Function 7	Phone Order
Function 8	Balance Inquiry
Function 9	Setup


Other Set-Up Mode

To access and make changes in the terminal set up mode, please use the following steps. All setup instructions are performed with the F1 menu arrow scrolling down.

Access Initial Set Up Functions

Step	Display	Action	Key(s)
1	Idle Prompt	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	SETUP DEMO >	Press:	[#] until you see the desired menu option.

Demo

 The batch must be cleared before changing from live to demo mode.

Step	Display	Action	Key(s)
1	Idle Prompt	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	SETUP DEMO >	Press:	[ENTER]
6	DEMO DEMO MODE = OFF CHANGE MODE? 1=NO 2=YES	Key:	[1] = no [2] = yes
7	DEMO MODE ON SETUP DEMO >	Press:	[CLEAR] to return to set up menu. Press [CLEAR] again to return to the idle prompt.

Batch Table

Clear Batch

Step	Display	Action	Key(s)
1	IDLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	BATCH >	Press:	[#]
9	MERCH >	Press:	[#]
10	COMM >	Press:	[#]
11	3201 >	Press:	[#]
12	HOST >	Press:	[#]
13	CKRDR >	Press:	[#]
14	DNLD >	Press:	[#]
15	EDI TCARDS >	Press:	[#]
16	SRVCCODE >	Press:	[#]
17	EDITLOYAL >	Press:	[#]
18	LOCKKBD >	Press:	[#]
19	CLEARBATCH >	Press:	[ENTER]
20	PASSWORD=	Key:	[Z66831]
21	CLEAR BATCH CONFIRM 1=ALL 2=ONE	Press:	[1] – To choose all hosts [2] – To choose PAYM host
22	CLEAR BATCH CONFIRM 1=NO 2=YES	Press:	[1] – To cancel [2] – To clear batch
23	CLEAR BATCH EMPTY BATCH		No action while processing.
24	SET UP DEMO >	Press:	[CLEAR] to return to idle prompt.

Increment Batch

Step	Display	Action	Key(s)
1	Idle Prompt	Press:	[ENTER]
2	FUNCTIONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	SETUP DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	BATCH >	Press:	[ENTER]
9	EDIT BATCH WAIT... #1/2= <VALUE>	Press:	Press [ENTER] to edit the Paymentech batch.
10	BATCH # <VALUE>	Press:	[ENTER]
11	NEW=	Key:	Enter new batch number.
12	NEW= <NEW VALUE>	Press:	[ENTER]
13	BATCH LIMIT <NEW VALUE>	Key:	[BACKSPACE]
14	SAVE CHANGES ? 1=CNCL 2=OK	Press:	[1] – to cancel all changes [2] – to save all changes
15	#1/2=<VALUE>	Press:	[CLEAR] to return to set up menu. Press [CLEAR] again to return to the idle prompt.

Step	Display	Action	Key(s)
28	RCT HDR 5 <NEW VALUE>	Press:	[#]
29	SUPER PWD *****	Press:	[ENTER]
30	NEW=	Key:	New Supervisor password.
31	NEW= *****	Press:	[ENTER]
32	SUPER PWD *****	Press:	[#]
33	MANAGER PWD *****	Press:	[ENTER]
34	NEW=	Key:	New manager password.
35	NEW= *****	Press:	[ENTER]
36	MANAGER PWD *****	Press:	[#]
37	CLRK/SRVR MODE <VALUE>	Press:	[ENTER]
38	NEW=	Key:	[0] – None [1] – Log on/off [2] – Prompting
39	CLRK/SRVR MODE <VALUE>	Press:	[#]
40	\$ OVERAGE AMT <VALUE>	Press:	[ENTER]
41	NEW=	Key:	New percent value.
42	NEW= <NEW VALUE>	Press:	[ENTER]
43	\$ OVERAGE AMT <NEW VALUE>	Press:	[#]
44	FOOTER 1 <VALUE>	Press:	[ENTER]
45	NEW=	Key:	New footer information.
46	NEW= <NEW VALUE>	Press:	[ENTER]
47	FOOTER 1 <NEW VALUE>	Press:	[#]
48	FOOTER 2 <VALUE>	Press:	[ENTER]
49	NEW=	Key:	New footer information.
50	NEW= <NEW VALUE>	Press:	[ENTER]
51	FOOTER 2 <NEW VALUE>	Press:	[#]
52	FOOTER 3 <VALUE>	Press:	[ENTER]
53	NEW=	Key:	New footer information.
54	NEW= <NEW VALUE>	Press:	[ENTER]
55	FOOTER 3 <NEW VALUE>	Press:	[#]
56	FOOTER 4 <VALUE>	Press:	[ENTER]
57	NEW=	Key:	New footer information.
58	NEW= <NEW VALUE>	Press:	[ENTER]
59	FOOTER 4 <NEW VALUE>	Press:	[#]

Step	Display	Action	Key(s)
60	AUTOSETT TI ME <VALUE>	Press:	[ENTER]
61	NEW=	Key:	New time for terminal to attempt auto settle in HHMMSS format.
62	NEW= <NEW VALUE>	Press:	[ENTER]
63	AUTOSETT TI ME <NEW VALUE>	Press:	[#]
64	APPL TYPE <VALUE>	Press:	[ENTER]
65	NEW=	Key:	[0] – Retail [1] – Restaurant
66	NEW= <NEW VALUE>	Press:	[ENTER]
67	APPL TYPE <NEW VALUE>	Press:	[#]
68	PI NPAD TYPE <VALUE>	Press:	[ENTER]
69	NEW=	Key:	[4] – O470PIP
70	NEW= <NEW VALUE>	Press:	[ENTER]
71	PI NPAD TYPE <NEW VALUE>	Press:	[#]
72	SHI FT TYPE <VALUE>	Press:	[ENTER]
73	NEW=	Key:	[0] – None [1] – Automatic [2] – Manual
74	NEW= <NEW VALUE>	Press:	[ENTER]
75	SHI FT TYPE <NEW VALUE>	Press:	[#]
76	DUP CHECK METHOD <VALUE>	Press:	[#]
77	NEW=	Key:	[0] – No [1] – Last transaction [2] – Whole batch
78	NEW= <NEW VALUE>	Press:	[ENTER]
79	DUP CHECK METHOD <NEW VALUE>	Press:	[#]
80	NOTI FY TI ME <VALUE>	Press:	[ENTER]
81	NEW=	Key:	New minute value 0-59, for hourly notification.
82	NEW= <NEW VALUE>	Press:	[ENTER]
83	NOTI FY TI ME <NEW VALUE>	Press:	[#]
84	PRI NT OPTI ON <VALUE>	Press:	[ENTER]

Step	Display	Action	Key(s)
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85	NEW=	Key:	[0] – None [1] – Prompt [2] – Customer [3] – Merchant [4] – Both
86	NEW= <NEW VALUE>	Press:	[ENTER]
87	PRINT OPTION <NEW VALUE>	Press:	[#]
88	INV # 2	Press:	[ENTER]
89	NEW=	Key:	[NEW VALUE]
90	NEW= <NEW VALUE>	Press:	[ENTER]
91	INV # <NEW VALUE>	Press:	[ENTER]
92	CUSTOM COPY OPT 1	Press:	[ENTER]
93	NEW=	Key:	[0] [1] [2]
94	PROMPT BEEP DELAY 5	Press:	[ENTER]
95	NEW=	Key:	[0-59] Seconds
96	EXCESS TIP AMT 0	Press:	[ENTER]
97	NEW=	Key:	Enter % of excessive tip and [ENTER]
98	SUGGEST TIP 1 10	Press:	[ENTER]
99	NEW=	Key:	Enter suggested tip % and [ENTER]
100	SUGGEST TIP 2 15	Press:	[ENTER]
101	NEW=	Key:	Enter suggested tip % and [ENTER]
102	SUGGEST TIP 3 20	Press:	[ENTER]
103	NEW=	Key:	Enter suggested tip % and [ENTER]
104	ECI TYPE 0	Press:	[ENTER]
105	NEW=	Key:	Enter ECI Type
106	HOURLY NOTIFY 0	Press:	[ENTER]
107	NEW=	Key:	[0] – No [1] – Yes
108	NEW= <NEW VALUE>	Press:	[ENTER]
109	HOURLY NOTIFY <NEW VALUE>	Press:	[ENTER]
110	PROC TIPS <VALUE>	Press:	[ENTER]
111	NEW=	Key:	[0] – No tips used [1] – Yes, prompt for tip entry
112	NEW= <NEW VALUE>	Press:	[ENTER]

113	PROC TIPS <NEW VALUE>	Press:	[ENTER]
Step	Display	Action	Key(s)
114	PRE - PRINT <VALUE>	Press:	[ENTER]
115	NEW=	Key:	[0] – No [1] – Yes
116	NEW= <NEW VALUE>	Press:	[ENTER]
117	PRE PRINT <NEW VALUE>	Press:	[ENTER]
118	PRINT CUSTOMER <VALUE>	Press:	[ENTER]
119	NEW =	Key:	[0] – No [1] – Yes
120	NEW = <NEW VALUE>	Press:	[ENTER]
121	PRINT CUSTOMER <NEW VALUE>	Press:	[ENTER]
122	TRNING SETTLE ? <VALUE>	Key:	[ENTER]
123	NEW=	Key:	[0] – No [1] – Yes
124	NEW= <NEW VALUE>	Press:	[ENTER]
125	TRNING SETTLE ? <NEW VALUE>	Press:	[#]
126	SINGLE SETTLE <VALUE>	Key:	[ENTER]
127	NEW=	Key:	[0] – No [1] – Yes
128	NEW= <NEW VALUE>	Press:	[ENTER]
129	SINGLE SETTLE <NEW VALUE>	Press:	[#]
130	DEMO MODE? <VALUE>	Key:	[ENTER]
131	NEW=	Key:	[0] – No [1] – Yes
132	NEW= <NEW VALUE>	Press:	[ENTER]
133	DEMO MODE? <NEW VALUE>	Press:	[#]
134	MANUAL PASSWORD <VALUE>	Press:	[ENTER]
135	NEW=	Key:	[0] – No [1] – Yes
136	NEW= <NEW VALUE>	Press:	[ENTER]
137	MANUAL PASSWORD <NEW Val ue>	Press:	[#]
138	TIP ON SALE? <VALUE>	Press:	[ENTER]
139	NEW=	Key:	[0] – No [1] – Yes
140	NEW= <NEW VALUE>	Press:	[ENTER]
141	TIP ON SALE? <NEW VALUE>	Press:	[#]
142	UNADJUST TIP? <VALUE>	Press:	[ENTER]
143	NEW:	Key:	[0] – No [1] – Yes


Step	Display	Action	Key(s)
144	NEW: <NEW VALUE>	Press:	[ENTER]
145	UNADJUST TIP? <NEW VALUE>	Press:	[#]
146	AUTO SETTLE ? <VALUE>	Press:	[ENTER]
147	NEW=	Key:	[0] – No [1] – Yes
148	NEW= <NEW VALUE>	Press:	[ENTER]
149	AUTO SETTLE <NEW VALUE>	Press:	[#]
150	ENABLE PRINTER? <VALUE>	Press:	[ENTER]
151	NEW=	Key:	[0] – Off [1] – On
152	NEW= <NEW VALUE>	Press:	[ENTER]
153	ENABLE PRINTER? <NEW VALUE>	Press:	[#]
154	CASH TIP ON? <VALUE>	Press:	[ENTER]
155	NEW=	Key:	[0] – Off [1] – On
156	NEW= <NEW VALUE>	Press:	[ENTER]
157	CASH TIP ON? <NEW VALUE>	Press:	[#]
158	IRS RPT CLK LINE <VALUE>	Press:	[ENTER]
159	NEW=	Key:	[0] – Off [1] – On
160	NEW= <NEW VALUE>	Press:	[ENTER]
161	IRS RPT CLK LINE <NEW VALUE>	Press:	[#]
162	FAST PRINT O	Press:	[ENTER]
163	NEW=	Key:	[0] – Off [1] – On
164	NEW= <NEW VALUE>	Press:	[ENTER]
165	SOFTKEY ON CHECK <VALUE>	Press:	[ENTER]
166	NEW=	Key:	[0] – No [1] – Yes
167	NEW= <NEW VALUE>	Press:	[ENTER]
168	SOFTKEY ON CHECK <NEW VALUE>	Press:	[#]
169	TERMINAL BEEP <VALUE>	Press:	[ENTER]
170	NEW=	Key:	[0] – No [1] – Yes
171	NEW= <NEW VALUE>	Press:	[ENTER]
172	TERMINAL BEEP <NEW VALUE>	Press:	[#]
173	TOP COPY - MERCH <VALUE>	Press:	[ENTER]

Step	Display	Action	Key(s)
174	NEW=	Key:	[0] – No [1] – Yes
175	NEW= <NEW VALUE>	Press:	[ENTER]
176	TOP COPY - MERCH <NEW VALUE>	Press:	[#]
177	PREDIAL ON DEBIT <VALUE>	Press:	[ENTER]
178	NEW=	Key:	[0] – No [1] – Yes
179	NEW= <NEW VALUE>	Press:	[ENTER]
180	PREDIAL ON DEBIT <NEW VALUE>	Press:	[#]
160	PROMPT LANGUAGE? <VALUE>	Press:	[ENTER]
161	NEW=	Key:	[0] – No [1] – Yes
162	NEW= <NEW VALUE>	Press:	[ENTER]
163	PROMPT LANGUAGE? <NEW VALUE>	Press:	[#]
164	COUNTER PAY TI P? O	Press:	[ENTER]
165	NEW=	Key:	[0] – No [1] – Yes
166	NEW= <NEW VALUE>	Press:	[ENTER]
167	COUNTER PAY TI P? <NEW VALUE>	Press:	[#]
168	SUGGEST TI P ON? O	Press:	[ENTER]
169	NEW=	Key:	[0] – No [1] – Yes
170	NEW= <NEW VALUE>	Press:	[ENTER]
171	SUGGEST TI P ON? <NEW VALUE>	Press:	[#]
172	CLOSE TAB OVRG O	Press:	[ENTER]
173	NEW=	Key:	[0] – No [1] – Yes
174	NEW= <NEW VALUE>	Press:	[ENTER]
175	CLOSE TAB OVRG <NEW VALUE>	Press:	[#]
176	MERCH NAME/RCT HDR 1 <VALUE>	Press:	[BACKSPACE]
165	SAVE CHANGES ? 1=CNCL 2=OK	Press:	[1] – To cancel all changes [2] – To save all changes
166	#1/1=<VALUE>	Press:	[CLEAR] to return to set up menu. Press [CLEAR] again to return to the idle prompt.

Communication

Cannot use the (800) 372-7107 phone number. Also do not use an access code in front of the phone numbers.

Step	Display	Action	Key(s)
1	Idle Prompt	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	MERCH >	Press:	[#]
9	BATCH >	Press:	[#]
10	COMM >	Press:	[ENTER]
11	EDIT CPT WAIT... #1/2= <VALUE>	Press:	[ENTER]
12	PRI AUTH PHONE <VALUE>	Press:	[ENTER]
13	NEW:	Key:	New primary authorization phone number.
14	NEW: <NEW VALUE>	Press:	[ENTER]
15	PRI AUTH PHONE <NEW VALUE>	Press:	[#]
16	SEC AUTH PHONE <VALUE>	Press:	[ENTER]
17	NEW:	Key:	New secondary authorization phone number.
18	NEW: <NEW VALUE>	Press:	[ENTER]
19	SEC AUTH PHONE <NEW VALUE>	Press:	[#]
20	PRI SETT PHONE <VALUE>	Press:	[ENTER]
21	NEW=	Key:	New primary settlement phone number.
22	NEW= <NEW VALUE>	Press:	[ENTER]
23	PRI SETT PHONE <NEW VALUE>	Press:	[#]
24	SEC SETT PHONE <VALUE>	Press:	[ENTER]
25	NEW=	Key:	New secondary settlement phone number.
26	NEW= <NEW VALUE>	Press:	[ENTER]
27	SEC SETT PHONE <NEW VALUE>	Press:	[#]
28	MODEM PARAMS <VALUE>	Press:	Edit is not allowed.

 The terminal puts a pause in automatically . If comm problems persist, try a comma after the access code for a longer pause.

Step	Display	Action	Key(s)
29	BAUD RATE <VALUE>	Press:	[ENTER]
30	NEW=	Key:	[0] - 300 [2] - 1200 [3] - 2400 [4] - 4800 [5] - 9600 [6] - 19200
31	NEW= <NEW VALUE>	Press:	[ENTER]
32	BAUD RATE <NEW VALUE>	Press:	[ENTER]
33	RECONNECT <VALUE>	Press:	[ENTER]
34	NEW=	Key:	New reconnect value.
35	NEW= <NEW VALUE>	Press:	[ENTER]
36	RECONNECT <NEW VALUE>	Press:	[#]
37	REDIAL DELAY <VALUE>	Press:	[ENTER]
38	NEW=	Key:	New redial value.
39	NEW= <NEW VALUE>	Press:	[ENTER]
40	REDIAL DELAY <NEW VALUE>	Press:	[#]
41	PABX CODE <VALUE>	Press:	[ENTER]
42	NEW=	Key:	PABX access code.
43	NEW= <NEW VALUE>	Press:	[ENTER]
44	PABX CODE <NEW VALUE>	Press:	[#]
45	3101 HOST ADDR <VALUE>	Press:	Do not change this value.
46	BLIND DIAL <VALUE>	Press:	[ENTER]
47	NEW=	Key:	[0] – No [1] – Yes
48	NEW= <NEW VALUE>	Press:	[ENTER]
49	BLIND DIAL <NEW VALUE>	Press:	[#]
50	DIAL TYPE <VALUE>	Press:	[ENTER]
51	NEW:	Key:	[0] – Tone [1] - Pulse
52	NEW: <NEW VALUE>	Press:	[ENTER]
53	DIAL TYPE <NEW VALUE>	Press:	[#]
54	3101 COMM TYPE <VALUE>	Press:	Do not change this value.
55	PRI AUTH PHONE <VALUE>	Press:	[BACKSPACE]

Step	Display	Action	Key(s)
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Step	Display	Action	Key(s)
22	NEW = <NEW VALUE>	Press:	[ENTER]
23	EBT TYPE <NEW VALUE>	Press:	[#]
24	I MPRI NT REPT <VALUE>	Press:	[ENTER]
25	NEW:	Key:	[0] = NO [1] = YES
26	NEW = <NEW VALUE>	Press:	[ENTER]
27	I MPRI NT REPT <NEW VALUE>	Press:	[#]
28	TERMI NAL I D <VALUE>	Press:	[BACKSPACE]
29	SAVE CHANGES ? 1=CNCL 2=OK	Press:	[1] – To cancel al changes [2] – To save all changes
30	#1/1=<VALUE>		[CLEAR] to return to set up menu. Press [CLEAR] again to return to the idle prompt.

Check Reader

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= * * * * *	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	BATCH >	Press:	[#]
9	MERCH >	Press:	[#]
10	COMM >	Press:	[#]
11	3201 >	Press:	[#]
12	HOST >	Press:	[ENTER]
13	CKRDR >	Press:	[ENTER]
14	EDI T CKRDR WAI T... #1/1=0	Press:	[ENTER]
15	CKRDR TYPE <VALUE>	Press:	[ENTER]
16	NEW:	Key:	[0] – None [1] – CR 600 [2] - Other

Step	Display	Action	Key(s)
17	NEW: <NEW VALUE>	Press:	[ENTER]
18	CKRDR TYPE <NEW VALUE>	Press:	[#]
19	TERMI NAL PORT <VALUE>	Press:	[ENTER]
20	NEW:	Key:	[1] – Com 1 [2] – Com 2 [3] – Com 3
21	NEW: <NEW VALUE>	Press:	[ENTER]
22	TERMI NAL PORT <NEW VALUE>	Press:	[#]
23	TERM BAUD RATE <VALUE>	Press:	[ENTER]
24	NEW:	Key:	[0] - 300 [2] - 1200 [3] - 2400 [4] - 4800 [5] - 9600 [6] - 19200 [7] - 38400
25	NEW: <NEW VALUE>	Press:	[ENTER]
26	TERM BAUD RATE <NEW VALUE>	Press:	[#]
27	TERMI NAL FORMAT <VALUE>	Press:	[ENTER]
28	NEW:	Key:	[0] - A7E1 [1] - A7N1 [2] - A7O1 [3] - A8E1 [4] - A8N1 [5] - A8O1
29	NEW: <NEW VALUE>	Press:	[ENTER]
30	TERMI NAL FORMAT <NEW VALUE>	Press:	[#]
31	TERM HANDSHAKE <VALUE>	Press:	[ENTER]
32	NEW:	Key:	[0] – None [1] – Software [2] – CTS/RTS
33	NEW: <NEW VALUE>	Press:	[ENTER]
34	TERM HANDSHAKE <NEW VALUE>	Press:	[#]
35	CR600 COM1 BAUD <VALUE>	Press:	[ENTER]
36	NEW:	Key:	[0] - 300 [2] - 1200 [3] - 2400 [4] - 4800 [5] - 9600 [6] - 19200 [7] - 38400
37	NEW: <NEW VALUE>	Press:	[ENTER]
38	CR600 COM1 BAUD <NEW VALUE>	Press:	[#]

Step	Display	Action	Key(s)
39	CR600 COM1 FMT <VALUE>	Press:	[ENTER]
40	NEW:	Key:	[0] - A7E1 [1] - A7N1 [2] - A7O1 [3] - A8E1 [4] - A8N1 [5] - A8O1
41	NEW: <NEW VALUE>	Press:	[ENTER]
42	CR600 COM1 FMT <NEW VALUE>	Press:	[#]
43	CR600 COM1 H. S. <VALUE>	Press:	[ENTER]
44	NEW=	Key:	[0] - None [1] - CTS/RTS
45	NEW= <NEW VALUE>	Press:	[ENTER]
46	CR600 COM1 H. S. <NEW VALUE>	Press:	[#]
47	CR600 COM2 BAUD <VALUE>	Press:	[ENTER]
48	NEW=	Key:	[0] - 300 [2] - 1200 [3] - 2400 [4] - 4800 [5] - 9600 [6] - 19200 [7] - 38400
49	NEW= <NEW VALUE>	Press:	[ENTER]
50	CR600 COM2 BAUD <NEW VALUE>	Press:	[#]
51	CR600 COM2 FMT <VALUE>	Press:	[ENTER]
52	NEW=	Key:	[0] - A7E1 [1] - A7N1 [2] - A7O1 [3] - A8E1 [4] - A8N1 [5] - A8O1
53	NEW= <NEW VALUE>	Press:	[ENTER]
54	CR600 COM2 FMT <NEW VALUE>	Press:	[#]
55	CR600 COM2 H. S. <VALUE>	Press:	[ENTER]
56	NEW=	Key:	[0] - None [1] - CTS/RTS
57	NEW= <NEW VALUE>	Press:	[ENTER]
58	CR600 COM2 H. S. <NEW VALUE>	Press:	[#]
59	CR600 PASS THRU <VALUE>	Press:	[ENTER]
60	NEW=	Key:	[0] - Off [1] - On
61	NEW= <NEW VALUE>	Press:	[ENTER]

Step	Display	Action	Key(s)
62	CR600 PASS THRU <NEW VALUE>	Press:	[#]
63	CR600 OUTPUT FMT <VALUE>	Press:	[ENTER]
64	NEW=	Key:	[0] – Off [1] – On
65	NEW= <NEW VALUE>	Press:	[ENTER]
66	CR600 OUTPUT FMT <NEW VALUE>	Press:	[#]
67	CR600 APPL I D <VALUE>	Press:	[ENTER]
68	NEW=	Key:	New ID for the CR600'S firmware, up to 7 alphanumeric characters.
69	New= <NEW VALUE>	Press:	[ENTER]
70	CR600 APPL I D <NEW VALUE>	Press:	[#]
71	CR600 TERM I D <VALUE>	Press:	[ENTER]
72	NEW=	Key:	New ID for the CR600'S firmware, up to 10 alphanumeric characters.
73	New= <NEW VALUE>	Press:	[ENTER]
74	CR600 TERM I D <NEW VALUE>	Press:	[#]
75	CR600 ZONTALK PH <VALUE>	Press:	[ENTER]
76	CKRDR TYPR <VALUE>	Press:	[BACKSPACE]
77	SAVE CHANGES ? 1=CNCL 2=OK	Press:	[1] – To cancel all changes [2] – To save all changes
78	#1 / 1 =<VALUE>	Press:	[CLEAR] to return to set up menu. Press [CLEAR] again to return to the idle prompt.

Download

The download option in the Set Up menu accesses the download function and the check reader configuration. These two options are described in separate tables below.

Download the terminal

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]

Step	Display	Action	Key(s)
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	BATCH >	Press:	[#]
9	MERCH >	Press:	[#]
10	COMM >	Press:	[#]
11	3201 >	Press:	[#]
12	HOST >	Press:	[#]
13	CKRDR >	Press:	[#]
14	DNLD DOWNLOAD >	Press:	[ENTER] to download the terminal.
15	TERM DOWNLOAD FULL >	Press:	[ENTER] for a full download.
16	PARM DOWNLOAD >	Press:	[ENTER]
17	DI AL 18003629020		No action while dialing.
18	***-----		No action while downloading.
19	DOWNLOAD DONE	Press:	[CLEAR]
20	I DLE PROMPT		


Configure the Check Reader

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	BATCH >	Press:	[#]
9	MERCH >	Press:	[#]
10	COMM >	Press:	[#]
11	3201 >	Press:	[#]

Step	Display	Action	Key(s)
12	HOST >	Press:	[#]
13	CKRDR >	Press:	[ENTER] to configure check reader.
14	CHECK READER DOWNLOAD FULL >	Press:	[ENTER]
15	DI AL <VALUE>		No action while dialing.
16	***-----		No action while downloading.
17	DOWNLOAD DONE	Press:	[CLEAR]
18	I DLE PROMPT		

Edit Cards / AVS

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	BATCH >	Press:	[#]
9	MERCH >	Press:	[#]
10	COMM >	Press:	[#]
11	3201 >	Press:	[#]
12	HOST >	Press:	[#]
13	CKRDR >	Press:	[#]
14	DNLD >	Press:	[#]
15	EDI TCARDS >		[ENTER]
16	EDI T CARDS WAI T... #1/27 = <CARD TYPE>	Press:	[ENTER]
17	#1/27= <VALUE>	Press:	[ENTER] to edit the first card record or [#] to scroll to desired card record.
18	PAN LOW <VALUE>		Edit not allowed.
19	PAN HI GH <VALUE>		Edit not allowed.

 The Issuer ID is a number that should never be changed by anyone as it is necessary for the application. Example is that MC is a 4, Visa is a 2, AMEX is a 3 and so on.

Step	Display	Action	Key(s)
20	AVS <VALUE>	Press:	[ENTER]
21	NEW=	Key:	[0] – None [1] – Zip Code [2] – Address [3] – Both
22	NEW= <NEW VALUE>	Press:	[ENTER]
23	AVS <NEW VALUE>	Press:	[BACKSPACE]
24	CARD LABEL <VALUE>	Press:	Edit not allowed.
25	ABV LABEL <VALUE>	Press:	Edit not allowed.
26	TRACKS REQUIRED <VALUE>	Press:	Do not change.
27	ISSUER ID <VALUE>	Press:	Do not change.
28	TIP DISCOUNT <VALUE>	Press:	Do not change.
29	FPS TYPE <VALUE>	Press:	Edit not allowed.
30	CVV2 TYPE <VALUE>	Press:	[0] – None [1] – Card not present [2] – Either present or not
31	PRINT EXP DATE <VALUE>	Press:	[0] – All [1] – Merchant Copy [2] – Customer Copy [3] – None
32	FEE FIELD <VALUE>	Press:	Do not change
33	FEE TYPE <VALUE>	Press:	Do not change
34	MULTI CURRENCY <VALUE>	Press:	Edit not allowed.
35	CARD PRESENT <VALUE>	Press:	[ENTER]
36	NEW=	Key:	[0] – No [1] – Yes
37	NEW= <NEW VALUE>	Press:	[ENTER]
38	CARD PRESENT <NEW VALUE>	Press:	[BACKSPACE]
39	MERCH PAN FMT <VALUE>	Press:	[0] – No [1] – Yes
39	SAVE CHANGES ? 1=CNCL 2=OK	Press:	[1] – To cancel all changes [2] – To save all changes
40	#1/27= <VALUE>	Press:	[CLEAR] to return to set up menu. Press [CLEAR] again to return to the idle prompt.

Lock Keyboard

Step	Display	Action	Key(s)
1	I D L E P R O M P T	Press:	[ENTER]
2	F U N C T I O N S	Press:	[9]
3	P A S S W O R D =	Key:	[Z66831]
4	P A S S W O R D = * * * * * *	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]
8	BATCH >	Press:	[#]
9	MERCH >	Press:	[#]
10	COMM >	Press:	[#]
11	3201 >	Press:	[#]
12	HOST >	Press:	[#]
13	CKRDR >	Press:	[#]
14	DNLD >	Press:	[#]
15	EDI TCARDS >	Press:	[#]
16	SRVCCODE >	Press:	[#]
17	EDI TLOYAL >	Press:	[#]
18	LOCK KBD PASSWORD=	Key:	[Z66831]
19	P A S S W O R D = * * * * * *	Press:	[ENTER]
20	DEMO >	Press:	[CLEAR] to return to the idle prompt.

About Software Version

Step	Display	Action	Key(s)
1	I D L E P R O M P T	Press:	[ENTER]
2	F U N C T I O N S	Press:	[9]
3	P A S S W O R D =	Key:	[Z66831]
4	P A S S W O R D = * * * * * *	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	TERM >	Press:	[#]

Step	Display	Action	Key(s)
8	BATCH >	Press:	[#]
9	MERCH >	Press:	[#]
10	COMM >	Press:	[#]
11	3201 >	Press:	[#]
12	HOST >	Press:	[#]
13	CKRDR >	Press:	[#]
14	DNLD >	Press:	[#]
15	EDI TCARDS >	Press:	[#]
16	SRVCODE >	Press:	[#]
17	EDI TLOYAL >	Press:	[#]
18	LOCKKBD >	Press:	[#]
19	CLEARBATCH >	Press:	[#]
20	ABOUT >	Press:	[ENTER]
21	ABOUT VERI FONE SOFTPAY VERSI ON VSPR28C OF VSPRO28	Press:	[CLEAR] to return to set up menu. Press [CLEAR] again to return to the idle prompt.

Date / Time

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[9]
3	PASSWORD=	Key:	[Z66831]
4	PASSWORD= *****	Press:	[ENTER]
5	DEMO >	Press:	[#]
6	CHECK >	Press:	[#]
7	BATCH >	Press:	[#]
8	TERM >	Press:	[#]
9	COMM >	Press:	[#]
10	HOST >	Press:	[#]
11	MERCH >	Press:	[#]
12	CKRDR >	Press:	[#]
13	DNLD >	Press:	[#]
14	EDI TCARDS >	Press:	[#]

Step	Display	Action	Key(s)
15	LOCKKBD >	Press:	[#]
16	CLEARBATCH >	Press:	[#]
17	ABOUT >	Key	[#]
18	DATE/TI ME >	Press:	[ENTER]
19	DATE/TI ME DATE MM/DD/YYYY	Key:	Key in appropriate information.
20	<NEW VALUE>	Press:	[ENTER]
21	TI ME HHMMSS	Key:	Key in appropriate information.
22	<NEW VALUE>	Press:	[ENTER]
23	SET UP DEMO >	Press:	[CLEAR] to return to idle prompt.

Server Setup – Add Server

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[2]
3	SERVER REPORTS >	Press:	[#]
4	SETUP >	Press:	[ENTER]
5	PASSWORD=	Key:	[Z66831]
6	PASSWORD=*****	Press:	[ENTER]
7	CONFIGURE SERVER LOGON >	Press:	[#]
8	LOGOFF >	Press:	[#]
9	ADD >	Press:	[ENTER]
10	ADD SERVR SERVER I D=	Key:	Server ID, up to 4 alphanumeric characters.
11	SERVER I D= <NEW VALUE>	Press:	[ENTER]
12	PASSWORD= <NEW VALUE>	Key:	Password to be associated with server, up to 6 alphanumeric characters.
13	PASSWORD=*****	Press:	[ENTER]
14	REENTER= (NEW VALUE>	Key:	Password to be associated with server for verification.
15	REENTER=*****	Press:	[ENTER]

Step	Display	Action	Key(s)
16	SERVER ADDED SERVER I D=	Key:	Next server ID to be added or press [CLEAR] to return to the idle prompt.

Server Setup – Logon Server

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[2]
3	SERVER REPORTS >	Press:	[#]
4	SETUP >	Press:	[ENTER]
5	PASSWORD=	Key:	[Z66831]
6	PASSWORD=*****	Press:	[ENTER]
7	CONFI GURE SERVER LOGON >	Press:	[ENTER]
8	LOGON SERVER I D=	Key:	The server to be logged on.
9	SERVER I D= <NEW VALUE>	Press:	[ENTER]
10	PASSWORD=	Key:	The password associated with the server to be logged on.
11	PASSWORD= <NEW VALUE>	Press:	[ENTER]
12	LOGI N SUCCESSFUL I DLE PROMPT		

Server Setup – Logoff Server

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER]
2	FUNCTI ONS	Press:	[2]
3	SERVER REPORTS >	Press:	[#]
4	SETUP >	Press:	[ENTER]
5	PASSWORD=	Key:	[Z66831]
6	PASSWORD=*****	Press:	[ENTER]
7	CONFI GURE SERVER LOGON >	Press:	[#]
8	LOGOFF >	Press	[ENTER]
9	LOGOFF SERVER I D=	Key:	The server to be logged off.
10	SERVER I D= <NEW VALUE>	Press:	[ENTER]

Step	Display	Action	Key(s)
11	CONFIRM 1=NO 2=YES	Press:	[1] – To return to clerk ID [2] – To confirm
12	LOGOFF SUCCESSFUL IDLE PROMPT		

Server Setup – Modify Server

Step	Display	Action	Key(s)
1	IDLE PROMPT	Press:	[ENTER]
2	FUNCTIONS	Press:	[2]
3	SERVER REPORTS >	Press:	[#]
4	SETUP >	Press:	[ENTER]
5	PASSWORD=	Key:	[Z66831]
6	PASSWORD=*****	Press:	[ENTER]
7	CONFIGURE SERVER LOGON >	Press:	[#]
8	LOGOFF >	Press:	[#]
9	ADD >	Press:	[#]
10	MOD >	Press:	[ENTER]
11	MOD SERV SERVER ID=	Key:	The appropriate clerk ID.
12	OLD PASS=	Key:	The old password of the server to be modified.
13	OLD PASS=*****	Press:	[ENTER]
14	NEW PASS=	Key:	The new password of the server to be modified.
15	NEW PASS=*****	Press:	[ENTER]
16	REENTER=	Key:	The new password of the server to be modified again for verification.
17	REENTER=*****	Press:	[ENTER]
18	SERVER MODIFIED SERVER ID=	Key:	The next server to be modified or press [CLEAR] to return to the idle prompt.

Server Setup – Delete Server

Step	Display	Action	Key(s)
1	I D L E P R O M P T	Press:	[ENTER]
2	F U N C T I O N S	Press:	[2]
3	S E R V E R R E P O R T S >	Press:	[#]
4	S E T U P >	Press:	[ENTER]
5	P A S S W O R D =	Key:	[Z66831]
6	P A S S W O R D = * * * * * *	Press:	[ENTER]
7	C O N F I G U R E S E R V E R L O G O N >	Press:	[#]
8	L O G O F F >	Press:	[#]
9	A D D >	Press:	[#]
10	M O D >	Press:	[#]
11	D E L >	Press:	[ENTER]
12	D E L S E R V R S E R V E R I D =	Key:	The server ID to be deleted.
13	P A S S W O R D =	Key:	The password of the server to be deleted.
14	P A S S W O R D = * * * * * *	Press:	[ENTER]
15	S E R V E R D E L E T E D S E R V E R I D =	Key:	The next server to be deleted or press [CLEAR] to return to the idle prompt.

Server Setup – Clear All Servers

Step	Display	Action	Key(s)
1	I D L E P R O M P T	Press:	[ENTER]
2	F U N C T I O N S	Press:	[2]
3	S E R V E R R E P O R T S >	Press:	[#]
4	S E T U P >	Press:	[ENTER]
5	P A S S W O R D =	Key:	[Z66831]
6	P A S S W O R D = * * * * * *	Press:	[ENTER]
7	C O N F I G U R E S E R V E R L O G O N >	Press:	[#]
8	L O G O F F >	Press:	[#]
9	A D D >	Press:	[#]
10	M O D >	Press:	[#]

11	DEL >	Press:	[#]
12	CLEARALL >	Press:	[ENTER]
13	SERV CLEAR SRVR TLS DELETED I DLE PROMPT	Key:	

System Mode

All OMNI terminals have two modes: Normal and System. The normal operating mode runs the application program. This is the mode that is activated when the terminal is powered-up unless there is no application loaded. In the case that there is no application, System Mode is automatically activated.

You must be in Normal Mode to perform transactions. System Mode allows you to perform downloads, system maintenance, and system diagnostics. You can enter System Mode at any time, even during the middle of a transaction; however, doing so interrupts the application and terminates the transaction.

To enter System Mode, follow these steps:

Access System Mode

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER] and [7] simultaneously.
2	System Password?	Press:	[Z66831]
3	PASSWORD=*****	Press:	[ENTER]
4	SYSTEM = V.....	Press:	

Operating System Information

Step	Display	Action	Key(s)
1	I DLE PROMPT	Press:	[ENTER] and [7] simultaneously.
2	System Password?	Press:	[Z66831]
3	PASSWORD=*****	Press:	[ENTER]
4	SYSTEM = V.....	Press:	[1]

5	01/11/99 DM 5003	Press:	Displays operating system information, EPROM, creation date, the originator, and the interpreter version number.
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Display Terminal's RAM Size

Step	Display	Action	Key(s)
1	I D L E P R O M P T	Press:	[ENTER] and [7] simultaneously.
2	System Password?	Press:	[Z66831]
3	PASSWORD=*****	Press:	[ENTER]
4	SYSTEM = VPQ47US1	Press:	[2]
5	UNI T I D 12000000	Press:	[2]
6	512 KB RAM	Press:	Displays the terminal's RAM size.

System Diagnostics

When the terminal displays SYSTEM DIAG, you can do the following:

- Swipe card through the card reader (0's display a good read, 1's display a bad read)

NOTE: The card reader test does not display the card number. Instead, it displays the following values: T1=(X) T2=-(X) T3=(X). If data is read successfully from the card, a one-digit code is displayed for each of the three standard data tracks.

0 = Data was read successfully

1 = No data was read

2 = No STX (Start of Text)

3 = No ETX (End of Text)

4 = Bad BCC (Block Control Character)

5 = Parity error

If the card is not read at all (e.g., the magnetic stripe was in the wrong position when the card was swiped), the "T1= ... T2= ... T3= ..." message does not appear and the SYSTEM DIAG prompt continues to display.

- Scan a bar code (0's display on a good read, 1's display on a bad read).
- Press keys on the keypad (the number pressed displays).

Step	Display	Action	Key(s)
1	I D L E P R O M P T	Press:	[ENTER] and [7] simultaneously.

2	System Password?	Press:	[Z66831]
3	PASSWORD=*****	Press:	[ENTER]
4	SYSTEM = V.....	Press:	[4]
5	SYSTEM DI AG	Press:	Perform one of the following: - Swipe a card - Scan a bar code - Press keys on the key pad