


Download Procedures and Terminal Set up 4

Terminal Download Instructions

There are several steps required to download an application to the Eclipse terminal. **Note: The merchant should close out all active batches before performing a full download on the terminal.**

1. Download the core application. This is a full download of the shell or generic programming into the terminal via TeleCheck. This loads the base files and check application parameters. This will take approximately 10 minutes.
2. Download the credit parameters. This is considered a “partial” download and should take no more than 90 seconds.

Full Download Procedure (TeleCheck application)

 If the terminal does not have its own phone line, instruct the merchant to hang up before pressing [ENTER].

Step	Display	Action	Key(s)
1	Check...Credit...Other	Press:	OTHER
2	Debit... Ebt... Phone Back System.	Press:	SYSTEM
3	Load.... Vers....Diag Back ... Date/Time Apps	Press:	Load
4	SELECT HOST CREDIT.....CHECK	Press:	Check
5	DOWNLOAD TYPE MODEM.....SERIAL	Press:	Modem
6	DOWNLOAD TYPE FULL.....PARTIAL	Press:	Full
7	DOWNLOAD NUMBER		18006979021 then press Enter
8	TCK MERCH ID		Enter TeleCheck ID then Enter

Full Download Procedure (TeleCheck application)

Step	Display	Action	Key(s)
9	CHK APP NAME NGCN	Enter: NGPT then press Enter. The terminal will proceed to dial out for a full download.	
10	*****	Download has begun	
11	DOWNLOAD COMPLETE	The terminal download is finished. The terminal will reset and startup with the new application.	

Partial Download Procedure (Card Parameters)

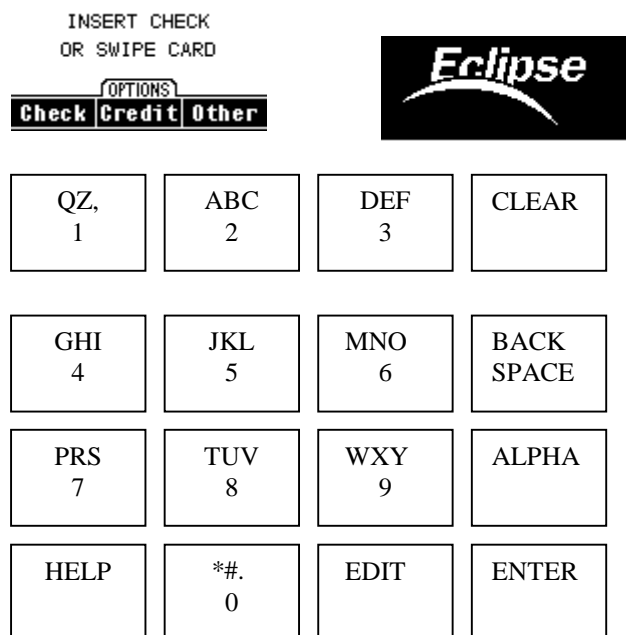
☰ If a pause is required in the telephone number, use a comma, not a dash. Always stage the download file in TMS by clicking on the "Full" button.

Step	Display	Action	Key(s)
1	Check...Credit...Other	Press:	OTHER
2	Debit... Ebt... Gift Card Back System.	Press:	SYSTEM
3	Load.... Vers....Diag Back ... Date/Time Apps	Press:	Load
4	SELECT HOST Credit.....Check	Press:	CREDIT
5	DOWNLOAD TYPE Modem.....Serial	Press:	Modem
6	DOWNLOAD PHONE #		Key in 18003629020 then press Enter.
7	CREDIT MERCH ID		Key in DOWNLOAD FILE NAME, then press Enter.
8	CREDIT ..APP ...NAME NGPT	Press:	Enter The terminal will proceed to dial out for a partial download.


Step	Display	Action	Key(s)
9	*****	Download has begun. Upon completion of the download, the terminal resets and will search for a PIN pad. If a PIN pad is not attached to the terminal, the terminal will beep and display the message "PIN PAD NOT RESPONDING". Press CLEAR to return to the idle prompt.	

Key Pad Layout

The terminal will toggle approximately every 3 - 4 seconds between these two screens while idle:



Key/Button Functions

 To edit or void a transaction, press the Edit button on the keypad.

Key / Screen Button	Purpose
Numeric Keys (0-9)	Enters numeric values
Clear	Erases entries in current display Or Goes back to prior menu
Back Space	Erases last character entered
Alpha	Numeric to Alpha conversion
Enter	Accepts field entry
Edit	Edits or voids a transaction, or edits a tip amount
Help	Displays TeleCheck help desk phone number
More >	Scrolls forward in the menu
< Back	Scrolls backwards in the menu

Set Up Menu Grid

This function is used to manually edit the card application's parameters, card types, phone numbers, etc.

Step	Display	Action
1	INSERT CHECK OR SWIPE CARD OPTIONS CHECK CREDIT OTHER	Press CREDIT
2	CREDIT SALE REFUND FORCE BACK MORE	Press MORE
3	CREDIT AUTH TABS CLOSE BACK MORE	Press MORE
4	CREDIT VIEW PRINT REPRINT REPORT REPORT BACK MORE	Press MORE
5	CREDIT VIEW DELETE VIEW PACKET BATCH PARS BACK CANCEL CLOSE	Press VIEW PARS
6	ENTER PASSWORD *****	Enter Password 766130 press ENTER
7	PARAMETER SETUP GENERAL PARS ← →	Press the Left or Right Arrow Key on the touch screen to select other areas of setup

Set Up Menu Functions

The following table contains parameters and parameter descriptions for the Eclipse terminal. The defaulted values are bold.

General Parameters

Description	Default	Comments
Client ID		4 Characters
Merchant ID		PNS number- 12 characters
Terminal ID		3 characters
Amex Terminal ID		12 characters
Amex Split Dial	No	Yes No
Amex Location	4	This field must contain the group number (first field in card range table) for Amex Card Ranges in the Card Range Table.
Application Name	NGPT	Eclipse Application Name
Industry Type		Retail Restaurant
Quick Close Flag	Yes	Yes No If enabled, the terminal will not prompt the merchant for the total settlement amount during a manual close.
Auto Close Time		HHMMX where X = A(M) or P(M). If this field is empty, Autoclose is disabled.
Void Password	No	Yes No
Refund Password	No	Yes No
Fraud Control	1	0 = None 1 = Enter last 4 digits 2 = Display account number 3 = Both- Enter last 4 digits and display account number

Description	Default	Comments
Truncate Card #	Yes	Yes No
Card Present	1P 1 = No 0 = Yes P = Present N = Not Present	If the first character is a "1," the terminal will not prompt for CARD PRESENT on manually keyed transactions. If the second character is a "P," the terminal follows the card present prompting. If the second character is an "N," the terminal follows the card not present prompting. If the first character is a "0," the terminal will prompt for CARD PRESENT on manually keyed transactions; the second character is unimportant.
Prompt for Tip		Yes- Restaurant industry No- Retail industry If enabled, will allow tip processing. Also enables the tip line to print on receipt.
Bypass Tip	Yes	Yes No Used in conjunction with Prompt for Tip. If enabled, this allows the tip to be entered via the Edit key after the original authorization takes place. If disabled, will prompt for tip during the sale. (Press Enter to bypass).
Prompt Server ID	Yes	Yes No Prompts for server number during transaction. Can press Enter to bypass prompt.
Prompt Recurring	No	Yes No If enabled, will prompt for Recurring Payment Type on manually entered recurring transactions. If disabled, assume it is not a recurring payment.
AVS Override Note: This feature allows you to override the AVS Flag in the card range table for all card types.	No	Yes No This field can be used to globally enable AVS for all card types without having to edit the card ranges.
Prompt For Tax	Yes	Yes

Description	Default	Comments
		No For purchase card transactions.
Tax Exempt	No	Yes No For purchase card transactions.
Prompt Invoice#	No	Yes No
Prompt for Shipping ZIP Code	No	Yes No For purchase card transactions.
Allow Cash Out	No	This feature is currently not supported.
Batch Almost Full Value	250	3 characters (300 max value) When the number of transactions stored in the batch reaches this value, the terminal will display a message on each transaction indicating the batch is almost full.
Batch Full Value	300	3 characters (300 max value) When the number of transactions stored in the batch reaches this value, the terminal will not allow any more transactions.
Trans Number	001	Terminal resets to this transaction number after settlement.
Batch Number		Batch number in the terminal.

Phone Parameters

Description	Default	Comments
Primary Host Phone Number	A9505405	16 characters maximum. Leading "A" forces 2400 baud.
Secondary Host Phone Number	A18775295688	16 characters maximum. Leading "A" forces 2400 baud.
Amex Primary Number	A18002281082	16 characters maximum. Leading "A" forces 2400 baud.
Amex Secondary Number	A18004441122	16 characters maximum. Leading "A" forces 2400 baud.
Phone Access Code		6 characters maximum. If a pause is needed, use a comma, not a dash.
Download Phone Number	18003629020	16 characters maximum
Dial Type	Tone	Tone Pulse
Host ENQ Wait	30	The time, in seconds, the terminal will wait for an ENQ from the host after the connection has been established.
Host Resp Wait	30	The time, in seconds, the terminal will wait for a Host Response.
Host Answer Wait	30	The time, in seconds, the terminal will wait for the host to answer the call.
Host EOT Wait	5	The time, in seconds the terminal will wait for the host to transmit an EOT.

Debit/EBT Parameters

Description	Default	Comments
PIN Pad Type	P1000	P1000 P2000 If a P2000 is connected, the terminal will allow the user to swipe their card on the PIN Pad.
EBT Cashback	No	Yes No
Debit Cashback	No	Yes No
Minimum cash back amount	0.00	
Maximum cash back amount	50.00	
Verify amount	No	Yes No
Debit Refund	No	Yes No

Card Range Table File

These fields contain the credit card ranges allowed for processing.

Description	Default	Comments
Range 1	1.405501.405504.13.VI1111	Visa Purchase Card. AVS on, CVV2 on.
Range 2	1.405550.405554.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 3	1.415928.415928.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 4	1.424604.424605.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 5	1.427533.427533.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 6	1.4288.4288.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 7	1.443085.443085.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 8	1.4715.4716.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 9	1.448400.448699.13.VI1111	Visa Purchase Card. AVS on, CVV2 on
Range 10	1.4000.4999.13.VI4111	Visa Global Range. Should always come after Purchase Card Ranges.
Range 11	2.5405.5405.16.MC1101	MasterCard Purchase. AVS on, CVV2 off.
Range 12	2.5550.5569.16.MC1101	MasterCard Standard Range. AVS on, CVV2 off.
Range 13	2.547206.548018.16.MC2101	MasterCard Business. AVS on, CVV2 off.
Range 14	2.5580.5589.16.MC2101	MasterCard Standard Range. AVS on, CVV2 off.
Range 15	2.5525.5535.16.MC3101	MasterCard Corporate AVS on, CVV2 off.
Range 16	2.5100.5599.16.MC0101	MasterCard Global. AVS on, CVV2 off. Always after commercial ranges.
Range 17	3.6011.6011.16.DS0000	Discover. AVS off, CVV2 off.

Card Range Table File (Continued)

Description	Default	Comments
Range 18	4.3400.3499.15.AX0000	Amex. AVS off, CVV2 off.
Range 19	4.3700.3799.15.AX0000	Amex. AVS off, CVV2 off.
Range 20	5.3000.3059.14.DC0000	Diner's AVS off, CVV2 off.
Range 21	5.3600.3699.14.DC0000	Diner's AVS off, CVV2 off.
Range 22	5.3800.3899.14.DC0000	Diner's AVS off, CVV2 off.
Range 23	6.3083.3329.16.JC0000	JCB. AVS off, CVV2 off.
Range 24	6.3528.3589.16.JC0000	JCB. AVS off, CVV2 off.
Range 25	7.3930.3949.14.CB0000	Carte Blanche. AVS off, CVV2 off
Range 26	8.0000.0000.00.DB0000	Debit. Only present if debit enabled.
Range 27	9. 0000.0000.00.EB0000	EBT (Electronic Benefits Transfer) AVS off, CVV2 off
Range 28	:.0000.0000.00.SV0000	Stored Value (Gift Card) AVS off, CVV2 off
Range 29		Reserved for future use.
Range 30		Reserved for future use.
Card Labels	VISA.MSTR.NOVUS.AMEX.DINE R.JCB.CARTE.DEBIT.EBT.GIFT	Labels must match card type groups and be in same order. Visa = 1 MasterCard = 2 Novus = 3 Amex = 4 Diner = 5 JCB = 6 Carte = 7 Debit = 8 EBT= 9 Gift Card= :

Card Range Field Description

The following table explains the fields in the card ranges.

Position	Position Name	Description
1	Card Type	Describes which accumulator set will be used for this particular card range. (1...9)
2	Separator	'.'
3-8	Low range	Low range to check.
9	Separator	'.'
10-15	High Range	High range to check.
16	Separator	'.'
17, 18	Card Length	Minimum card length for the range.
19	Separator	'.'
20, 21	Label	2 character label used on reports.
22	Range Type	0 = normal card; 1 = purchase; 2 = business; 3 = corporate; 4 = unknown. If unknown, terminal may prompt for tax after host response.
23	Prompt for AVS	1 = prompt for AVS on manual trans. 0 = AVS off.
24	Prompt for CVV2	1 = prompt for CVV2 on manual trans. 0 = CVV2 off.
25	Card Range Enable	1 = card is allowed. 0 = card is not allowed

Example: 1.405501.405504.13.VI1111

1 = Card Group 1
.
405501 = Low range
.
405504 = High Range
.
13 = Minimum card length
.
VI = Card label
1 = Purchase Card
1 = Prompt for AVS on manual trans.
1 = Prompt for CVV2 on manual trans
1 = Allow this card type

Printer Parameters

Description	Default	Comments
Print Receipts	Yes	Yes No If enabled, the terminal will print receipts.
Print Force Receipts	Yes	Yes No If enabled, the terminal will print receipts for force transactions if "Print Receipts" is also enabled.
Print Net Totals After Close	Yes	Yes No If enabled, the terminal will print the net totals on the settlement report if the close is successful.
Print Card Type Totals	Yes	Yes No If enabled, the terminal will print the card type totals on the settlement report if the close is successful.
Print Transaction Detail Report After Close	Yes	Yes No If enabled, the terminal will print the transaction detail on the settlement report if the close is successful.
Print Server Totals	Yes	Yes No If enabled, the terminal will print a server report by total if the close is successful.
Merchant Header Line 1	Bank #	33 Characters Maximum
Merchant Header Line 2	DBA Name	33 Characters Maximum
Merchant Header Line 3	Address	33 Characters Maximum
Merchant Header Line 4	City, State, ZIP Code	33 Characters Maximum
Merchant Trailer 1	I agree to pay the above amount	33 Characters Maximum

Printer Parameters (Continued)

Description	Default	Comments
Merchant Trailer 2	According to the card issuer	33 Characters Maximum
Merchant Trailer 3	agreement.	33 Characters Maximum
Merchant Trailer 4		33 Characters Maximum
Gift Card Label	Gift Card	Prints on bottom of receipt for Gift Card transactions.

Clearing the Batch

This function is used to clear the active transactions from within the terminal. Clearing the active transactions is also known as “deleting the batch”.

Step	Display	Action
1	INSERT CHECK OR SWIPE CARD OPTIONS CHECK CREDIT OTHER	Press CREDIT
2	CREDIT SALE REFUND FORCE BACK MORE	Press MORE
3	CREDIT AUTH TABS CLOSE BACK MORE	Press MORE
4	CREDIT VIEW PRINT REPRINT REPORT REPORT BACK MORE	Press MORE
5	CREDIT VIEW DELETE VIEW PACKET BATCH PARMS BACK CANCEL CLOSE	Press DELETE BATCH
6	ENTER PASSWORD *****	Enter Password MM/DD/YYYY press ENTER
7	DELETE BATCH Yes No	Press Yes to delete the current batch in the terminal.
8	Batch Deleted.... VIEW DELETE VIEW PACKET BATCH PARMS BACK CANCEL CLOSE	Continue pressing the Clear button to return to the idle prompt.

Incrementing the Batch

After clearing a batch in the Eclipse terminal it is also necessary to increment the batch number.

Step	Display	Action
1	INSERT CHECK OR SWIPE CARD OPTION CHECK CREDIT OTHER	Press CREDIT
2	CREDIT SALE REFUND FORCE BACK MORE	Press MORE
3	CREDIT AUTH TABS CLOSE BACK MORE	Press MORE
4	CREDIT VIEW PRINT REPRINT REPORT REPORT BACK MORE	Press MORE
5	CREDIT VIEW DELETE VIEW PACKET BATCH PARMS BACK CANCEL CLOSE	Press VIEW PARMS
6	ENTER PASSWORD *****	Enter Password 766130 press ENTER
7	PARAMETER SETUP GENERAL PARAMS ← →	Press GENERAL PARAMS
8	CLIENT ID xxxx ← →	Press the left arrow ← one time to scroll back to Batch #.
9	BATCH NUMBER xxx ← →	Enter the new batch number by typing the value, then press Enter (value should move to the center of the screen).
10	BATCH NUMBER xxx ← →	Continue pressing the Clear button to return to the idle prompt.

Cancel Close Procedures

The following steps are used to close/unlock the empty batch in the terminal. The error message "CREDIT AUTO CLOSE FAILED BATCH LOCKED" is displayed due to either the terminal's failure to auto settle, or a communication problem when the terminal was receiving the deposit acknowledgment.

Step	Display	Action
1	INSERT CHECK OR SWIPE CARD OPTION CHECK CREDIT OTHER	Press CREDIT
2	CREDIT SALE REFUND FORCE BACK MORE	Press MORE
3	CREDIT AUTH TABS CLOSE BACK MORE	Press MORE
4	CREDIT VIEW PRINT REPRINT REPORT REPORT BACK MORE	Press MORE
5	CREDIT VIEW DELETE VIEW PACKET BATCH PARS BACK CANCEL CLOSE	Press CANCEL CLOSE
6	CREDIT CLOSE CANCELED	Continue pressing the Clear button to return to the idle prompt.