Full Download to a Terminal with no Existing Applications

When you turn on a terminal with no application loaded, it displays DOWNLOAD NEEDED, and a full download is required. Table 1 instructs you how to perform a full download.

Table 1   Perform a Full Download

1	Press F2+F4 to enter system mode *before* the application starts.
2	Enter the system mode password (manufacturer's default is 1 [ALPHA] [ALPHA] 66831[1]) and press the enter (⬅) key.
3	Press the ↓ key twice to access the SYS MODE MENU 3 screen.
4	Press EDIT F3 to edit the CONFIG.SYS file
5	Press the backspace (⬅) key and enter the target GID for the download *or* press the enter (⬅) key to select FILE GROUP _1, the default, GID1.
6	Reenter the system mode password (Z66831) if prompted, as shown in step 2. The terminal displays the CONFIG.SYS file.
7	Press the enter (⬅) key to edit the CONFIG.SYS file. The terminal displays KEY.

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[1] Z66831; 1 [ALPHA] [ALPHA] = the character, Z.

8	Enter the first parameter name (key) to add. The following parameters (keys) are required for a full download: • ***ZP** is the phone number of the remote PC • ***ZA** is the name of application to download • ***ZT** is the terminal number to download • ***ZR** is the baud rate (6 equals 14.4 bps) • ***ZRESP** is the external modem connect response (16 equals 14.4 bps) • ***ZINIT** is the external modem initialization string (optional) The terminal displays VALUE.
9	Enter the value for the selected parameter.
10	Press the ↓ key to move to the next parameter.
11	Repeat steps 8–10 for each of the above parameters.
12	Press cancel (X) key twice to return to the system mode menus.
13	Press the ↑ key to access the SYS MODE MENU 2 screen.
14	Press DOWNLOAD F2 to initiate the download.
15	Press the backspace (⬅) key and enter the target GID for the download *or* press the enter (↵) key to select FILE GROUP _1– the default, GID1.
16	Reenter the system mode password (Z66831) if prompted, as shown in step 2.
17	Press FULL F3 to start a full download.

18	Press MODEM F2 to begin the remote download.
	The terminal displays DOWNLOADING NOW and status indicator asterisks. Each asterisk represents a 10% increment of the download.
	When the download is complete, the terminal begins to validate all files loaded, load parameters, and returns to the idle prompt.

Full Download to a Terminal with Existing Applications

Table 2 provides the procedure on how to perform a full download when applications already exist in the terminal. To ensure the target group has been cleared of any existing applications, the procedures below will clear memory in the target group before performing the download.

Table 2   Perform a Full Download with Existing Applications in the Terminal

1	Power cycle the terminal.
2	Press F2+F4 to enter system mode *before* the application starts.
3	Enter system mode password (manufacturer's default is 1 [ALPHA] [ALPHA] 66831) and press the enter (⬅) key.
4	Press the ↓ key to access the SYS MODE MENU 2 screen.
5	Press RAM FILES F3 to clear RAM.
6	Press the backspace (⬅) key and enter the group ID to clear, then press CLEAR GROUP _1 F2 *or* press CLEAR ALL FILES F3 to clear all files in all groups.
7	Enter the group password for the specific group selected above. The default password for all groups is 1 [ALPHA] [ALPHA] 66831.
8	Press CONFIRM F4 to confirm the operation. When RAM has cleared, the terminal returns to the SYS MODE MENU 2 screen.
9	Press FLASH FILES F4 to clear flash memory.
10	Press the backspace (⬅) key and enter the group ID to clear, then press CLEAR GROUP _1 F2 *or* press CLEAR ALL FILES F3 to clear all files in all groups.
11	Press CONFIRM F4 to confirm the operation. When flash has cleared, the terminal returns to the SYS MODE MENU 2 screen (this takes a few seconds).
12	Press FLASH FILES F4 to go back to the Flash memory menu.

13	Press DEFRAG F4 to reclaim all available memory before downloading any new applications.
14	Enter the group 1 password (Z66831), as shown above.
15	Press CONFIRM F4 to confirm the operation. Once the defrag operation is complete, the terminal will reboot itself.
16	Press F2+F4 to enter system mode, and enter the system mode password as described above.
17	Press the ↓ key twice to access the SYS MODE MENU 3 screen.
18	Press EDIT F3 to edit the CONFIG.SYS file.
19	Press backspace (⬅) key and enter the group ID to edit.
20	Press the enter (⬅) key to edit the CONFIG.SYS file of the group.
21	Reenter the system mode password (Z66831) if prompted, as shown in step 3. The terminal displays the CONFIG.SYS file.
22	Press the enter (⬅) key to edit this CONFIG.SYS file. The first parameter displays.
23	Press the enter (⬅) key to display the parameter (key) and value. You must clear each parameter, except the following: • ***ZP** is the phone number of the remote PC • ***ZA** is the name of application to download • ***ZT** is the terminal number to download • ***ZR** is the baud rate (6 equals 14.4 bps) • ***ZRESP** is the external modem connect response (16 equals 14.4 bps) • ***ZINIT** is the external modem initialization string (optional)
24	Press F3 to edit the selected CONFIG.SYS parameter.
25	Press the backspace (⬅) key to clear the current value. If the parameter is one of the above, enter the correct value.

	If the parameter is not one of the above, press the enter (⬅) key.
26	Press the enter (⬅) key when the next value displays.
27	Press the ↓ key to access the next parameter.
28	Repeat steps 20–25 to clear all parameters, except those listed above.
29	Press the cancel (X) key twice to return to the system mode menus.
30	Press the ↑ key to access the SYS MODE MENU 2 screen.
31	Press DOWNLOAD F2 to begin a download.
32	Press the backspace (⬅) key and enter the target GID for the download *or* press the enter (⬅) key to select FILE GROUP _1, the default, GID1.
33	Reenter the specific group password (Z66831) if prompted, as shown in step 3.
34	Press FULL F3 to initiate a full download.
35	Press MODEM F2 to select a modem download.
	The terminal displays DOWNLOADING NOW and status indicator asterisks. Each asterisk represents a 10% increment of the download. When the download is complete, the terminal begins to validate all files loaded, load parameters, and returns to the idle prompt.

Partial Download to a Terminal with Existing Applications

Two methods for partial telephone downloads are described in this section:

- A download from terminal system mode. The procedure is provided in Table 3.

Table 3   Partial Download from System Mode

1	Power cycle the terminal.
2	Press F2+F4 to enter system mode *before* the application starts.
3	Enter system mode password (factory default is 1 [ALPHA] [ALPHA] 66831) and press the enter (⏎) key.
4	Press the ↓ key twice to access the SYS MODE MENU 3 screen.
5	Press F3 to edit the CONFIG.SYS file and verify the CONFIG.SYS parameters.
6	Press the backspace (⬅) key and enter the group ID to edit.
7	Press the enter (⏎) key to edit the CONFIG.SYS file for the group.
8	Enter the group specific password (Z66831) if prompted, as shown in step 3.
9	Press the enter (⏎) key to edit the CONFIG.SYS file. The first parameter displays.

10	Press the enter (⏎) key and verify the value of the following parameters: • ***ZP** is the phone number of the remote PC • ***ZA** is the name of application to download • ***ZT** is the terminal number to download • ***ZR** is the baud rate (6 equals 14.4 bps) • ***ZRESP** is the external modem connect response (16 equals 14.4 bps) • ***ZINIT** is the external modem initialization string (optional) The terminal displays the parameter (key) and value. If the value is incorrect, press F3 to edit and enter the new value.
11	Press the ↓ key to access the next parameter.
12	Repeat steps 9–11 and confirm all of the above parameters.
13	Press the cancel (X) key twice to return to the system mode menus.
14	Press the ↑ key to access the SYS MODE MENU 2 screen.
15	Press DOWNLOAD F2 to initiate the download.
16	Press the backspace (⬅) key and enter the target GID for the download *or* press the enter (⏎) key to select FILE GROUP _1, the default, GID1.
17	Reenter the group specific password (Z66831) if prompted, as shown in step 3.
18	Press PARTIAL F4 to select a partial download.
19	Press MODEM F2 to select a modem download.
	The terminal displays DOWNLOADING NOW and status indicator asterisks. Each asterisk represents a 10% increment of the download. When the download is complete, the terminal begins to validate all files loaded, load parameters, and returns to the idle prompt.