Game King/Vision Series Peripheral Device Download Procedure

The Game King and Vision Series machines incorporate a system to load software into the bill acceptor and other peripheral components. Instead of EPROMs loaded with software, the new system requires a personal computer and interface unit to directly load programs into flash memory. The same procedures work for both DBV and WBA series bill acceptors.

Equipment Needed

Direct Interface

- Net 2232 NETPLEX interface unit, p / n 916-585-00
- 386 or faster PC with serial interface card (a portable or lap top unit is recommended)
- RS-232 interface cable (full pass-through, 9-pin male to appropriate connector for PC)
- NETPLEX adapter harness, p / n 607-375-00 (proprietary IGT harness to connect between the adapter and the validator head)
- NET_HOST program (proprietary IGT download program)
- Peripheral software

Processor Fiber-Optic Interface

- RS-232 to fiber-optic convertor
- 386 or faster PC with serial interface card (a portable or lap top unit is recommended)
- RS-232 interface cable (full pass-through, 25-pin female to appropriate connector for PC)
- Fiber-optic cable, 2-conductor p / n 619-332-00
- NET_HOST program (proprietary IGT download program)
- Peripheral software

Loading NET_HOST Program onto PC

1. Insert the program disk into the appropriate drive (A: or B:).
2. Make a directory on the PC's C: drive for the NET_HOST program (**MD** *directory name*).
3. Copy files on floppy disk to the directory made on the C: drive (**copy A:*.* C:***directory name).*

Hardware Setup

Direct Interface

1. Connect the RS-232 cable between the PC's Com port and connector P1 on the NETPLEX adapter.

Note: *The system default serial port is Com 1. If the PC is configured differently, a message appears indicating no communication is occurring. Use the Change Comm option to select the correct serial port.*

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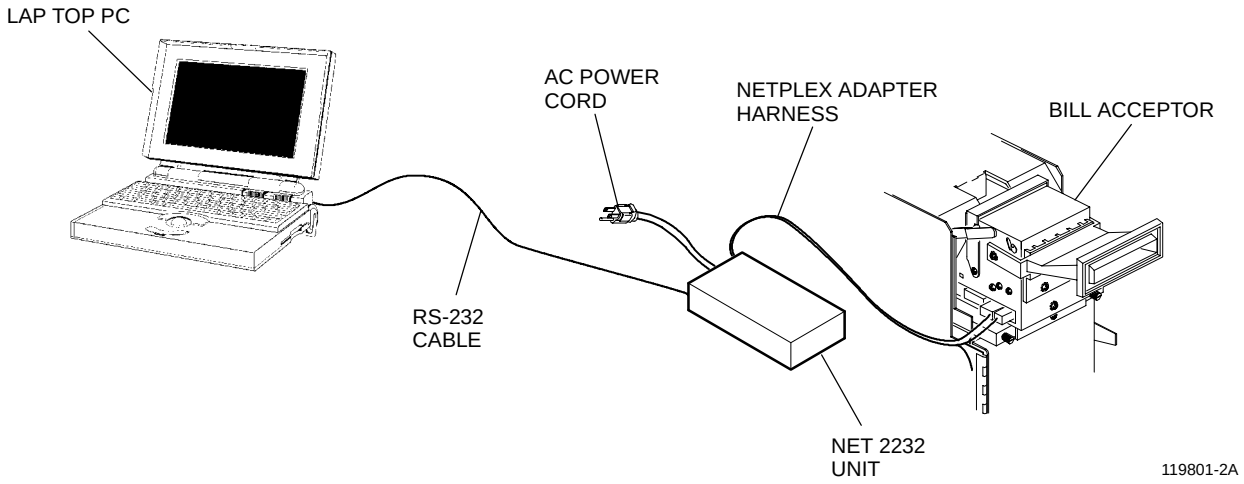
2. Connect the NETPLEX adapter harness between connector J2 on the NETPLEX adapter and the 5-pin and 2-pin receptacles on the bill validator head (the 3-pin connector on the harness is not used in this application). The DBV validator is shown; WBA validators are similar.
3. Connect the AC power cord from the NETPLEX adapter to AC power and turn the power on.

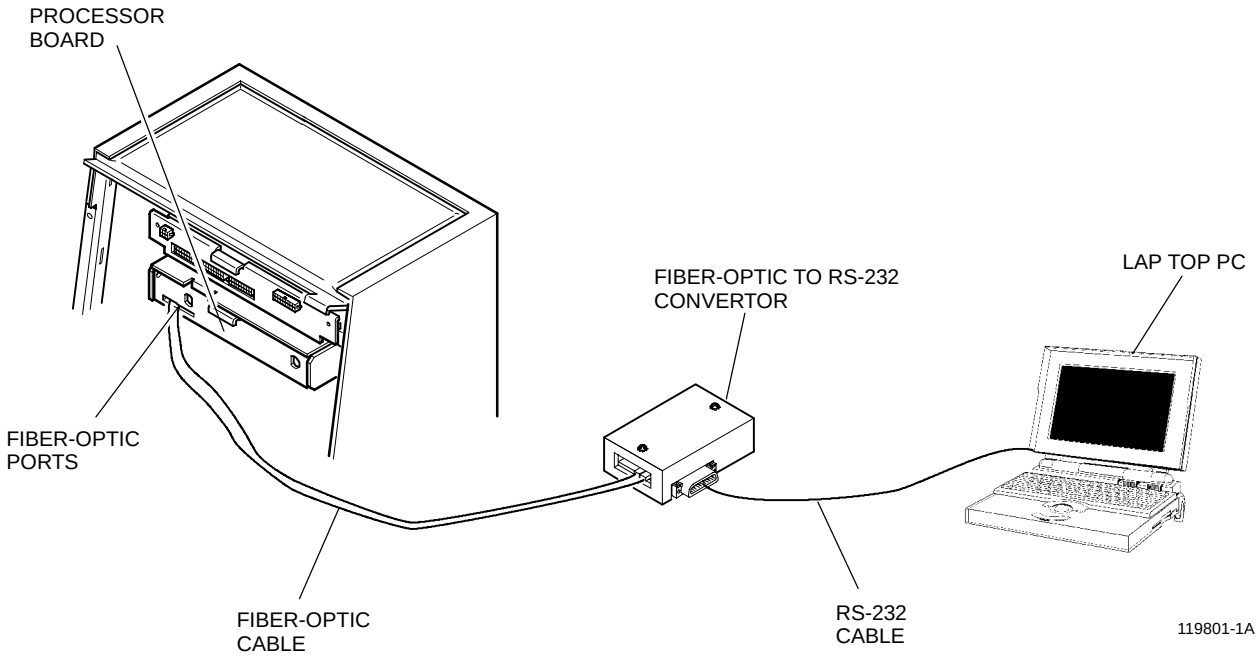


Direct Interface Hardware Setup

Processor Fiber-Optic Interface

1. Connect the RS-232 cable between the PC's Com port and the RS-232 connector on the fiber-optic to RS-232 convertor.

2. Connect the fiber cable between the fiber connectors on the convertor to those on the machine processor board (see illustration).



Fiber-Optic Hardware Setup

Machine Preparation for Fiber-Optic Communication

To communicate through the processor board fiber-optic interface, the machine must be placed in the Netplex pass-through mode. This is done through the Attendant or Setup menus. Follow the command path below for the type of machine being updated.

Vision Slot

Options – Download – Netplex

Game King/Winner's Choice with Release 3 or Earlier Software

Setup – Privileged Options – Maint Port Options – Netplex Peripheral

Game King with Release 4 Software

Setup – Machine Options – Maint Port Options – Netplex Peripheral

Download Procedure

Note: *The first time the program is run, manufacturer designations for the download software to be used must be entered into the system. The program automatically displays windows to enter this information.*

1. Start the PC and go to the NET_HOST program directory (**CD** \ *directory name*).
2. At the prompt type **NET_HOST** and press the **[ENTER]** key.
3. The first screen appears showing 4 choices:
   - *Update Peripheral*
   - *Verify Peripheral*
   - *Change Comm Port*
   - *Quit*

   To navigate in the NET_HOST program:
   - Use the **[ENTER]** key to move to the next screen
   - Use the **[ESCAPE]** key to move to the previous screen
   - Use the arrow keys or type the bold letter of a selection to highlight a particular selection on a screen
4. Select the *Update Peripheral* option and press **[ENTER]**.
5. Highlight the manufacturer and press **[ENTER]**.
6. Select the peripheral to be updated.
7. Answer yes when the program asks if this is a download program and press **[ENTER]**.
8. Type in the exact file name for the peripheral software to be loaded. Highlight this file name and press **[ENTER]**.
9. A progress screen appears showing that the update is in process (updates may require up to five minutes). When the process is complete the messages “verification PASSED” and “UPDATE PROCESS COMPLETE” appear.
10. Press the **[ESCAPE]** key to quit the program.
11. Disconnect the validator head from the harness.

Other Program Features

- To check which program is currently loaded on the validator, select *Verify Peripheral* on the main menu screen.
- To change the communication port selection, select the *Change Comm Port* option from the main menu, highlight the correct port and press **[ENTER]**.

Troubleshooting

Unable to Perform Download			
Step	**Check**	**Result**	**Action**
1	Is there power to the Net 2232 unit?	No	1. Check the power cord. 2. Replace the fuse (p/n 520-027-90).
2	Is there communication between the PC and bill acceptor?	No	1. Check all of the connections. 2. Be sure that the correct Com port is selected in the NET_HOST program to match the PC.
3	Are the two red LEDs on the bill acceptor CPU board ON after download?	No	Repeat the download process

Net 2232 Unit – Communication Setup

If the program still cannot find the peripheral device, the RS-232 cable may have the transmit and receive conductors reversed. If this is the case, the DIP switches inside the Net 2232 unit must be reset. Use the following procedure to reset the switches.

1. Remove the cover from the Net 2232.
2. Locate the DIP switches (near the corner of the box where the connectors are mounted).
3. DIP switches 4 and 5 will be in the same position, and DIP switches 6 and 7 will be in the opposite position.
4. Reverse the settings of the four DIP switches. Make sure that 4 and 5 are set the same and that 6 and 7 are also.
5. Verify the communication port setting in the NET_HOST program.