geoCable II™

Users Manual

Product Description

Your new geoCable II is the latest and most advanced in a long line of Commodore User Port parallel print cables. These cables allow you to attach standard printers equipped with a Centronics parallel port directly to your Commodore 64 or Commodore 128 User Port.

Features

The new geoCable II design provides several convenient features. A built-in pass-through port lets you keep other User Port devices (such as Commodore-compatible modems) attached to your computer while using geoCable II. This helps extend the life of connectors on both your computer and User Port peripherals. A convenient switch is provided to let you set your user port output to the printer or pass-through port device. In addition, geoCable II uses standard 'PC' printer cables for easy replacement; this also gives you the ability to buy a longer cable if your particular installation requires it.

Software Compatibility

You'll be able to use your new geoCable II with GEOS and GEOS 128; other applications such as Superbase, Superscript, & Paperclip also have the ability to use printers attached via geoCable II. Furthermore, the Action-Replay MK VI utility cartridge has the ability to make many C-64 programs output through geoCable II. While not all programs are compatible with User Port print cables, those which are will offer you faster output—a relatively nice benefit for the low cost of this device.

In order to use your geoCable II with GEOS or GEOS 128, you will have to replace your current GEOS Printer Drive with a geoCable version. The disk included with your geoCable II contains a number of geoCable replacement drivers which can be identified by the letters GC in the filename (generally at the end of the name).

Installing geoCable II

Installation of geoCable II is very easy, and will take only a couple of minutes. Follow these steps:

- With your computer turned off, remove any currently installed User Port devices from the computer. The User Port is located in the back of the computer, on the far left side (when viewing the computer from the front).

- Insert geoCable II into the User Port as shown in the diagram below. Make sure it is fully inserted and aligned properly.
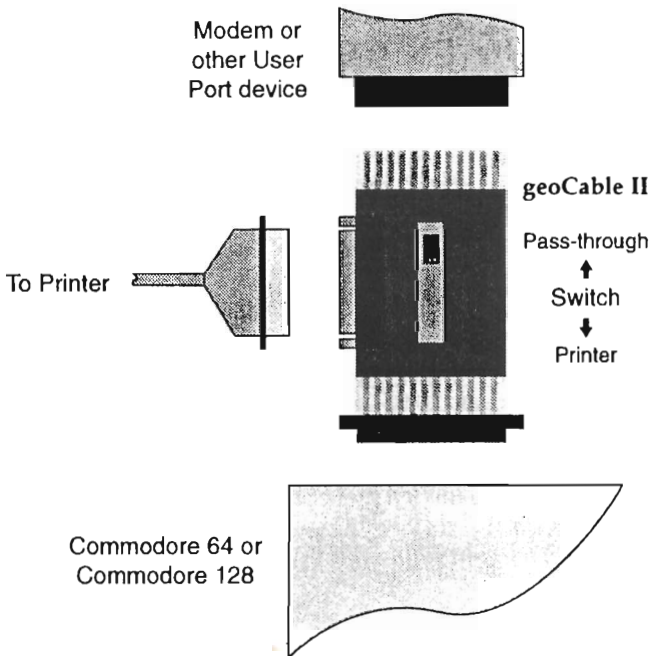
- Connect the printer cable supplied with your geoCable II to the printer port located on the left side of geoCable II.

- Connect the other end of the printer cable to the Centronics port on your printer.

- If you have a Commodore-compatible modem or other User Port device, you may attach it to the pass-through port located at the rear of geoCable II.

- Note the position of the switch on geoCable II. The switch selects the pass-through port when switched in the direction of that port. The switch position closest to the computer itself sets output to the printer port.

Your geoCable II is now ready for use. Proceed with any software installation required as outlined in the remainder of this manual.

Installing a New GEOS Printer Driver

As mentioned above, you must install a new geoCable-compatible printer driver in order to use geoCable II with GEOS or GEOS 128. Several such drivers are provided on the disk that came supplied with your cable.

9-Pin Printers

For most Epson-compatible 9-pin printers, the printer driver named Epson FX-80 (GC) will work. Double-strike and quadruple strike versions of this driver are also available as FX-80 DS (GC) and FX-80 QS (GC). Star NX-1000 Rainbow users can use the Epson JX-80 (GC) printer driver. For more esoteric printers, try to locate a suitable driver by comparing the names of the drivers with the name of your printer.

24-Pin Printers

For Epson-compatible 24-pin printers (nearly all 24-pin dot-matrix and some ink-jet printers), use the Epson LQ (GC) printer driver. If you have a Star NB-15, or if the Epson driver does not appear to work on your 24-pin printer, try the Star NB-15 (GC) printer driver.

Copying Printer Drivers

You must place a copy of the printer driver you need on the disk you normally use to boot GEOS or GEOS 128. You must also put copies of the printer driver on any disk that you use to start an application; this assures that the application will be able to locate and load the printer driver when it is required. If you aren't sure how to copy the printer driver you need to these disks, refer to the section entitled, "Copying a File to Another Disk", located on page 66 of the GEOS 2.0 Users Manual.

Activating the Printer Driver

After you have copied the required printer driver to your disks, you must activate it. Instructions for doing this are located on page 20 of the GEOS 2.0 Users Manual, in the section entitled, "Activating Your Printer".

Using geoCable II with Perfect Print LQ

If you use Perfect Print LQ, you can quickly adapt it to use geoCable II by placing the Connect GC file on the disk you use to load Perfect Print LQ. If you have any other connect file (such as Connect S5) on that disk, remove it, or place it on a higher numbered page. Perfect Print LQ will always load the first connect file it finds on the disk.
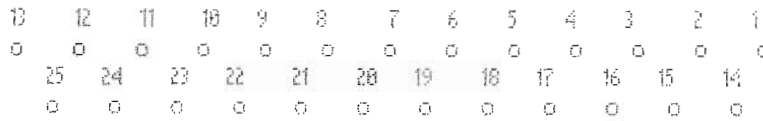
Warranty & Support

Your geoCable II is warranted to be free of manufacturing defects for a period of 90 days. If you experience problems with your geoCable II, contact CMD Technical Support at 1-413-525-0023, from 1 PM to 5:30PM Eastern, Monday - Friday.
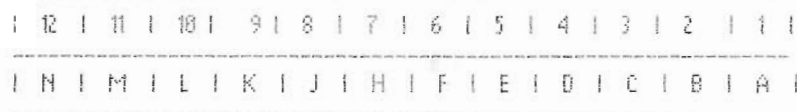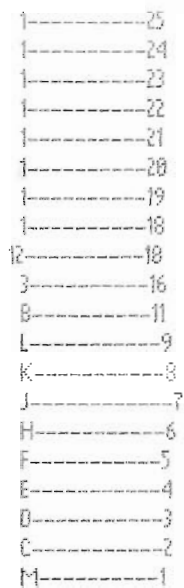
geoCable-II

(WIRING DIAGRAM)

FEMALE 25-DPB

```
  13     12     11     10     9      8      7      6      5      4      3      2      1
  o       o      o      o     o      o      o      o      o      o      o      o      o
       25     24     23     22     21     20     19     18     17     16     15     14
        o      o      o      o      o      o      o      o      o      o      o      o
```

TOP

```
-----------------------------------------------------------------------
| 12 |  11  |  10 |  9 |  8 |  7 |  6 |  5 |  4 |  3 |  2  |  |  1  |
-----------------------------------------------------------------------
|  N  |  M  |  L  |  K  |  J  |  H  |  F  |  E  |  D  |  C  |  B  |  A  |
-----------------------------------------------------------------------
```

24 PIN EDGE – 25 DPB
CONNECTOR

```
1-----------25
1-----------24
1-----------23
1-----------22
1-----------21
1-----------20
1-----------19
1-----------18
12----------18
3-----------16
B-----------11
L-----------9
K-----------8
J-----------7
H-----------6
F-----------5
E-----------4
D-----------3
C-----------2
M-----------1
```

NOTE: PINS 1 AND 12 ARE JUMPERED TOGETHER ON THE 24 PIN EDGE CONNECTOR. THEN THESE ARE
        CONNECTED TO PINS 18, 19, 20, 21, 22, 23, 24 AND 25.