



CP-1124



User's Guide



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CP-1124 User's Guide

Overview of the CP-1124

The Telxon CP-1124 Connector Pod is designed for use with the PTC-1124 or PTC-2124 pen-based portable tele-transaction computer. It attaches to the left side of the PTC via each unit's docking/cradle connector.

The three ports on the front of the connector pod allow the attached PTC to be connected to a variety of external devices, including a keyboard, a remote or local network, and a serial device such as a printer or host computer. In addition, a charger jack allows the PTC's battery pack to be charged via a power module or a vehicle adapter.

Unpacking the CP-1124

Each shipping box contains

- a CP-1124 Connector Pod and
- this user's guide.

Any additional accessories are shipped separately.

1. Unpack the box and save the packaging in case the pod is ever stored or shipped to Telxon for service.
2. Check the contents of the package to make sure you have received everything ordered.
3. Check the unit for shipping damage. If anything is missing or damaged, notify your Telxon sales representative.

Connecting the connector pod to a PTC

CAUTION! The CP-1124 is designed for use with only a PTC-1124 or PTC-2124. Do not attempt to connect it to any other computer or PTC.

1. Suspend the PTC.
2. Make sure no external devices are connected to the connector pod.
3. Align the CP-1124's docking connector with the cradle connector on the left side of the PTC (see the figure above).



Note: Make sure the connector pod's keyboard port is near the top of the unit and the charger jack is near the bottom.

4. Firmly slide the connector pod onto the left side of the PTC until it locks into place over the PTC's accessory ridge (see the figure above).
5. Make sure the connector pod is securely connected to the PTC.
6. Resume the PTC.

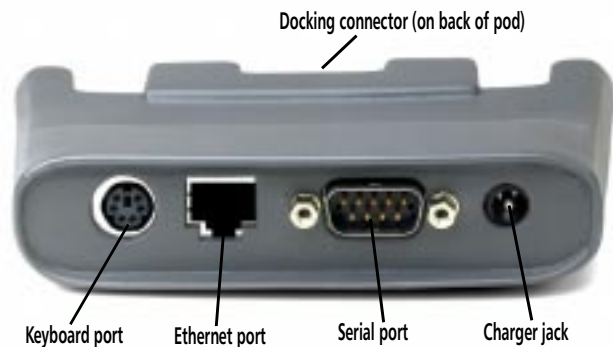
Connecting external devices to the connector pod

Connecting a keyboard

A PC/AT-type keyboard (with a PS/2 connector) can be connected to the connector pod for use with an installed PTC.

1. Make sure you are using the correct keyboard. If your keyboard is switchable between XT and AT, make sure it is in the AT position.

CP-1124 Connector Pod (front view)



2. Suspend the PTC; then connect the keyboard's PS/2 connector to the connector pod's keyboard port.
3. Resume the PTC.

CAUTION! Unless you always suspend the PTC before connecting or disconnecting a standard keyboard, the keyboard can be damaged. To correct this problem, a rugged keyboard can be purchased from Electronic Keyboards, Inc. at www.electronickeyboards.com.

Using the Ethernet port

Follow the instructions below to allow your PTC-1124 or PTC-2124 to communicate via the connector pod's Ethernet interface to a local or remote network.

Note: The CP-1124's Ethernet port must be connected to an Ethernet hub before the attached PTC is booted or resumed from suspend. Otherwise, the connection will not be recognized.

1. Suspend the PTC.
2. Insert one of the connectors on a standard RJ-45 cable into the connector pod's Ethernet port.
3. Insert the connector on the other end of the cable into an Ethernet hub.
4. Resume the PTC.

Connecting a serial device

A standard serial device, such as a host computer, can be connected to the connector pod via serial cable.

1. Turn off the serial device.
2. Suspend the PTC.
3. To comply with FCC Part 15, Class A regulations, place an open ferrite bead around the serial cable. Position the bead very close to the connector that will attach to the connector pod's serial port. Snap the bead closed to secure it to the cable.
4. Insert the serial cable's 9-pin connector into the connector pod's serial port.
5. Connect the other end of the cable to the serial device.
6. If the cable connectors having securing screws, tighten the screws to secure the cable to the serial device and to the connector pod.
7. Turn on the serial device and resume the PTC.

Connecting a power module or a vehicle adapter

The following procedure allows you to charge an attached PTC-1124 or PTC-2124's lithium-ion battery pack via the connector pod's charger jack.

Equipment required:

- A 15-VDC, 2.7-A AC adapter and an appropriate power cord or a 15-VDC, 2.7-A vehicle adapter

- An electrical outlet providing 110 volts AC or a vehicle's cigarette lighter socket

Note: If you are using the PTC outside of the U.S. or Canada, you need a power cord with a CEE-22 connector at one end (for the power supply) and an appropriate wall plug at the other end.

1. Suspend the PTC.
2. Connect the appropriate power cord to the AC adapter.
3. Connect the AC or vehicle adapter to the PTC's power jack; then plug the AC adapter's power cord into an electrical outlet or the vehicle adapter into a vehicle's cigarette lighter socket.
4. Resume the PTC, if desired. The PTC can be operated while its battery pack is being recharged.
5. Charge the battery pack for 2 to 3 hours. The PTC's Charge LED blinks green when the pack has reached a 90% or greater charge; it glows solid green when charging is complete.
6. When charging is finished, disconnect the AC adapter from the electrical outlet and the PTC or disconnect the vehicle adapter from the cigarette lighter socket and the PTC.

Disconnecting external devices from the connector pod

1. Suspend the PTC.
2. Turn off the external device.
3. Unscrew the cable connector attached to the connector pod (if necessary); then grasp the connector and pull it directly out of the connector pod's port.
4. If necessary, disconnect the other end of the cable from the external device.
5. Resume the PTC.

Disconnecting the connector pod from a PTC

Follow these instructions if you ever need to disconnect the connector pod from the PTC-1124 or PTC-2124.

1. Suspend the PTC.
2. Disconnect any external devices from the connector pod.
3. Grasp the connector pod and firmly pull it away from the PTC. Do not use a rocking or twisting motion.
4. Resume the PTC.

Maintaining the connector pod

Operating conditions

The CP-1124 can be operated in temperatures between 32 and 122 degrees F (0 to 50 degrees C). Follow these guidelines to help ensure you receive safe, reliable, and trouble-free service from your connector pod:

- Do not expose the connector pod to excessive dust, dirt, and moisture.
- Do not insert anything other than the appropriate cables into the connector pod's ports.
- Do not attempt to repair the connector pod. Only a trained Telxon technician may service the unit.

Cleaning the connector pod

To clean the connector pod, slightly moisten a soft, clean, lint-free cloth with a mild, nonabrasive cleaner, such as Windex, and wipe the outside surfaces. Do not use a paper towel.

CAUTION! Do not soak the cloth and do not spray or pour cleaning liquids directly onto the unit.

Storing the connector pod

Do not store the connector pod in temperatures below -22 degrees F (-30 degrees C) or above 158 degrees F (70 degrees C) or in a damp or humid environment.

1. Suspend the PTC, if attached.
2. Disconnect any cables from the connector pod.
3. Disconnect the PTC from the connector pod.
4. Pack the connector pod in its original packing material or in a padded box and put it in a safe place away from dust, dirt, humidity, and excessive heat or cold.

Specifications

Communication

PTC interface:	One 13-pin docking connector
Ethernet:	One UTP (RJ-45) Ethernet port
Serial:	One DB-9 serial port
Keyboard:	One PS/2 keyboard port

(The connector pod's Ethernet port, serial port, and keyboard port pinouts are listed in the *PTC-2124 User's Guide*.)

Electrical

Charger jack:	Provides 15 VDC, 2.7 A
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Environmental

Operating temperature:	32 to 122 degrees F/0 to 50 degrees C
Storage temperature:	-22 to 158 degrees F/-30 to 70 degrees C
Relative humidity:	0 to 95% noncondensing @ 104 degrees F/40 degrees C
ESD protection:	15 kV with no damage; 8 kV with no reset
Operating altitude:	Up to 15,000 ft/4,572 m

Physical

Length:	3 in/7.6 cm
Width:	4.5 in/11.4 cm
Height:	1 in/2.5 cm
Weight:	7 oz/.2 kg

FCC statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to correct the interference at their own expense.

DOC statement

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus as outlined in the Radio Interference Regulations of the Canadian Department of Communications (DOC).

This Class A digital apparatus meets all requirements of the Canadian Interference-causing Equipment Regulations. Cet appareil numérique de Classe A respecte les Standards Canadiens d'émissions et perturbations électromagnétiques.

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