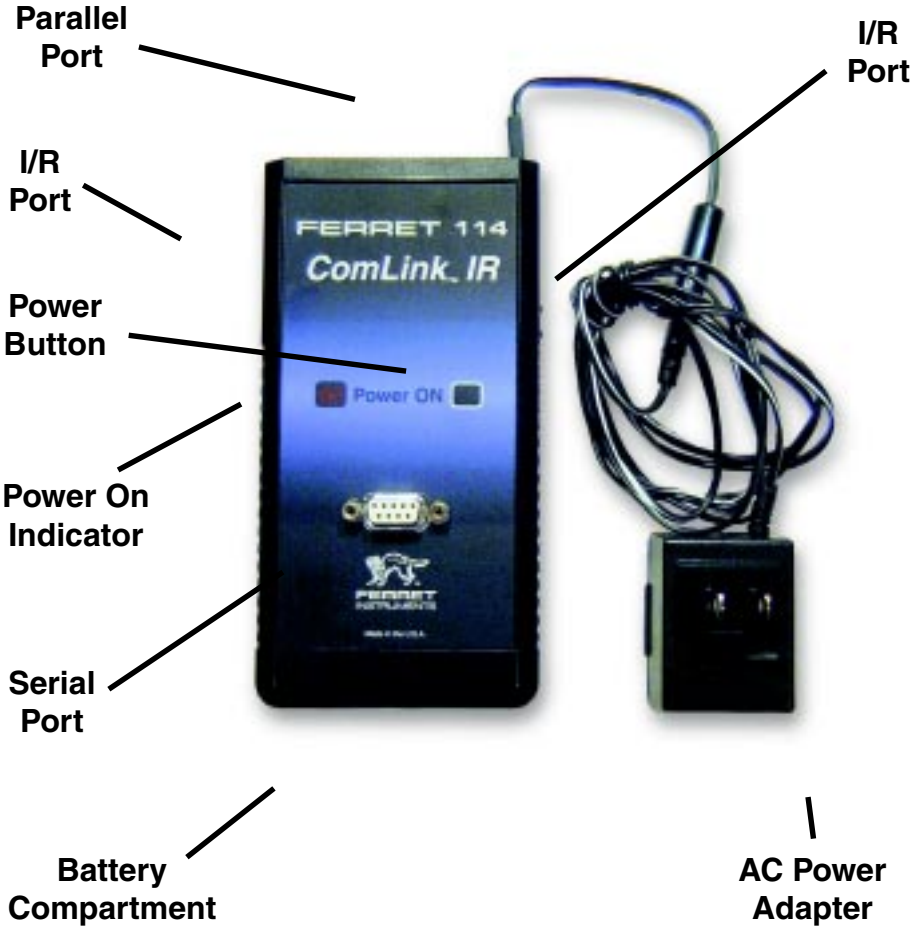




ComLink™ IR

114



Introduction

The Ferret 114 ComLink I/R will link both the Ferret 14 GasLink Emissions Analyzer, and the Ferret 55 EngineLink Analyzer to an IBM compatible dot matrix printer.

Using the ComLink™ IR

1. Connect the ComLink to Power.
 2. Connect the printer to the ComLink parallel port using a standard printer cable. The parallel port is located on the top of the ComLink box.
 3. Turn on the ComLink by pressing the Power Button.
 4. Make sure the Printer is turned on, on-line, and loaded with paper.
 5. Make sure the I/R ports on both the ComLink and the Ferret 14 or 55 are pointed towards each other. Each I/R port needs to have a clear and unobstructed view of each other.
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Compatible Printers

The Ferret 114 ComLink IR supports printing to many popular IBM compatible printers. See our website at www.ferretinstruments.com for the most up to date printer list.

The ComLink relies on character based printing, not graphic based printing. When the print key is pressed on the Ferret 14 GasLink, or Ferret 55 EngineLink, the printer will print immediately. If you cannot locate a local source for the following list of printers, we can direct you to a mail order company.

Compatible Printers

Canon	BJC-600, BJC-4000
Epson	FX100, FX880**, LX300**, LQ570**
Oki	MicroLine 184 Turbo**
Panasonic	KX-P1150**, KX-P2180

** Recommended by Ferret Engineering

Troubleshooting Printer Difficulties

The I/R LED's are located on each side of the ComLink. Make sure the LED's are in line of sight of each other and no more than 3 feet apart.

If you do not get a response from the printer, be sure to check the following:

Does the printer have power ?

Is the printer on-line?

Is the ComLink connected to AC Power and turned on?

Are the I/R ports within 3 feet of each other?

Are the I/R ports lined up and clear of obstructions?

Is the printer cable securely connected to the ComLink?

Be sure the serial port is not connected when using the parallel printer port.

Serial Port

The Serial port is active and will transmit anything it receives from Ferret 14 or 55. When software becomes available you will be able to display the analyzer readings on an IBM personal computer.

Technical Support

Any questions or inquiries about service can be answered by contacting Ferret at:

Ferret Instruments, Inc.
1310 Higgins Drive
Cheboygan, MI 49721
(231) 627-5664, Fax (231) 627-2727
Toll Free (800) 627-5655

SAFETY PRECAUTIONS

—Read All Instructions Before Using The Analyzer—

Always wear eye protection when testing vehicles. Be extra careful near batteries and moving parts. Do not lay tools on a battery.

Battery gas is highly explosive.

If a battery explodes flush the acid away from skin with generous amounts of water. Follow up with a neutralizing solution of baking soda and then more water.

Never use a wrench on the ungrounded battery terminal until the grounded one has been disconnected. Contact between the vehicle body metal and the hot terminal can cause sparks to ignite gas or even weld tools into a battery short circuit.

Keep the space around a battery well ventilated.

Do not make sparks or allow flames near batteries.

Before working on a vehicle set the brakes and block the wheels. Beware of automatic parking brake releases.

Keep your work area well ventilated and free of exhaust.

Avoid electrical shocks caused by getting close to live ignition wires or touching the coil TACH terminal. A person's reaction near a live engine can be more damaging than the shock.

Keep spark producing devices at least 0.5m (18") above the floor to reduce the hazard of igniting gasoline vapor.

Do not let test leads wind up in a moving fan or pulley. Route leads away.

Remove finger rings and metal wrist bands. They can short terminals and become very hot from electric current.