

OWNER'S MANUAL - Please read before using this equipment.

## PACKAGE CONTENTS

- USB Scanner/PC Interface Cable
- Installation Driver CD-ROM including Owner's Manual
- Conversion Cable

## FEATURES

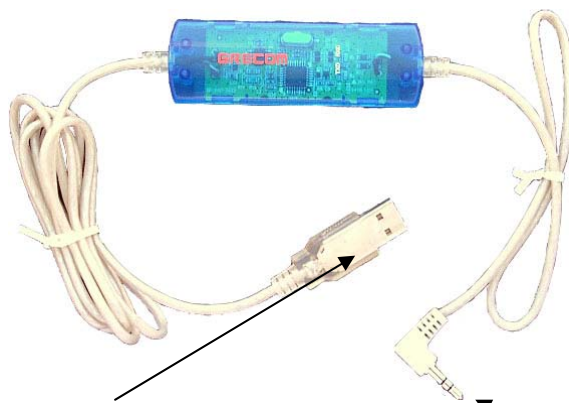
- GRECOM Scanners: PSR-100, PSR-200, PSR-300, PSR-400, PSR-500 and PSR-600
- RadioShack® Scanners :PRO-92, PRO-93, PRO-95, PRO-96, PRO-97, PRO-99, PRO-2053, PRO-2054, PRO-2055, PRO-2067, PRO-2096, PRO-163, and PRO-164 scanners.  
*For use with PRO-83, PRO-94 and PRO-2051 scanners using conversion cable.*
- USB 1.1 and USB 2.0 compatible
- Allows scanner programming from newer laptops that do not have RS-232 serial interface ports
- Transmit Data (TXD) and Receive Data (RXD) LED indicators illuminate during data transfer
- Full duplex capability - use with future RadioShack scanners for PC remote control applications
- Compatible with Windows Vista, Windows XP, Windows 2000, Windows ME, Windows 98 and 98SE.

## SYSTEM REQUIREMENTS

- IBM PC or compatible computer equipped with Universal Serial Bus (USB) connection and Windows Vista, Windows XP, Windows 2000, Windows ME, Windows 98 and 98SE

## NOTES:

- Although the USB interface cable supports full speed USB communications, actual data transfer speed depends on the scanner's hardware
- Application software is not included with the cable. Use the cable with any of the application software packages available for the scanner models listed above.



**USB Connector**

Congratulations on your purchase of this GRE 30-3290 USB Scanner/PC Interface Cable for GRECOM scanners and RadioShack® Scanners. This cable allows you to connect many GRECOM and RadioShack® handheld, base and mobile scanners directly to your computer's Universal Serial Bus (USB) connectors, allowing convenient and simple programming of your scanning receivers.

## Installing USB drivers on Windows Vista/XP/2000

To install any new driver on Windows Vista/XP/2000 you need to have administrator privileges.

**Note:** Do not insert the USB cable into the USB port on your computer before installing the USB driver. If the USB cable is inserted into the USB port, your computer will automatically launch the Found New Hardware Wizard. Then simply click "Cancel" and remove the USB Cable from your computer.

1. Locate and execute "CDM 2.04.16.exe" in the directory \30-3920V1\_3\Windows Vista\_XP\_2000\ in the supplied CD-ROM.
2. When "CDM 2.04.16.exe" is finished, connect the USB cable 30-3290 to the USB port.
3. PC automatically starts installing the USB cable driver.
4. When installing the driver is finished, the following display will be displayed. Then click "Finish" The COM port emulation driver must now be installed.

## Windows ME

1. Connect the USB cable to a spare USB port on your PC. This will launch the Windows Add New Hardware Wizard.
2. Windows may display a message reading "Building driver database" at this point which may take a few minutes to pass. Click "Next" to proceed with the installation.
3. Select "Automatic search for a better driver (Recommended)."

## Conversion Cable



**Scanner PC/IF Connector**

4. Insert the supplied CD-ROM into PC's CD Drive
5. PC automatically starts installing the USB Driver.
6. When installing the driver is finished, the following display will be displayed. Then click "Finish". The COM port emulation driver must now be installed.

## Windows 98 and 98SE

1. Connect the device to a spare USB port on your PC. This will launch the Windows Add New Hardware Wizard.
2. Windows may display a message reading "Building driver database" at this point which may take a few minutes to pass. Click "Next" to proceed with the installation.
3. Select "Search for the best driver for your device. (Recommended)," as shown below and then click "Next"
4. Check the box next to "Specify a location" and uncheck all others as shown below.
5. Browse the driver file \30-3920\Win98\_ME\FTC100103\FTDIBUS.INF in the supplied CD-ROM and click "Next".
6. Windows may display a message reading "Building driver database" at this point which may take a few minutes to pass. Once Windows has found the required files, click "Next" to install the device
7. Windows should then display a message indicating that the installation of the serial converter driver was successful. The COM port emulation driver must now be installed. Click "Finish" to complete the installation of the serial converter and proceed to the COM port emulation driver.
8. The COM port emulation driver must now be installed. Click "Finish" to complete the installation of the serial converter and proceed to the COM port emulation driver.

## Limited Ninety-Day Warranty

GRE America, Inc. warrants all parts of each new product to be of sound design, good material and workmanship, and will repair or exchange any parts proven to be defective under normal use at no charge for a period of 90 days from the date of sale to the end user.

Defects will be corrected by GRE America. There will be no charge for labor for a period of 90 days from the date of original sale, except as provided below. Overtime premiums and/or expedited handling and shipping costs must be paid by the owner.

### Warranty Limitations

This warranty does not apply to equipment or parts that have been subject to accident, abuse, incorrect service, alterations, service by non-authorized service personnel, misuse, or on units upon which the warranty seal has been removed, altered, or mutilated.

A copy of the warranty certificate or purchase receipt must be supplied to GRE America when requesting service.

Buyer must contact GRE America for an RMA# prior to returning of unit for repair for return for repair.

Equipment must be sent to GRE America at the owner's expense and will be returned via surface carrier at no cost to the owner.

This warranty is strictly limited to the terms indicated herein, and no other warranties or remedies thereunder, express or implied, shall be binding on GRE America.

### Refund Policy

Should purchaser require a refund, a minimum of 20% Re-stocking fee would be applied. NO REFUNDS ARE ALLOWED WITHOUT THE PRIOR AUTHORIZATION OF SELLER. Returned products are to be marked with the reason for return and must be properly packaged by purchaser to prevent damage in transit. Purchaser must assume all shipping transits charges to and from F.O.B. NO REFUNDS ARE PROVIDED FOR SHIPPING COST.

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9. The COM port emulation driver will be automatically installed from the same location as the serial converter drive.

## Viewing the Cable Port Settings

To specify the COM port number in your scanner application software, you can view the port settings when the cable is plugged into your computer,

1. Open your system's Control Panel. Double click the System icon.
2. Select the Hardware tab, then select Device Manager. If your system is Windows 98 (or 98SE), just select Device Manager.
3. Scroll to Ports, then click the "+" sign to expand the Ports list.
4. Confirm the cable's COM port number.

## Installation Troubleshooting

- If Windows does not detect the cable when plugged in, try using any other USB port if available.
- If the wizard prompts you to insert a disk or specify a location for additional files during installation, browse the CD. All of the drivers required for cable installation are located in the CD.
- If the New Hardware Wizard appears again after you have installed the cable, simply repeat the installation steps.
- If the installation fails, remove the cable and follow the instructions for uninstalling USB drivers from your system. Then, reboot your computer and perform the installation again.

## Uninstalling USB Drivers from your computer on Windows Vista/XP/2000

The drivers can be uninstalled if desired. However there is no harm in leaving the drivers installed on your computer, even if you stop using the cable. Removing the drivers may be helpful when troubleshooting failed installations.

1. Open the Add/Remove Programs utility located in "Control Panel\Add/Remove Programs".
2. Select "Windows Driver Package FTDI CDM Driver" from the list of installed programs.

3. Click the "Change/Remove" button. This will run the FTDI uninstaller program. Click "Yes" to run the uninstaller or "No" to exit.

4. When uninstalling the driver is finished, select "Windows Driver Package FTDI CDM Driver" again.
5. Click the "Change/Remove" button. This will run the FTDI uninstaller program. Click "Yes" to run the uninstaller or "No" to exit.

## Windows ME 98 and 98SE

1. Open the Add/Remove Programs utility located in "Control Panel\Add/Remove Programs".
2. Select "FTDI USB – to –Serial Converter Driver" from the list of installed programs
3. Click the "Add/Remove" button. This will run the FTDI uninstaller program. Click "Continue" to run the uninstaller or "Cancel" to exit.
4. When the uninstaller has finished removing the device from the system, the caption on the "Cancel" button will change to "Finish". Click "Finish" to complete the process.

## Caring for your USB Scanner/PC Interface Cable

Your Scanner/PC Interface Cable is designed to give you years of trouble free service if properly cared for.

Keep the cable clean and dry at all times.

Use care when connecting and disconnecting the cable from your computer and scanner equipment. Ensure that the cable's connectors are properly aligned with the radio and PC connectors, and verify that the USB connector is oriented correctly. Do not force the connectors into your equipment. Grasp the cable by the molded plastic connectors during installation and removal. Do not pull the cable wire to disconnect it from your equipment.

## FCC NOTICE

This device complies with Part 15 of the *FCC Rules*. Operation is subject to the following two conditions:

This device may not cause harmful interference. received, including interference that may cause undesired operation.