AM-RS232

RS-232 Extender Kit

Installation Instructions

**For Use with Linear's
Access Control Systems**

Linear®
Building On Innovation.

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PRODUCT DESCRIPTION

The Model AM-RS232 kit allows extending the RS-232 connection up to 1000 feet from a Linear AE1000Plus, AE2000Plus, or AM3PLUS access control panel to a programming or monitoring computer running Linear's AccessBase2000 software.

The kit contains an RS-232 sender and receiver pair for sending the data over a Cat-5e cable up to 1000 feet. A plug-in power supply connects to the sender unit for power. The 6-foot Serial cable included in the kit connects the sender unit to the PC. Linear's A2C-DB9 (ACP00415) access control serial interface cable is included in the kit to connect the receiver unit to the RS-232 port of the access control panel. Cat-5e cable is not included in the kit.

The kit also includes a USB to Serial adapter. The adapter can be used to interface with PC computers that do not provide external COM port connectors, but do have an available USB port connector. If the PC computer has an available COM port connector, the USB to Serial adapter is not required.

A software driver CD is included to install on the PC to operate the USB to Serial adapter and assign a COM port number to the adapter. COM ports 1-8 are supported by the AccesBase2000 software.
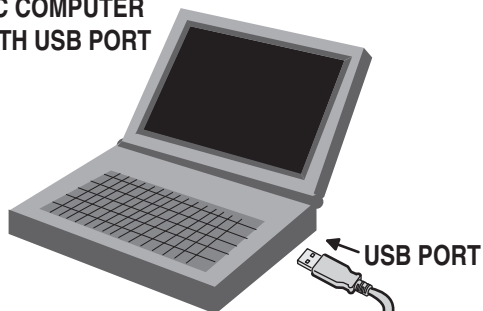
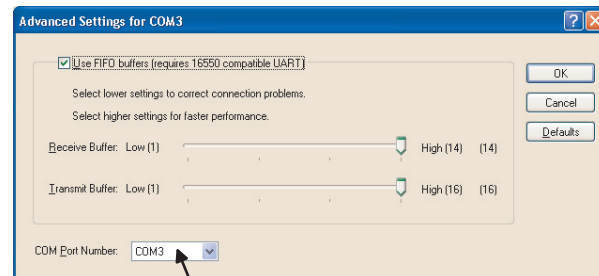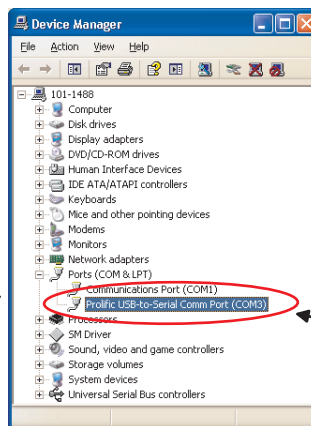## COMPONENT CONNECTIONS

PC COMPUTER WITH USB PORT

USB PORT

INSTALLATION

1. INSTALL THE USB TO SERIAL DRIVER FIRST

2. CONNECT THE USB CABLE, WAIT FOR WINDOWS TO DETECT IT

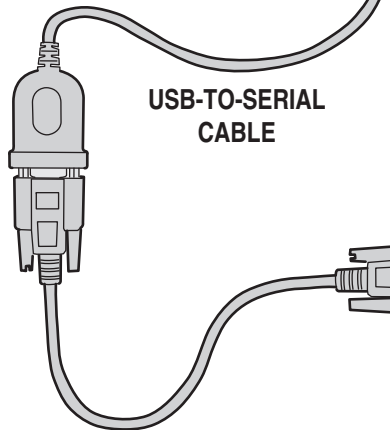3. USE WINDOWS DEVICE MANAGER TO CHECK THE COM PORT NUMBER

WINDOWS XP
GET TO DEVICE MANAGER FROM:
CONTROL PANEL, SYSTEM, HARDWARE, DEVICE MANAGER

WINDOWS 7
GET TO DEVICE MANAGER FROM:
CONTROL PANEL, HARDWARE & SOUND, DEVICE MANAGER

COM PORT NUMBER CAN BE CHANGED BY: RIGHT CLICK ON PORT, THEN PROPERTIES, PORT SETTINGS TAB, ADVANCED

USB-TO-SERIAL CABLE

RS232 extender S

RS232 EXTENDER SENDER

6-FOOT SERIAL CABLE

PLUG-IN POWER SUPPLY

CAT-5e CABLE UP TO 1000 FEET (Not Included)

RS232 EXTENDER RECEIVER

RS232 extender R

A2C-DB9 CABLE

AE1000Plus AE2000Plus OR AM3Plus PANEL

LINEAR

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