

# **SpitFIRE I**

# **SpitFIRE II**

## *Quick Start Guide*

Congratulations on purchasing your SpitFIRE™ Serial Port Infrared Remote Control. The Innotech Systems' SpitFIRE™ turns an ordinary PC into a powerful state-of-the-art home entertainment control system!

Installation software as well as complete software and hardware manuals are provided on the enclosed CD ROM. We strongly recommend you review these documents before using the SpitFIRE Serial Port Infrared Remote Control. Please note the SpitFIRE I and SpitFIRE II Remote Controls utilize different infrared code databases. It is essential you refer to the "Device Code" document for the specific unit you have purchased.

The built-in infrared remote control database in the SpitFIRE I enables you to control TVs, VCRs, satellites, cable boxes, and DVD players without the need to "learn" your existing remote controls. In addition to the internal infrared remote control database, the SpitFIRE II adds the ability for you to control additional audio and home theater devices (or add additional buttons to existing devices) by "learning" the codes from your existing remote controls.

The SpitFIRE is controlled via a standard serial interface. The host PC controls the SpitFIRE by simply sending simulated button presses. The SpitFIRE will respond by returning status information for every command.

The SpitFIRE includes sample Visual Basic application software. The software displays a "virtual" remote control on screen and responds to "virtual button presses" to illustrate the operation of the device and for you to use as the basis for your own software applications. While this software may be suitable to your application as provided, it is not required that you utilize this software.

Your SpitFIRE should be connected to a PC COM port using a modem cable or a NULL modem cable with a NULL modem adapter. If you use the software included with the SpitFIRE software you must select a COM port before it will communicate.

To insure that the SpitFIRE is communicating to the PC, click one of the source buttons (CBL, TV, VCR or AUX). You should see the green LED indicator on the SpitFIRE and on the PC-based “virtual” remote flash once. If it does not flash, try a different COM port and check your cable.

Before operating an entertainment product, the SpitFIRE must first be set up to send the correct codes. To program the SpitFIRE through the PC for a specific TV, VCR, Cable box, satellite, or DVD code from the included infrared remote control "library," the procedure is:



SEND CODE	RESPONSE
SOURCE (TV, VCR, CBL, AUX)	1 Flash
PROG	2 Flashes
3 Digit Device Code	1 Flash for Each Digit
PROG	3 Flashes

Tables of device codes for the SpitFIRE I and SpitFIRE are provided on the enclosed CD. If you don't see 3 flashes when the final PROG key is pressed, the SpitFIRE has not accepted your 3 digit device code.

For example, to set up the SpitFIRE to control a Sony TV (ISI # 038):

SEND CODE	RESPONSE
SOURCE (TV, VCR, CBL, AUX)	1 Flash
PROG	2 Flashes
0	1 Flash
3	1 Flash
8	1 Flash
PROG	3 Flashes

Please refer to the SpitFIRE II manual on the CD for instructions for “learning” IR codes from existing remote controls.