# EasiTrax User Manual


## Introduction

This unit is designed for use in a domestic or light industrial environment. The joystick has been specially designed to give a very low profile. The buttons are positioned conveniently to the top and side of the joystick for easy of use.

# Operating Instructions

1. Prime Function

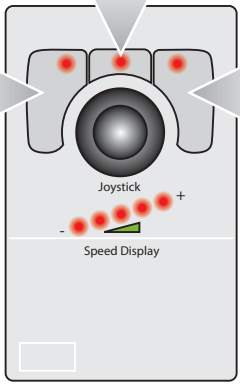
2. Secondary Function

1. Scroll
   Press - Illuminate - Scroll
   Press again to release

2. Speed
   Press Hold (3 sec) - Illuminate
   LH & RH Buttons ( - & +)
   Press again to release

1. Left Mouse Button

2. Drag
   Press Hold (1 sec) - Illuminate
   Drag with Joystick
   Press again to release




1. Right Mouse Button

2. Drag
   Press Hold (1sec) - Illuminate
   Drag with Joystick
   Press again to release

## 1. Cursor control

The cursor is moved around the screen, by moving the joystick in the direction you wish the cursor to go. The further you move the joystick the faster the cursor will move. The cursor will continue to move until released, and returns to a central position.

## 2. Left Mouse Button

Primary Function: This button takes the place of the left mouse button and is normally used for single and double click operations.

Secondary Function: If the button is pressed and held for more than 1 second an LED will be illuminated below the button. This indicates the "Drag" mode in operation. This is equivalent to holding down the left mouse button. Press the button a second time to cancel the operation. This will also extinguish the LED.

### 3. Right Mouse Button

**Primary Function**: This button takes the place of the right mouse button.

Secondary Function: If the button is pressed and held for more than 1 second an LED will be illuminated below the button. This indicates the "Drag" mode in operation. This is equivalent to holding down the left mouse button. Press the button a second time to cancel the operation. This will also extinguish the LED.

### 4. Middle Button - Scroll/Speed Control

**Primary Function:** On a single click, an LED illuminates, this then allows Scroll function for Joystick. Click again to release function.

Secondary Function: The cursor speed control can be adjusted by holding the central button for more than 3 seconds. A display of 1 up to 5 LED's will show themselves on the upper surface. By pressing the LH button the speed can be slowed down, and by pressing the RH button the speed can be increased. Standard mouse software can also be adapted to enhance the speed – see computer operations manual.

# Installation

## USB/PS2 Dual Platform Unit

This unit can be used on IBM compatible computers (PC's) that have USB ports, or with the aid of a USB/PS2 adaptor can be used in a PS2 port. It can also be used on iMac computers. To install the device on IBM compatible computers with USB or Apple iMacs, simply plug the unit directly into a free USB port, whether the computer is on ("hot plug") or not. For IBM compatible machines with PS2 mouse ports, attach the adaptor to the end of the lead and then connect the device into the PS2 mouse port and boot up from cold (do not "hot plug)". With PS2 operation, ensure no other pointing device is connected to the computer i.e. a serial mouse connected to com1.

## Use

These units are designed to operate as part of a man-machine interface. Moving the joystick, pressing the appropriate button, and using moderate hand pressure should operate the units. The units should not be operated by machinery or excessive force used. The units are not designed for use as measuring devices. These units are not suitable for applications where malfunction could endanger safety. The units are NOT toys.

## Adjustment

These units do not have any user adjustable components

# Maintenance

The units contain no user serviceable parts. If repair is required, the units should be returned to Traxsys Input Products or their authorised representative. The following will invalidate the CE mark:

- Unauthorised repair or modification
- Extending the cable or connection to an extension lead. Units may appear to function normally, but their EMC performance may be compromised.
- Operation outside of domestic or light industrial environment.
- Operation in harsh electromagnetic environments such as close to switch gear, induction heating equipment, arc welding equipment or the close proximity of high power radio, television, telephone or radar transmitters.
- Operation in any vehicle, land, sea, or air or direct medical applications
- Operation of the unit whilst damaged.
- In order to meet requirements of EN60950 (safety of IT equipment) the units must be connected to a power limited supply, which will limit the power supplied to 15VA max, under fault condition.

The following may damage the units:

- Direct or indirect lightening strikes
- Subjecting the units to ionised radiation greatly exceeding the normal background level.
- The application of electrical power or signals to any part of the units except normal connection to the host computer system.
- Electro-static discharge (ESD) to any part of the unit whilst the shell of the connector is not connected to ground. Also ESD to any part of the unit behind protective covers of the data pins under any circumstances.
- Immersion in water or aqueous solution
- Application of chemical or solvent, which may degrade PC, PVC.
- Operation outside the temperature range 0 to 55 degree Celsius or storage above 55 degrees Celsius.
- Mechanical abuse such as dropping, throwing, or crushing the units, causing them to impact heavy objects or the use of excessive during force during operation.

NOTE

The equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses and can radiate radio frequency energy and, if not used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does not cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orientate or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an output on the circuit different from that to which the receiver is connected.
- Consult a dealer or an experienced radio/television technician for help.

Please visit our website at www.traxsys.com for alternative products.

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