

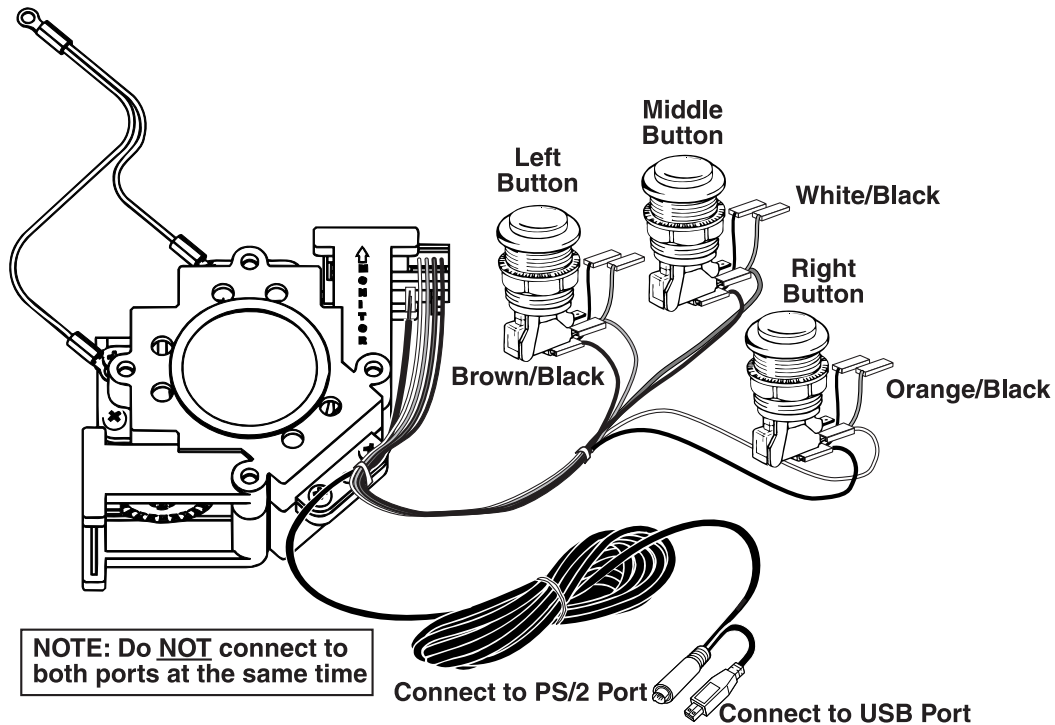
HAPP CONTROLS

Instruction Sheet for Trackball Assembly with USB/PS2 Interface

3" Trackball Part Number 56-0300-XX

2-1/4" Trackball Part Number 56-5600-XX

4-1/2" Trackball Part Number 55-0314-00



Features:

The Happ USB/PS2 Trackball Assemblies are Trackballs that will connect to a Computer without any external interface or power supply. This allows the user to replace the existing mouse with a heavy-duty trackball for public access and similar applications. The USB/PS2 Trackballs can be added with or without removing the original mouse. The Trackballs will connect to any computer that has either a PS2 connector like a standard mouse, or a USB port. The Trackball is available in various colors, including Illuminated versions. (Power for the Illumination, typically 12 volts, is supplied by a separate source.)

The trackball itself is the same shape and size as the standard Happ trackballs. The addition of a built-in computer interface has many advantages including:

No interface needed to connect a Trackball to a computer.

Connects directly to either a PS-2 (mouse) port or a USB port on a computerPC.

Works on WIN9X/NT/2K/ME/XP as well as a MAC or iMAC with USB capabilities.

No external power supply needed.

Automatically detects whether it is connected to a PS-2 or a USB port and configures itself accordingly.

Comes with a 6-foot cable that will plug into a USB or a PS-2 port.

Supports up to three buttons. (Three-button functionality will require the use of a driver that supports three buttons. The standard MS driver supports two and the MAC OS supports one.)

A wire harness is supplied that will connect our Horizontal, Ultimate, Competition or Illuminated Pushbuttons.

Buttons are not included. Pushbuttons. Buttons are not included.

Installation:

Connect the Buttons to the Trackball: Turn the power off on your computer. Connect the button you will use for the Left Mouse Button to the Brown and Black wires of the button wire harness from the Trackball. Quick-Connect terminals are provided on the harness for easy connection to the buttons. Connect the button you will use for Middle Mouse Button to the White and Black wires. Connect the button you will use for the Right Mouse Button to the Orange and Black wires. On all buttons, the Black wire connects to the COM (bottom) terminal and the Colored wire connects to the Normally Open (N.O.; center) terminal on the button switches. It is OK to leave unconnected the wires for any buttons that are not used.

Connect the Trackball to the computer:

Connect **either** the PS2 cable to a PS2 port on the PC **or** connect the USB cable to a USB port on the Computer.

DO NOT connect both at the same time!

Turn on the computer.

For PS2 connection: After the computer boots, the mouse will be controlled by the Trackball and the buttons. In WIN95/98 it may be necessary to go to Control Panel and click Add New Hardware so a driver can be found.

For USB connection: For Computers using Windows you may be asked to "Insert the WINXX Disk" so a driver can be found.

After doing this, the mouse will be controlled by the Trackball and the buttons. NOTE: The USB cable can be connected while the computer is on.

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