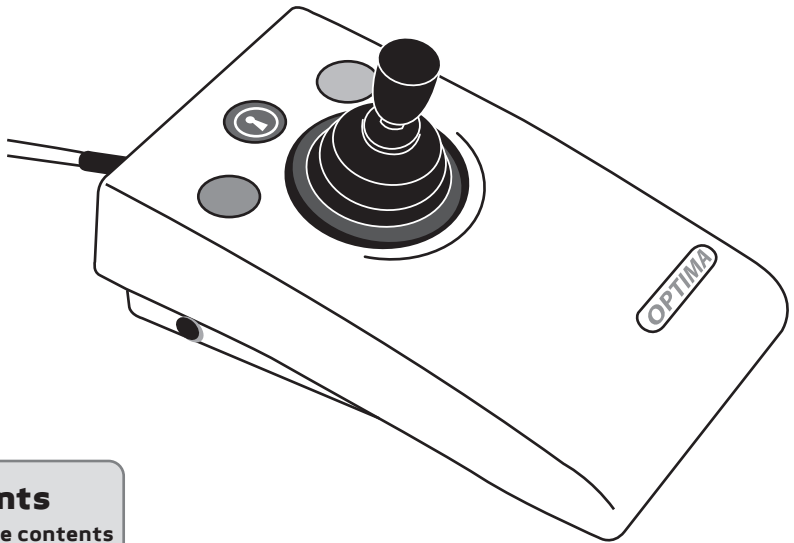# Pretorian
TECHNOLOGIES

INSTRUCTIONS

OPTIMA Joystick
with Gaming Features

Pack Contents

Carefully check the contents of the box, which are:

OPTIMA Joystick

T-Bar and Soft Ball handles

USB/PS2 adaptor plug

This manual

Product Description

A compact, desktop joystick that does not require fine motor skills and is suitable for a wide spectrum of computer users.

The **OPTIMA Joystick** is specifically designed to respond to the lightest touch (0.5 Newtons) for accurate cursor navigation and precise targeting of objects on the computer screen.

Features

- Plug and Play USB and PS/2 operation and requires no drivers.
- PC, Mac and Chromebook compatible.
- Switchable to Gaming output for full compatibility with Xbox Adaptive Controller
- Light touch joystick movement.
- User-selectable cursor speed settings.
- Drag lock and double click features.
- Sockets to operate left and right click from remote switches.
- Robust construction and ergonomic design.
- Industry-standard mounting option.
- Optional left-handed operation.

Compatibility

OPTIMA Joystick works with USB and PS/2 compatible computers including PCs, Macs and Chromebooks.

Installation

Ensure your computer is fully turned off and not just in standby. Locate the relevant USB or PS/2 socket and plug in your **OPTIMA Joystick**. If using PS/2 connectivity, you will need to use the supplied USB/PS2 adaptor.

Switch on your computer and **OPTIMA Joystick** automatically configures itself and is ready to use once boot-up is complete. No driver files are required.

Learn Mode

There are a number of settings to allow you to configure **OPTIMA Joystick** to your exact requirements. These are all programmed using Learn Mode and are stored in an internal, non-volatile memory so they are automatically recalled each time you use the unit, even if you swap computers.

To make changes to the settings, you must first go into Learn Mode. **Press and hold** the middle button until a warbling tone is heard. The unit is now in Learn Mode and is able to accept changes to the settings, as follows:

Cursor Speed

To change the speed setting while in Learn Mode, press the middle button briefly. Each time you do so, the unit emits a number of beeps, between 1 and 4. One beep indicates the lowest speed and 4 the highest. The speed of the cursor changes immediately, allowing you to experiment until the best setting is found.

Left-Handed Operation

The left and right buttons may be swapped around, which is particularly useful for left-landed users. To change this setting, press the left button while in Learn Mode. One beep indicates the unit is set to standard 'right-handed' mode, whereas two beeps indicates 'left-handed' operation.

Double Click

Right-click may be substituted with Double-Click, which is useful for users who have difficulty in double-clicking quickly enough for the computer to recognise. To change this setting, press the right button briefly while in Learn Mode. One beep indicates the unit is set to standard 'right-click' mode, whereas two beeps indicates 'Double-Click' operation.
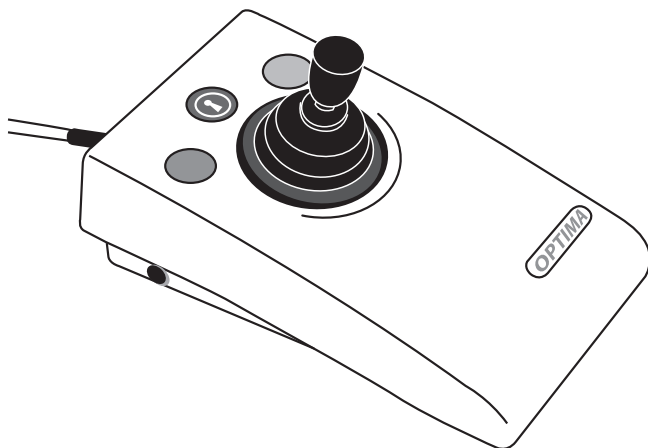
Buzzer On/Off

OPTIMA Joystick is fitted with a buzzer which gives an audible indication of operations such as drag lock and unlock, double-click, entering Learn Mode etc. When **OPTIMA Joystick** is used in a classroom setting, where there may be many units in close proximity, it may be beneficial to turn off the buzzer. To achieve this, **press and hold** the right button while in Learn Mode, until two long beeps are heard. The buzzer is now disabled, although it will still operate while in Learn Mode. Repeating the above operation will re-enable it.

All of the above settings may be changed as often as required while in Learn Mode, allowing you to experiment with the settings until the best configuration is found. Once you are happy with the settings, they may be stored in the non-volatile memory by **pressing and holding** the middle button once again, until the warbling tone is heard. Normal operation then resumes.

Note that if both left-handed operation and Double-Click are selected, the buttons will function as Double-Click, Drag and Left Click, reading from left to right.

Also note that the function of the sockets for external switches reproduces the function of the internal buttons, according to the above settings.

The unit automatically leaves Learn Mode, and any changes are discarded, if the settings remain unchanged for more than a minute.

Switching between Mouse and Game modes

Optima Joystick ships in Mouse mode, so it will work as a mouse equivalent straight out of the box. If the unit is instead required to be in Game mode, plug the unit into the computer and then press and hold both the red and yellow buttons continuously for around 12 seconds until you hear a beep. The unit has now switched to Game mode and will remain in this mode even if unplugged or moved to another computer.

To switch the unit back to Mouse mode, press and hold both the red and yellow buttons again for around 12 seconds until you hear a beep. It will now switch back to Mouse mode and will remain in this mode even if unplugged or moved to another computer.

Maintenance

Your **OPTIMA Joystick** has no user serviceable parts. If repair is necessary the unit should be returned to Pretorian Technologies Ltd or an authorised distributor.

Warranty

Your **OPTIMA Joystick** is warranted for 24 months from the date of purchase against defects in manufacture or component failure. The unit is designed for domestic, educational and commercial applications. Use outside these areas will invalidate the warranty. Unauthorised repair or modification, mechanical abuse, immersion in any liquid or connection to any equipment other than a host computer will invalidate the warranty.

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