

Pairing

Your **OPTIMAX JOYSTICK** uses a unique addressing system to ensure that there is no interference from neighbouring units. The Joystick transmits its data along with an address, and the Receiver unit only responds to that address.

To function correctly, both the Joystick and Receiver unit must use the same address. The process of negotiating an address is called 'Pairing' and once learned, both the Joystick and Receiver units will retain the information even when powered off or when changing the battery.

Your **OPTIMAX JOYSTICK** is supplied already paired but it may occasionally be necessary to go through the process again- for instance if a new Receiver is to be used with an existing Joystick unit or in the unlikely event that one half 'forgets' the address.

To Pair the units, use the following procedure:

1. Remove the battery compartment cover.
2. Place the Joystick within one metre (three feet) of the Receiver unit.
3. Press the button on the underside of the Receiver unit. The LED should flash.
4. Within 10 seconds, *briefly* press the button inside the battery compartment. It is not necessary to move the joystick.
5. After a short period the LED should light steadily for 5 seconds and cursor operation should resume. Replace the battery compartment cover.
6. If the LED stops flashing after around 15 seconds and does not light steadily, repeat the process from (3). If it is still not successful, please refer to the Troubleshooting section.



Troubleshooting

If your **OPTIMAX JOYSTICK** unit does not operate correctly, please use the following guide to determine the cause. If, after following this guide, your unit still does not operate, please contact your supplier before returning it:

Symptom	Possible cause/ Remedy
No cursor movement- LED remains lit	-Units are not Paired. Follow procedure in Pairing section.
No cursor movement- LED is not lit.	-Check USB or PS2 connection to computer. -Units may not be correctly Paired. Follow procedure in Pairing section.
Cursor movement is erratic or sporadic.	-Battery may be flat- replace. -Place Receiver unit away from metal objects and in view of Joystick operating area. -Out of range. Move Joystick closer to Receiver. -Interference from other radio equipment. Change channels by rebooting computer from cold.
Units will not Pair- LED is extinguished after 15 seconds and cursor does not move.	-Ensure that Joystick is held within one metre (one yard) of Receiver while Pairing. -Check battery- replace if flat.

Warranty

Your **OPTIMAX JOYSTICK** is warranted for 24 months from date of purchase against defects in manufacture or component failure. The unit is designed for domestic, educational, commercial and light industrial 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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Optimax Joystick



Product Description

Optimax Joystick is the first wireless joystick specifically designed for users with motor skill difficulties.

With an operating range in excess of 10 metres the **Optimax Joystick** can be used as either a desktop or hand-held unit and is ideal for use in team/group sessions, or classroom settings, to ensure everyone can participate.

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

Features

- State of the art radio link with an interference free operating range exceeding 10 metres.
- Uses 2.4GHz global, licence-free ISM radio band.
- Light touch joystick movement (0.5 Newtons).
- Receiver unit includes two additional sockets.
- Precise tracking and cursor control.
- Four cursor speed settings.
- Audible alert for speed setting.
- Large footprint for stability.
- Low profile providing a natural hand-rest for comfortable operation.
- Left/Right and Drag Lock buttons.
- Colour coded buttons mounted sub-flush to prevent accidental operation.
- Sockets in the joystick unit to operate Left/Right click buttons from remote switches.
- Typical 6 months battery life.
- Easy 'plug and play' installation (no additional drivers required).
- Auto detecting PS2 and USB protocols.
- PC and Mac compatible.

Compatibility

Optimax Joystick works with PS2 and USB compatible computers including the majority of Personal Computers (PCs) and Apple Macintosh computers.

Speed Control Setting

The **OPTIMAX JOYSTICK** has four cursor speed settings. To change cursor speed press and hold down the Drag Lock button until you hear a 'beep' and then release.

To reduce cursor speed, press the Left Click button (each press incrementally reduces the speed). To increase cursor speed, press the Right Click button (each press incrementally increases the speed).

Once you have selected the most suitable cursor speed, press and hold down the Drag Lock button until you hear a 'beep'. The cursor speed is now set.

Pack Contents

Carefully check the contents of the box, which are:

- Optimax Joystick unit
- Optimax Joystick Receiver unit with USB cable
- USB to PS2 adaptor plug
- T-Bar handle
- Soft ball handle
- Velcro mounting pad
- This manual



Installation

Ensure your computer is fully turned-off and not just in sleep mode.

Locate the relevant PS2 or USB socket on your computer and plug-in your **OPTIMAX JOYSTICK** Receiver unit (if you are using the PS2 socket on your computer you will need the USB/PS2 adaptor supplied).

To optimise the range of the radio link, do not place the Receiver unit behind your computer or close to large metal objects or sources of interference such as wireless network hubs, cellular telephones etc.

1. Invert the Joystick unit and remove the battery compartment cover using a screwdriver.
2. Connect a good quality 9-Volt PP3/6F-22 (or equivalent) battery (not supplied) to the battery connector. Alkaline batteries will give best battery life. Do not replace the battery compartment cover at this stage.
3. Turn on the computer and allow it to fully boot up. Check that the LED on the rear of the Receiver unit lights for a few seconds and is then extinguished. If it remains lit, refer to the 'Pairing' section.
4. Move the Joystick to check for cursor movement and then replace the battery compartment cover. Your **OPTIMAX JOYSTICK** is now ready for use. If there is *no cursor movement*, refer to the Troubleshooting section.

Maintenance

Your **OPTIMAX JOYSTICK** has no user serviceable parts. If repair is necessary the unit should be returned to Pretorian Technologies or an authorised Distributor.