



**THE SENSORY  
COMPANY**  
*refreshingly different*

# **DST TRACKERBALL USERS MANUAL**



# 1-Getting started

*We recommend that you read the whole manual to ensure you get the most from this unit and the DST system.*

**The following points are important for safety as well as for the smooth installation and performance of the unit**

- ✓ Unpack carefully and be sure that no damage has occurred during shipping.
- ✓ Ensure that no liquid or other objects can enter the unit. Dry the unit immediately should this happen.
- ✓ The unit does not contain any user serviceable parts. Never try to repair the unit yourself. Repairs carried out by non-approved personnel can lead to serious damage or malfunction and will void warranty. Please contact us for any technical assistance.
- ✓ When operated, the unit emits extremely short bursts of very low power radiation. Care should always be taken when using any electronic device in close proximity to sensitive medical equipment.

## 2-Main features

- Full 8 bit resolution X and Y axis position control
- Voltage: 9V DC Powered from a standard PP3 Battery
- The unit is a DST compatible DST Cause. It features full DST control of 7 colours plus white and blackout.
- Intelligent Microprocessor Control
- Trackerball position controller
- Trackerball sensitivity control
- Colour / Shape change compatibility with standard switching device through external 1/4" Jack Inputs

## 3-Battery

- Carefully remove the battery carrier on back of unit.
- Battery type PP3 9V: Replace old battery and push carrier back into its holder.

## 4-Controls

- Trackerball (White) located on top of unit, is used to change the position of any position sensitive DST Effect (Eg. The DST Scanner effect)
- Red On Button located on rear of unit, is used to switch the unit on. Unit automatically powers off after inactive period to preserve battery life.
- Status LED on rear of unit indicates the unit is on and flashes when the trackerball is moved and/or the internal or external colour switch (not included) is operated.
- Large push button on side of the unit and industry standard 1/4" Jack input on back of unit allows the user to select a colour / shape (if applicable) on any DST effect directly or using their favourite switch (not included).
- The sensitivity control on the back of the unit allows the user to alter the sensitivity of the trackerball to suit various levels of motor skills.

# 5-Modes of Operation

The unit can operate in full position and colour select mode or just colour change mode dependant upon which DST Effects are linked to the unit (see section 6 for details of how to link this unit to different DST Effects).

Both position controllable DST Effects (Ex. the DST Scanner) and non position controllable DST Effects (Ex. the DST Colour Changer) can interact simultaneously with this unit.

The external switch input can be used to change colour on all DST Effects linked to this unit, but only the position controllable DST Effects will respond to movement of the trackerball itself.

Experiment – the results can be quite stunning!!

# 6-DST

The DST (Digital Sensory Technology) system has brought an exciting new truly interactive dimension to multi-sensory.

In its basic form the DST system consists of two components, the DST Cause and the DST Effect. Any DST Cause can be linked to any number of DST Effects.

This unit is a DST Cause and will interact with any DST Effect it is linked to.

This creates a unique new dimension in which the user can interact with either a single item, as with traditional technology, or indeed every item in the room!  
The combinations and skills that can be developed are numerous.

## **So how do I link the Scanner to the DST Trackerball?**

Simply press and hold the red program button on the DST Scanner, while pressing the colour change switch on the side of this DST Trackerball unit.

The DST Scanner now interacts with this DST Trackerball unit!

## **Ok then, how do I link the DST Light Source to the DST Trackerball?**

Press and hold the red program button on the rear of the Light Source, whilst again pressing the colour select switch on the side of this DST Trackerball unit

The DST Light Source now interacts with the DST Trackerball (colour change only!) – Easy!

The same method is used to link this unit or indeed any DST Effect to any DST Cause. Just press and hold the red program button on the DST Effect, and operate the DST Cause you would like the DST Effect to interact with.

# 7-Unit Cleaning

The unit should be cleaned using a damp cloth. Do not use abrasive materials. Dry unit before operating

# 8-Troubleshooting

## *No response from DST Effect unit*

**Ensure the trackerball unit is switched on (LED light on back lit) using the On button on back of unit**

Ensure you have linked a DST Effect to respond to the this DST Trackerball – for the ball to create a response, unit must be linked to a DST position effects (Ex. the DST Scanner) (see DST section)

If DST Effect (unit you are trying to get a response from) still does not respond to the DST Trackerball, try linking the same DST Effect to a different DST Cause (cube, floor pad etc.)

If DST Effect responds to that different DST Cause, the battery in the DST Trackerball unit has probably expired. See Battery section.

If the DST Effect doesn't respond to the different DST Cause, the problem is probably with the DST Effect (check the relevant DST Effect manual)

For further requirements contact The Sensory Company technical assistance centre.

## **Notes:**

Manufactured in EC

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