



DST CUBE & SPEAKER USERS MANUAL



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LICENCE EXEMPT

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1-Getting started

Thank you for purchasing this product.
We believe DST will be the new standard in interactive
multi-sensory technology.

**This manual covers the DST Magic Cube, DST Speaker
with Fixed Sounds & DST Recordable Speaker.**

*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.
- ✓ Do not connect the device to any dimmer pack.
- ✓ If electrical work is required for installation, qualified personnel must only do this.
- ✓ Ensure that no liquid or other objects can enter the Speaker unit. Disconnect the unit immediately from the mains supply should this happen.
- ✓ In the unlikely event of Speaker malfunction, turn off the unit immediately. Never try to repair the unit yourself. Repairs carried out by non-approved personnel on either the Die or Speaker can lead to serious damage or malfunction and will void warranty. Please contact us for any technical assistance.
- ✓ Always remember to unplug the Speaker unit from the mains supply when not in use / before any servicing is done.

2-Main features

- Cube Voltage: 9V DC via standard PP3 Battery
- Speaker Voltage: 12VAC (using external Power Supply (supplied))
- The Magic Cube is DST compatible. It features 6 colour DST control.
- Intelligent Microprocessor Control
- Low Power CMOS Technology

3-Magic Cube Battery

- Unzip vinyl cover and remove foam plug to reveal control box
- **Note orientation of control box. If control box is replaced the wrong way, the colours / numbers will not correspond.**
- Remove control box, and open battery cover.
- Replace battery with a **PP3 Alkaline** type
- Replace battery cover and place control box back inside the foam cube with **battery cover facing upwards and nearest centre.**
- Replace foam plug and zip back up.

4-Speaker Controls

- On/Off button is located on front of unit.
- The Volume control located on front of unit should be adjusted to achieve a suitable sound level.
- The power supply input located on the rear, is used to power the unit. Use only the approved power supply.
- Power on LED is located on front of unit and is lit when the unit is powered up.
- Red record button on back of unit places the unit in record mode (Recordable Speaker Only)

5-What is DST?

The DST system has brought an exciting new truly interactive dimension to multi-sensory.

In its basic form the DST system consists of two components, the cause and the effect. Any cause can 'link' to any number of effects.

The DST Magic Die is a cause product and will control any DST effect or effects 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 are numerous.

So how do I link the DST Twirler effect with the DST Buttons?

Simply press and hold the red button on the back of the DST Twirler, while pressing any button on the DST buttons unit. The Twirler now responds to the buttons!

Ok then, how do I link the DST Twirler to the DST Magic Cube?

Again, press and hold the red button on the back of the Twirler, now turn the die over on to any colour. The Twirler now responds to the cube!

The same method is used to link this unit or indeed any DST effect to any DST cause. Just **press and hold** the program button on the effect and operate the cause product you would like the effect to link to. Cause + Effect = Interaction = Fun = Effective Learning!

6- Recording

This section applies to Recordable Speaker Only (unit with red record button located on the top)

To record your own message on the speaker follow the following simple steps:-

Before attempting to record messages, ensure the messages already recorded on the speaker can be heard when the cube is turned onto different sides!! If not, check the volume is up and light is lit on speaker. If all else fails, check troubleshooting section.

1. Place the magic cube on the side you wish to record your message (i.e. to record on the green side, place the cube green side up).
2. The message corresponding to this side will be heard from the speaker. (If no message has been recorded, this will be the factory set message).
3. Press and hold the Red record button on the back of the unit while directing your new message, or sound into the front of the speaker - *Recording starts straight away.*

Note – this will erase the message previously recorded to this side.

4. Release the record button. The Message you have just recorded will be heard from the speaker, and will be heard each time this side is selected on the cube.
5. If you are not happy with your recording, simply follow steps 3 + 4.

7-Initialisation

When the speaker unit is first powered up, it goes through an initialization routine where it resets the sound devices. Popping noises may be heard as the unit checks the amplification circuits. This is perfectly normal and will last approx. 6secs.

8-Cleaning

Both Magic Die and Speaker should be cleaned using a damp cloth. Do not use abrasive materials. Dry Speaker unit before plugging into mains supply.

9-Troubleshooting

No Sound from Speaker unit

Check 'Power on' LED is lit. If not check power supply and on/off switch. Ensure the mains supply is ok.

Check volume control is not at its minimum setting.

If all the above is ok, the battery in the Magic Die has probably expired (See Battery Section).

If battery is ok, try linking the cube to another DST effect, to isolate whether the problem is with the cube or the speaker.

Colour on DST effect changes in response to me turning over the cube, but colour is not correct

Check to ensure the orientation of the control box (situated inside the cube) is correct. The battery on the control unit should be facing up and toward the centre of the cube.

More great DST products to work with your new DST Magic Cube and Speaker

The following products will allow you to manipulate colour and light - as well as sound. All just using your new DST Magic Die!!!

Other DST Effects

DST Bubble Tube – Control colour & flow of bubbles

DST Fibre Optic Light Source – Bring your Fibre Optics to DST life!

DST Sound Board – 8 magnetic pictures & interchangeable sounds on a cartridge.

DST Twirler – Produce a stunning array of slowly rotating light.

DST Analogue – Interact with whatever you like, all using the DST system. You could control the bubbles in your Hydro Pool, the lighting in your room, even other manufacturers products!!

Other DST Causes

DST Buttons – Eight coloured push buttons, with external inputs to incorporate your favourite switches into the DST system.

DST MEGA Buttons – As above but with 5 user selectable programs: Momentary, Toggle, Latched, Passive & Racing Game.

DST Sound Activator – Allows sound to link with any effect, making any DST effect Sound Reactive. Great for promoting vocalization.

DST Water Switch – Control any of the above from your pool. The DST Water Switch is completely water proof and even submersible!!

Now there are no pipes or wires to the side of the pool.

We have many products and others planned for the future, which will all interact with your existing DST equipment, ensuring you of a sound investment

Manufactured in EC

The Sensory Company®
PO Box 44, Douglas IM99 3NJ, Isle of Man, UK

Tel: +44 (0) 845 838 22 33
Fax: +44 (0) 845 838 22 34
www.thesensorycompany.co.uk

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