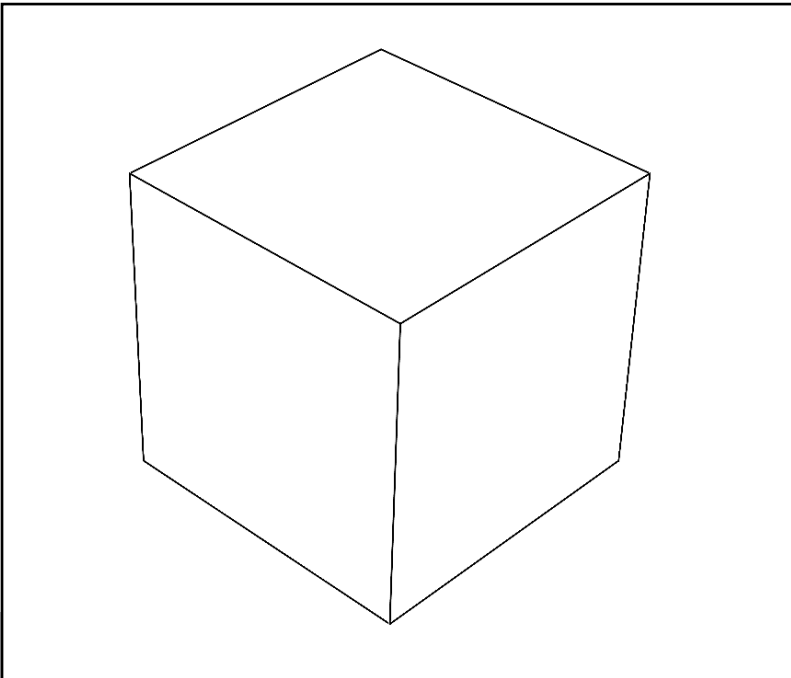




Life Changing Sensory Solutions For All

snoezelen®

INSTRUCTION MANUAL



TALKING CUBE

18870

01.

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02.

ABOUT THE PRODUCT

Product Description

The Talking Cube is a soft play cube that changes colours on Rompa® Wi-Fi compatible products when rolled. Its wireless design enhances sensory experiences, making it ideal for therapeutic and educational settings. Safe for all ages, it encourages exploration and supports various developmental goals in classrooms, therapy sessions, and at home.

User Benefits

- **Interactive Movement:** Its design allows for throwing and rolling, promoting gross motor movement and physical activity, which are essential for physical development.
- **Promotes Inclusivity:** The Talking Cube fosters inclusivity, choice, and control in learning environments. It can be personalized with sounds and pictures, ensuring that it meets the unique needs and preferences of every user.
- **Accessibility:** Carefully crafted to facilitate use for individuals with fine and gross motor skill difficulties or visual impairments, the cube is accessible to a wide range of users.
- **Wireless Activation:** The cube can activate individual products or all wireless devices in a room, such as bubble tubes, wall panels, and lighting, allowing for a cohesive sensory experience.
- **Customisable Features:** Its wireless nature enhances safety, and the cube is fully customisable for personalised learning, play, or therapeutic use.
- **Multi-Sensory Engagement:** As a multi-sensory product, the Talking Cube engages users visually, audibly, and tactilely, enriching the overall experience.
- **Sound Recognition:** The sounds produced can be used for sound recognition and discrimination, aiding in therapeutic applications by helping users adjust to varying levels of noise sensitivity.
- **Customisable Sides:** Each colorful side features a transparent pocket, allowing for customisation with pictures, symbols, photographs, and images, making it a versatile tool for communication and expression.

TECHNICAL SPECIFICATION

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Included Parts

Cube Specifications:

- Material: PVC (colours may vary, typically orange, yellow, green, purple, blue, red)
- Weight: Approximately 1.6 kg
- Foam: 30cmH x 30cmW x 30cmD

Power Supply (Black Plug):

- Input: 230v~50Hz (110v available)
- Output: 12v 300mA, double isolated (IP40)
- Usage: Indoor only, hard-wired cable

Transmitter (Box Inside Cube):

- Power: 9v DC, 0.1W, PP3 battery
- Range: Up to 100 m from receiver, including through obstacles
- Compliance: ETSI 300-220
- Frequency: 2.4 GHz
- Transmit Power: +0 dBm (approximately 0.001 Watts)

Specification

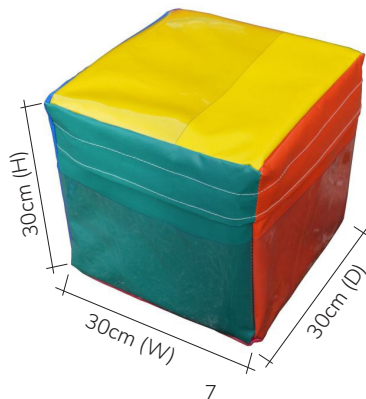
Control Box (Receiver):

- Input: 12v DC, 3.6W max
- Compliance: Europe ETSI EN 300-328, Japan ARIB STDT-66 Ver 3.7
- Weight: 270 g

Battery Life:

- Continuous Use (24 hrs/day): Approximately 4 days
- Normal Use (6 hrs/day): Approximately 16 days
- Sleep Mode: Approximately 20 days (activates after 10 seconds of inactivity)

Technical Specification



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SAFETY AND CARE

Product Safety and Care Instructions

Remove battery from the unit before recharging.

1. Gently lift the PVC flap around three sides of the cube to expose the zip.
2. Open the zip.
3. A slit will be visible in the foam inside the cube. Reach into the slit and pull out the box:



4. Turn the box over and slide the battery compartment lid off – an arrow indicates which way to remove this (shown below):



5. Remove the exhausted battery and replace with a new battery of the same specification:



6. Warning – do not attempt to access the interior of this box other than the deliberately accessible battery compartment.
7. Push the box back into the Talking Cube and close the zip. Make sure the box is put back in the correct way round – the letters indicate the correct orientation, e.g. “G” for “green” etc.



8. Carefully put the flap back over the zip.

To clean the PVC:

- Organise a regular cleaning schedule.
- Use a soft brush to remove all loose dust/dirt.
- Clean with a mild detergent (such as Lux soap flakes in luke-warm solution) applied to a sponge or damp cloth.
- This may be sanitised using a weak solution of Milton fluid.
- Do not use excessive amounts of water and always ensure the PVC is dry after cleaning.
- Do not use an abrasive cleaning pad.
- Do not use boiling/very hot water, washing up liquid / aggressive detergent or solvent based cleaner as this will cause the coating to discolour and go hard.
- Steam cleaning is not advised.
- Do not immerse in water.
- Use in dry environments.
- Remove the battery if the product will be out of use for long periods.
- Do not fix the control box to the wall – it is recommended that this be kept as a portable device rather than fixed down. If it is absolutely essential to attach it to a wall, mirror brackets should be used so it can be removed later if required.

Always supervise the use of this product.

- Clear a suitable space. Do not throw at people or objects.
- The power supply is for indoor use only.
- Warning - do not try to access the interior of the box.



ASSEMBLY & INSTALLATION GUIDE

05.

Product Assembly Guide/Installation

1. **Connect Power Supply:**

Plug the round tip of the power supply into the round socket at the top of the white control box, then plug the power supply into a mains wall socket.

2. **Turn On Control Box:**

Press down the volume knob on the control box until you hear a click to turn it ON.

Press again to turn it OFF. A light on the receiver box indicates the power switch status (ON/OFF). Ensure it is ON before use.

3. **Insert Battery in Transmitter:**

Place the 9v battery into the transmitter module and insert it into the cube, ensuring that the letters on the transmitter match the corresponding colors on the cube (e.g., "G" for Green).

4. **Turn On Transmitter:**

Switch the transmitter ON. The switch will show red when it is ON.

5. **Activate Sounds:**

Throw the Talking Cube to activate the recording of the uppermost side. Adjust the volume using the dial labeled 'Volume' on the top of the control box as needed.

6. **Sleep Mode:**

The transmitter in the Talking Cube will enter sleep mode after approximately one minute to conserve battery. It will still function through obstacles (e.g., if a person stands between the transmitter and receiver).

7. **Locate ON/OFF Switch:**

The ON/OFF switch for the transmitter can be accessed by slightly undoing the zip.

8. **Power Off After Use:**

Ensure all ON/OFF switches of the product are switched OFF after use. The light on the receiver will go out when it is OFF.

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USER GUIDE

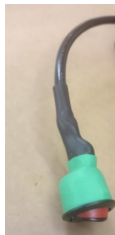
User Guide

Recording

1. Connect the round tip of the power supply to the round socket at the top of the white control box. Plug in at a mains wall socket.
2. Turn the control box ON – press down the volume knob until you hear a click (press it again to turn it OFF).
3. Make sure the switch on the cube itself is ON. It is switched ON when the switch shows RED.



4. The Talking Cube is supplied with a pre-recorded message on each side. To change this recording, place the cube so that the side you wish to associate a message to is facing upwards. Wait for the pre-recorded message to play before making your recording.



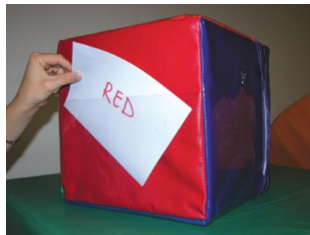
5. The control box should be approximately 30cm away from you, although this distance need not be precise as the recording volume will automatically adjust to account for the volume of your voice. When you are ready to record, press and hold the red record button (labelled 'Record') and wait for the red light.
6. Start talking immediately after the red light comes on. Release at the end of recording. You have a maximum of three seconds recording time for each side of the cube. Should your message exceed three seconds, the recording will simply stop – it will not run over to the recording time of another side. The red light above the record button indicates that the unit is recording.
7. The cube will immediately play back you're recording. Proceed with the recordings for the other sides or re-record your message as required.

Recording tips

- Start talking immediately after the red light comes on. A delay at the start of recording will result in a delay in the cube 'talking' when it settles after being thrown.
- If you don't like your recording, start again – you can re-record the message as often as you need to.
- Record in a quiet environment and avoid background noise – e.g. turn off the TV/radio, use a quiet room, close the window etc.

Recording suggestions

- COLOURS: corresponding to colour of the side.
- NAMES: the names of the people you are using the cube with for turn-taking.
- ACTIVITIES/EXERCISES: jump, blink, hop, kneel etc.
- NUMBERS: for early maths activities.
- ANIMALS: record corresponding sounds or the spoken name of the animal.
- LETTERS: for spelling games.
- Record in different languages for modern language practice.



Activity suggestions

1. Vary activities by using the transparent pockets on the sides to hold images, photographs, words etc (not included). Place any paper/card inside with care so as not to put strain on the transparent pockets. This are likely to become damaged if not handled with appropriate care.
2. The colours of the cube correspond with colours typically found on parachutes. Coordinate activities using such products simultaneously.

TALKING CUBE AS PART OF WI-FI

In conjunction with compatible Rompa® Wi-Fi products, the Talking Cube can be used as a switch. Not only will the cube tell you the colour on the uppermost face of the Cube (or play your recorded message), it will also change the colour of the Wall Panel displays, Milky Way Carpets, Star Cloths, bubble tubes and fibre optics around you to the colour of the uppermost face.

Troubleshooting

In the unlikely event of product failure, please check the following:

Problem: No sound

1. Does the volume need adjusting?
2. Does the battery need replacing?
3. Is the power supply correctly connected to the control box?
4. Is the power supply plugged in at the wall?
5. Is the power supply switched on at the wall?
6. If you took the transmitter out the cube, ensure you to put it back inside the cube.
7. Is the box inside the Cube fitted squarely inside the cube? Make sure it is not at an angle. If in any doubt, take out the box and make sure it works correctly by testing it on a flat table or floor. Make sure the box has been put inside the correct way round i.e. each labelled side next to the correct colour of the cube.
8. Switch off for 30 seconds minimum and then start up again. This will allow the product to reset itself.

No sound further troubleshooting steps:

Speaker module power

1. First ensure that the speaker module is powered on.
2. Ensure that the mains power cable is plugged into the speaker module and the other end is plugged into a wall socket:

Power on the speaker module

To do this press the volume control down, a red light should illuminate on the speaker module to indicate the module is powered on and a sound should come out of the speaker to indicate the speaker is working:



Check the talking cube module is powered on.



3. Then open the zip on the cube itself and ensure that the module inside is powered on via the switch on the module:



4. Now zip the cube back up with the module in and if you throw it on its side, it should say the name of the colour it has landed on.
5. If there is still no sound from the speaker, you may need to replace the battery inside the module inside the talking cube.

Steps to avoid battery draining

- It is important to turn off the switch on the module inside the cube when not in use for long periods to conserve battery life. Otherwise, if left on the battery can run down even if not used.
- If in the event the battery does need changing, follow the steps below.
- NOTE: It is a 9v battery that is required.

1. Unzip the cube and remove the module inside, turn the module over and look for the battery module at the bottom:



2. Slide the battery cover down to reveal the battery:



3. Gently remove the 9V battery:



4. Lift the battery out and disconnect the connector from the battery:



5. Connect the new replacement battery to the two contact points and place the battery back into the compartment.
6. Slide the cover over the battery.
7. Ensure that the module switch is in the on position and place the module back inside the talking cube.

If after ensuring that both the module inside the cube and the speaker is powered on and changing the battery inside the cube you still have no sound when changing which side is facing up on the cube, then it could be that the default voice messages recorded on the speaker have been overwritten by silence.

Recorded no message over default messages

Try and record a new message. Refer to 'User Guide' on page 15 to record a new message.

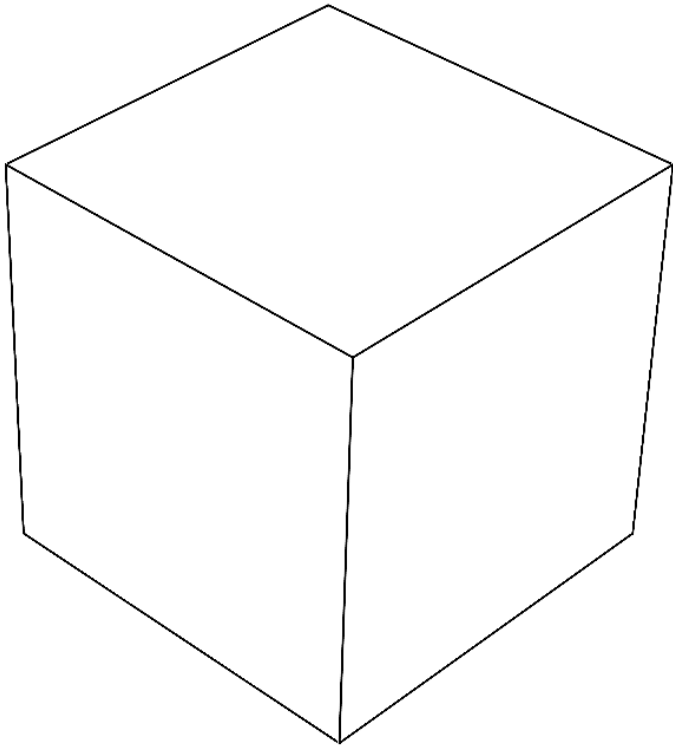
If there is still no sound coming from the speaker after trying the troubleshooting steps outlined above, then please contact Rompa® customer services on +44 (0) 1246 211 777

Serial number check

Both the speaker and the module inside the cube should have the same serial number:

If they do not have the same serial number, it means that the speaker has been paired with the incorrect module inside the cube, so will not play sounds when throwing the cube.





NOTES

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