

EX-Core User Manual



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1. Important Safety Instructions ⚠

General Use

- Use the device only in dry, clean, and well-ventilated environments. Maintain minimum clearance of 10 cm (top, rear, and sides) for proper ventilation.
- Keep away from heat sources, direct sunlight, strong vibrations, and water.
- Do not place objects on top of the device or cover it with cloths, paper, or other materials that may obstruct ventilation.
- Always switch the device off before storing.
- Handle with care: although the enclosure is robust, strong impacts may damage internal components.

Power Supply & Charging

- The device contains a rechargeable lithium-ion battery (single cell, 3.7 V, 7000mAh).
- Charging input: 5 V DC, max. 1 A.
- Only charge the device with high-quality, certified USB chargers.
- ⚠ Do not connect this device directly to a mains power socket using only a USB cable without a certified charger.
- Do not leave the device permanently connected to a charger during long-term storage.
- Never use higher input voltage than specified. Doing so may cause fire, injury, or device damage.
- If the battery shows signs of swelling, leakage, or overheating, stop using the device immediately and contact the manufacturer.
- The battery is not user-replaceable. Attempting to open or replace it may cause hazards and void warranty.

Wi-Fi & Radio Use

- This device includes a Wi-Fi module operating in the 2.4 GHz band with a maximum transmit power of ≤ 20 dBm.
- Wireless signals may interfere with medical equipment such as pacemakers or hearing aids. Consult your physician before use if you have such devices.
- Do not operate the device in environments where wireless transmission is restricted (e.g., airplanes, hospitals, explosive atmospheres).

Recycling & Disposal

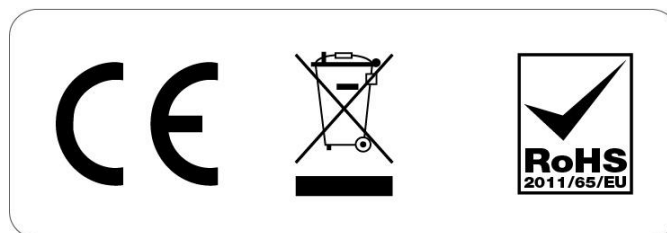
- Electronic equipment must be collected and recycled separately in accordance with the **WEEE Directive (2012/19/EU)** and local laws.
- Do not dispose of this device with household waste
- Return the product to designated collection points for proper recycling and recovery.
- The internal lithium-ion battery must not be incinerated or placed in domestic waste.

Compliance & Legal Information

- EU Compliance: This product complies with the essential requirements of the Radio Equipment Directive (2014/53/EU), RoHS Directive (2011/65/EU), and Low Voltage Directive (2014/35/EU).

2. Product specifications

Model name	EX-Core
Dimensions (Width x Height x Depth)	47cm x 35cm x 16.5cm
Weight	7,2 kg
Tilt Range	45°
Operating Temperature	-5°C to 45°C
Operating Humidity	< 80%
Battery charge input power	5V DC
Battery capacity	7000 mAh



Manufacturer Information


- Manufacturer: **Room Jack Heroes Emil Cychlik**
- Address: **Jugosłowańska 20A, 70-842 Szczecin, Poland**
- Model: **EX-Core**
- Contact: **Whatsapp +48 575 070 495 / hello@casecoregames.com**

1. Operating the Device

- **Power On:** Press the **metal button labeled “Power”** on the back of the case **once**.
 - **Power Off:** Press the same button **twice**.
 - Once powered on, the currently selected game will automatically load and start.
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Connecting to Wi-Fi for Settings Configuration

1. Power on the device.
2. On your phone or laptop, connect to the Wi-Fi network:
 - **Network Name (SSID):** *EX-Core-Setup*
 - **Password:** *excore123*
3. The backlight should change to blue and you should hear a connection sound.
4. Open a web browser and enter the following address:
 - <http://192.168.4.1>

 *If your device indicates that there is “no internet access,” simply ignore this message. This is normal, as the EX-Core is not connected to the internet.*

Troubleshooting

- **Wi-Fi network not visible**
 - Ensure the device is powered on.
 - Wait up to 30 seconds after powering on for the Wi-Fi network to appear.
 - If still not visible, restart the device and refresh the Wi-Fi list on your phone or laptop.
- **Unable to open the configuration page**
 - Confirm you are connected to the **EX-Core-Setup** Wi-Fi network. Your device might switch back to different Wi-Fi that has internet access automatically!
 - Make sure you typed the address exactly as shown: **http://192.168.4.1** (do not add “www”).
 - Refresh the page by pressing F5 on PC or pulling the screen down on your mobile device.
 - If the page still does not load, try a different browser or device.
- **Device does not respond**
 - Power the device off by pressing the power button twice, wait 10 seconds, and power it on again.
 - If the issue persists, contact technical support.

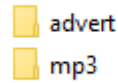
Managing Audio Files



All audio files used by the device are stored on a **mini USB flash drive**, which must remain connected to the back panel of the case at all times.

To edit or replace audio files:

1. Remove the USB flash drive from the device.
2. Insert it into a USB port on your computer.
3. Inside, you will find two folders: **advert** and **mp3**.



⚠ Important: Before making any changes, copy both folders to your computer as a backup. If needed, the original default sound files are available for download on our website under the *Support* section.

The folder structure on the USB flash drive must always remain the same: it must contain both **advert** and **mp3** folders. Each audio file must follow the predefined naming template. If files are incorrectly named or replaced with random files, the system will not recognize them and the audio will not function properly.

Default File Structure:

mp3 folder (5 files):

- 0001 .mp3 – Ambience sound
 - This track should be as long as the duration of your game. It plays continuously as background music and will pause when other sound effects are triggered, resuming once they are finished.
 - **⚠ Important:** If you do not want background music, you must still place a file here (for example, a silent **.mp3**). Without it, other sound effects will not be triggered correctly.
- 0002 .mp3 – Victory sound
- 0003 .mp3 – Game Over sound
- 0004 .mp3 – Bluetooth connected sound (*technical feedback only*)
- 0005 .mp3 – Setting changed sound (*technical feedback only*)

advert folder (interaction sounds):


- 0001 .mp3 – Mistake sound
- 0002 .mp3 – Clue card sound
- 0003 .mp3 – Welcome sound (on start)
- 0010 .mp3 – Solved sound - Padlock Stop Button
- 0011 .mp3 – Trigger sound
- 0012 .mp3 – Solved sound - Toggle Switches
- 0013 .mp3 – Trigger sound - Toggle Switches
- 0014 .mp3 – Solved sound - Potentiometers - “Radio panel”
- 0015 .mp3 – Trigger sound - Potentiometers - “Radio panel”
- 0016 .mp3 – Solved sound - Keypad
- 0017 .mp3 – Trigger sound - Keypad
- 0018 .mp3 – Solved sound - Knob and Buttons
- 0019 .mp3 – Trigger sound - Knob and Buttons
- 0020 .mp3 – Solved sound - Wires
- 0021 .mp3 – Trigger sound- Wires

Battery and Charging Instructions

Important:

This device contains a built-in **Li-ion battery**, which must be handled with care. Always follow all safety instructions listed in this manual when charging, storing, or operating the device.

Charging the Battery

1. To charge the battery, use the provided **USB-DC cable** together with a standard USB charger (such as those used for phones or other 5 V devices). The charger is not included due to differences in electrical outlets worldwide.
 - Connect the **DC barrel jack** to the input port on the back of the case.
 - Connect the **USB plug** to your charger.
2. When power is supplied to the charging circuit, the **orange LED** on the panel will light up.
 -  This is **not** a charge-complete indicator.
3. Typical charge time for a full battery is around **8 hours**.

Checking Battery Level

1. Disconnect the charging cable.
2. Turn on the device.
3. The battery level indicator, located next to the charging port, will display the current charge status.

The indicator stages are as follows:



- **Red outline only** – Battery almost discharged (<25%)
- **1 bar** – ~25%
- **2 bars** – ~50%
- **3 bars** – ~75%
- **4 bars** – 75-100% (fully charged)