



USER MANUAL



PGB™



www.pgb.com

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HAZARDS & WARNINGS

- **Data Loss**



- **Risk:** Removing the memory stick or turning off the PGB while saving or loading content may result in data corruption or loss.
- **Precaution:** Wait until saving or loading operations are complete before removing storage media or powering off the device.

- **Choking Hazard**



- **Risk:** Small parts such as memory sticks, cartridges, or removable covers can pose a choking hazard for young children.
- **Precaution:** Keep small parts out of the reach of children under three years old. Supervise their use of the device.

- **Fire Hazard**



- **Risk:** Improper charging or using a damaged battery can cause overheating and fire.
- **Precaution:** Only use the official charger provided. Do not leave the device unattended while charging, and avoid exposing it to flames or heat sources.

- **Fragile Component Alert**



- **Risk:** The screen or casing may crack if exposed to excessive pressure or sharp objects.
- **Precaution:** Do not place heavy objects on the device. Keep it away from sharp tools and protect it during storage.

INTRODUCTION

Welcome to the PGB Portable Game Box user manual! This innovative device is designed to provide you with an immersive and engaging gaming experience, offering a blend of portability and performance. Whether you're at home or on the go, the PGB delivers exceptional entertainment, bringing your favourite games to life with stunning graphics and seamless gameplay.

To ensure optimal performance and your safety, please read this manual thoroughly before using the device. Inside, you'll find important information on setting up, operating, and maintaining your Portable Game Box. Following these guidelines will help you get the most out of your gaming experience while safeguarding your device.

Please keep this manual for future reference, and do not hesitate to contact customer support if you encounter any issues. Enjoy your gaming journey with the Portable Game Box!

SAFETY WARNINGS

PROTECT YOURSELF WHILE USING THE PGB®

1. Take Breaks to Avoid Eye Strain

- Playing games for hours without a break can hurt your eyes and make them feel tired.
- **What to Do:** Every hour, take a **15-minute break**. Look away from the screen and focus on something far away, like a window or distant object.

2. Stretch Your Hands and Wrists

Long gaming sessions can make your hands cramp or feel stiff.

What to Do:

Pause every hour to stretch your fingers and wrists. Roll your wrists in circles and shake out your hands to keep them relaxed.

3. Play in a Bright Room

Playing in a dark room can cause your eyes to strain more and may lead to discomfort.

4. Watch Out for Flashing Lights in Games

Some games have flickering or strobe effects, which can cause dizziness, nausea, or even seizures for some people.

What to Do:

If you feel uncomfortable, dizzy or nauseous, **stop playing immediately**. Rest until you feel better, and tell an adult if symptoms continue.

5. Use Headphones Responsibly

Listening to loud audio for too long can damage your hearing. Keep the volume at a moderate level. If your ears feel sore or you hear ringing, stop using the headphones and give your ears a break.

PROTECT YOUR PGM® FROM DAMAGE**6. Don't Drop It**

The PGB is delicate and dropping it can crack the screen or damage the internal components.

7. Avoid Overheating

Using the PGB for long periods or covering it with fabric (like putting it under a pillow) can make it overheat.

What to Do:

Play in a well-ventilated area. If the PGB feels too warm, stop using it and let it cool down before playing again.

8. Keep It Away from Water

Electronics and water don't mix! Even small amounts of moisture can damage the PGB permanently.

What to Do:

Never use it near pools, sinks, or drinks. If it accidentally gets wet, turn it off immediately and let it dry for several hours before turning it back on.

9. Protect the Screen

The PGB's screen is made of glass, which can crack or scratch if not handled properly.

10. Keep the Ports and Buttons Clean

Dust and dirt can build up in the charging port, headphone jack, or buttons, making them less responsive.

What to Do:

Use a soft, dry cloth or a cotton swab to clean these areas occasionally. Avoid using liquids or sprays.

STAY SAFE WITH THE CHARGER AND POWER SUPPLY

11. Only Use the Official Charger

Third-party chargers might be unsafe and can cause overheating or damage your PGB.

12. Don't Charge Near Water

Plugging in your PGB near water increases the risk of electrical shock.

13. Avoid Overcharging

Leaving your PGB plugged in for too long after it's fully charged can reduce the battery's lifespan.

14. Unplug During Storms

Charging your PGB during a thunderstorm can be risky if there's a power surge.

ADDITIONAL HEALTH AND SAFETY CONSIDERATIONS

15. Avoid Playing While Tired

Playing can make you more prone to making mistakes or straining your eyes when you're sleepy.

16. Don't Use While Moving

Using your PGB while walking, riding a bike, or driving is extremely dangerous.

17. Keep Small Parts Away from Kids

Memory sticks and UMDs are small and could be a choking hazard for younger children.

18. Watch for Signs of Overheating

If the PGB or its charger feels unusually hot, it might be overheating.

What to Do:

Stop using it, unplug it from the wall, and let it cool down. Avoid using it until you're sure it's working normally.

GETTING STARTED

<<tbf>>

UNBOXING YOUR PGB

Your PGB package includes:

- The PGB Portable Game Box
- USB-C Charger
- Quick Start Guide
- Warranty Card

CHARGING AND POWER ON

1. Connect the USB-C charger to the device.
2. Charge until the battery indicator turns green (approximately 2 hours).
3. Press and hold the power button for 3 seconds to turn on the device.

INSTRUCTIONS

Your PGB is a portable gaming system that also lets you listen to music, watch videos, and view photos. Here's how you can make the most of it:

1. CHARGING YOUR *PGB*

- **What to do:**

Plug the supplied AC adapter into the charging port on your PGB , then connect the other end to a power outlet. While it's charging, an **orange light** will show. Once it's fully charged, the light turns off.

- **Alternative Charging:**

You can also charge the PGB by connecting it to a computer with a USB cable, but this takes longer and doesn't work during gameplay.

Tip: Don't let your PGB battery fully drain often—it's better to charge it before the battery gets too low to keep it healthy.

2. TURNING THE PGB ON AND OFF

- **Turn On:**

Slide the **POWER/HOLD switch** (on the right side) to the right. A green light will come on, and the screen will light up.

- **Turn Off:**

Slide the switch to the right and hold it for **three seconds**. This shuts down the system completely.

- **Sleep Mode:**

If you just slide the switch quickly, the PGB enters sleep mode, which pauses your game or video. Slide it again to wake it up.

Why use Sleep Mode? It saves battery life and lets you resume where you left off.

3. USING THE MENU (OMB™)

The PGB's menu is called the **OceanMediaBar** (OMB™). It's like a control center where you can navigate categories:

- **Games:** Play UMD discs or games saved on your Memory Stick Duo™.
- **Videos, Music, and Photos:** Access files stored on the Memory Stick Duo™.
- **Settings:** Customize things like brightness, parental controls, and sound.

How to Navigate:

- Use the **left and right arrows** on the directional pad to pick a category (e.g., "Games").
- Use the **up and down arrows** to scroll through items in that category.
- Press **O** to select an item, and **X** to go back.

Example: To play a game:

1. *Insert the UMD disc into the back slot.*
2. *On the OMB menu, go to the **Game** category.*
3. *Select the UMD icon, press **O**, and your game starts!*

4. PLAYING GAMES AND MEDIA

- **Games:**

Insert a UMD game disc into the back slot. Make sure it clicks into place, then close the lid securely.

- **Videos, Music, or Photos:**

Save these files onto a **Memory Stick Duo™** using a PC. Then insert the

memory stick into your PGB. Navigate to the right category in the OMB menu, find your file, and press **O** to play it.

***Tip:** Don't remove the UMD or Memory Stick Duo™ while they're in use—it can damage files or the device.*

5. PARENTAL CONTROLS

- Parents can block certain games or content based on age ratings. To set this up:
 1. Go to **Settings > Security Settings > Parental Control Level**.
 2. Enter the password (default: **0000**) to access the settings.
 3. Choose a restriction level (higher numbers mean fewer restrictions).

***Example:** If a game is rated for ages 15+, setting the parental control level to 14 will block it.*

6. SOFTWARE UPDATES

Updating your PGB keeps it running smoothly and allows you to play newer games.

- Use a UMD disc with the update data or download updates via a PC. Follow on-screen instructions and make sure your battery is charged!

TROUBLESHOOTING

The following are some scenarios that are included in troubleshooting.

1. THE PGB DOESN'T TURN ON

- **Possible Cause:** The battery might be completely drained.
- **Fix:**
 - Plug it into the wall with the AC adapter and charge it for at least 30 minutes before trying again.
 - If charging doesn't work, check if the charging light (orange) turns on when plugged in. If not:
 - Ensure the adapter is properly connected to the wall and PGB.
 - Try a different power outlet.
 - If it still won't work, the battery may be damaged or need replacement.

2. IT'S NOT CHARGING PROPERLY

- **Possible Cause:** The charging port, AC adapter, or USB cable may have an issue.
- **Fix:**
 - Make sure the charging port on your PGB isn't dusty or dirty. Gently clean it with a soft, dry cloth.
 - Check the cable and adapter for damage. If you see any frayed wires or bent pins, replace them.

3. THE SCREEN IS TOO DARK OR NOT SHOWING ANYTHING

- **Possible Cause:** Power Save Settings may have dimmed or turned off the screen automatically.
- **Fix:**
 - Press the brightness button (the sun icon near the screen) to adjust it.
 - Check **Settings > Power Save Settings** to adjust the auto-dim or sleep settings.
 - If the PGB was exposed to extreme cold or heat, let it return to room temperature and try again.

4. THE GAME DISC OR MEMORY STICK ISN'T WORKING

- **Game Disc Issues:**
 - **What to Check:**

Is the UMD scratched or dusty? Gently wipe it with a clean, soft cloth.
 - **What to Do:**

Make sure the UMD is inserted correctly, and the disc cover is closed securely. If the problem persists, the UMD drive may need repair.
- **Memory Stick Issues:**
 - **What to Check:**

Is it inserted the right way? Try reinserting it carefully.
 - **What to Do:**

If the memory stick is still not recognized, reformat it using the PGB

settings menu (**System Settings > Format Memory Stick**). **Note:** Reformatting erases everything on the stick.

5. NO SOUND OR POOR SOUND QUALITY

- **Fix:**
 - Press the **volume + button** on the side to raise the sound.
 - If headphones are plugged in, ensure they are fully inserted. Try using a different pair of headphones to rule out damage.
 - Go to **Settings > Sound Settings > AVLS (Automatic Volume Limiter System)**. If it's on, it limits the maximum volume. Turn it off for louder sound.

6. BUTTONS OR ANALOG STICK AREN'T WORKING PROPERLY

- **Fix:**
 - Move the analog stick in a full circular motion several times to realign it.
 - Check for dirt or dust stuck under buttons and clean gently with a soft cloth.
 - If a button is stuck, don't force it. Contact support for repairs.

7. THE PGB FREEZES OR BECOMES UNRESPONSIVE

- **Fix:**
 - Hold the **POWER/HOLD switch** to the right for 3-5 seconds to force it to shut down. Then restart it.
 - If it keeps freezing, check if the software needs an update (**Settings > System Settings > System Update**).

8. THE PGB IS OVERHEATING

- **Possible Cause:**

Using the PGB for long hours or in a hot environment.
- **Fix:**
 - Turn off the PGB and let it cool down in a shaded, well-ventilated area.
 - Avoid playing while it's charging, as this generates extra heat.

9. FORGOT YOUR PASSWORD

- **Fix:**
 - Go to **Settings > System Settings > Restore Default Settings**. This resets the password to **0000** but also clears custom settings.
-

Frequently Asked Questions (FAQs)

Q: Can I connect my PGB to a TV or external monitor?

A: Not currently, but an HDMI-compatible dock is planned for future releases.

Q: Does the PGB support wireless controllers?

A: Yes, you can connect Bluetooth controllers for multiplayer games or enhanced gameplay.

Q: How can I transfer files to my PGB?

A: Use the USB-C cable to connect your PGB to a computer. Files can be dragged and dropped onto a compatible Memory Stick Duo™.

Q: Can I customize the controls for games?

A: Yes, the PGB allows you to remap buttons for supported games. This can be done via *Settings > Control Configuration*.

Q: Is there a way to back up saved games?

A: Yes, save data can be backed up to a Memory Stick Duo™ or transferred to a PC through the USB-C connection.

Q: Does the PGB have an online store for downloading games?

A: Not yet, but Gameboy Industries plans to introduce a digital store accessible via Wi-Fi in upcoming updates.

Q: Can I use my PGB while it's charging?

A: Yes, but charging may take longer, and the device might become warm with extended use.

Q: What should I do if my PGB freezes during a game?

A: Slide and hold the POWER/HOLD switch to force a restart. No data will be lost if the game was recently saved.

Q: How do I clean my PGB screen?

A: Use a microfiber cloth to gently wipe the screen. Avoid using liquid cleaners or abrasive materials.

Q: What's the warranty period for the PGB?

A: The PGB comes with a 12-month limited warranty that covers manufacturing defects but excludes accidental damage.

Glossary

- **AC Adapter:** A power supply device used to charge your PGB via a wall outlet.
- **AVLS (Automatic Volume Limiter System):** A feature that limits the maximum audio volume to protect your hearing.
- **Brightness Button:** A button near the screen that allows you to adjust the screen brightness.
- **Directional Pad (D-Pad):** A four-way controller used for navigation and gameplay.
- **Firmware:** The software programmed into the PGB that controls its functionality.
- **Memory Stick Duo™:** A type of memory card used to store games, videos, music, and photos on the PGB.
- **OceanMediaBar (OMB™):** The main menu system of the PGB that organizes games, media, and settings.
- **Parental Controls:** A feature that allows parents to restrict access to certain games or media based on age ratings.
- **Sleep Mode:** A low-power state that pauses activity on the PGB without shutting it down completely.

- **UMD (Universal Media Disc):** A disc format used to store games and media for the PGB.
 - **USB-C:** A standard connector used for charging the PGB and transferring data.
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Appendices

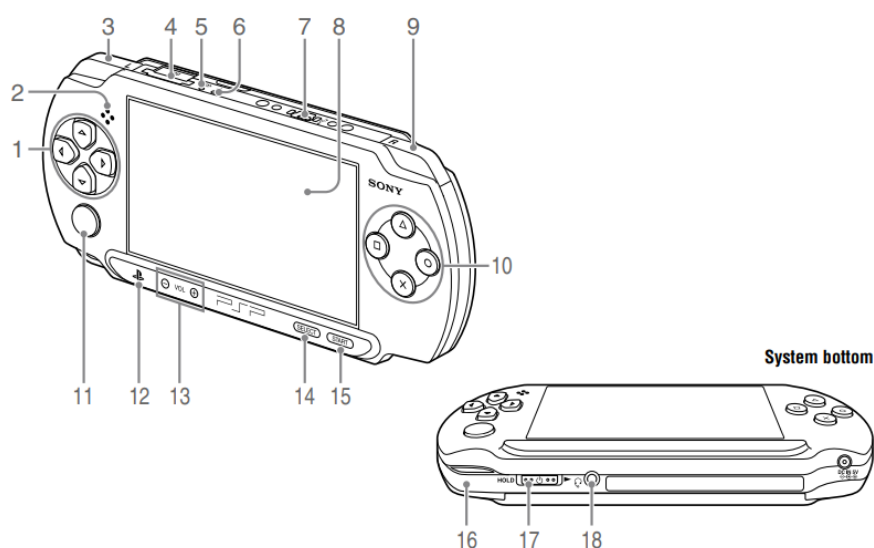
Technical Specifications

- **Resolution:** 1920 x 1080 pixels (1080p), providing full HD visuals for crisp and detailed graphics.
- **Touchscreen:** Capacitive multi-touch functionality (planned for future updates).
- **Expandable Memory:** Supports Memory Stick Duo™ cards up to 256GB for additional storage.
- **Audio Features:**
 - Built-in stereo speakers for clear, immersive sound.
 - AVLS (Automatic Volume Limiter System) for hearing protection.
- **Processor:** Custom quad-core processor for smooth performance and multitasking.
- **Graphics:** Integrated GPU for high-quality rendering, including support for 3D visuals.
- **Operating System:** GameOS v3.2 featuring the OceanMediaBar (OMB™).
- **Dimensions:**
 - Size: 180mm x 80mm x 15mm (L x W x H).
 - Weight: 250g, lightweight and portable.
- **Durability:** Scratch-resistant glass screen and shock-absorbing shell for enhanced protection.
- **Sensors:**

- Accelerometer and gyroscope for motion-sensitive controls.
- Ambient light sensor for automatic brightness adjustment.

VISUAL GUIDES

Device Overview



1 Directional buttons

2 Speaker

3 L button

4 Memory Stick PRO Duo™ slot

5 Memory Stick PRO Duo™ access indicator

Lights up when data is being read or written from Memory Stick Duo™ media

Notice

When the Memory Stick PRO Duo™ access indicator is lit, do not eject the Memory Stick Duo™ media, turn off the system, or put the system into sleep mode, as doing so may cause data loss or corruption.

6 POWER indicator

○ Solid green

Power on

● Solid orange

Charging

● Flashing green

Charge level low

● Light off

Power off/In sleep mode

7 USB connector

8 LCD screen

9 R button

10 △ button, ○ button, × button, □ button

11 Analog stick

For use with games that support analog stick operation

12 PS button

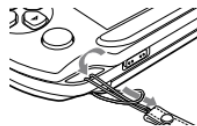
13 Volume button

14 SELECT button

15 START button

16 Strap holder

Attach a strap (sold separately) as shown below.



17 POWER/HOLD switch

Slide right

Turn the system on and off (→ page 15).

Slide left

Lock the system buttons.

18 Headset connector

Menu Navigation



Game

Play games



Video

Watch video



Music

Listen to music



Photo

View photos



Extra

View comics



Settings

Adjust PSP® system settings