

Retro-Bit rb-uni-28

Retro-Bit SEGA Saturn PRO 2.4GHz Wireless Pro Controller User Manual

Model: rb-uni-28 | Brand: Retro-Bit

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Retro-Bit SEGA Saturn PRO 2.4GHz Wireless Pro Controller. This controller is designed to enhance your gaming experience across multiple platforms, including SEGA Saturn, PC, Mac, and Nintendo Switch, offering modern features while retaining the classic feel.

2. PRODUCT FEATURES

- **Multi-Compatibility:** Includes dedicated SEGA Saturn and USB wireless receivers for broad compatibility.
- **Precision Controls:** Features dual Hall Effect analog sticks for enhanced durability and precise input.
- **Advanced Functionality:** Incorporates dual analog rumble motors for immersive feedback, four shoulder buttons, and dedicated Home and Select buttons.
- **Rechargeable Battery:** Equipped with a built-in 500 mAh battery and a USB-C fast charging port. A 3ft/1m USB-C to USB charge cable is included.
- **3D Control Pad Support:** Enabled by macro via the console receiver for compatible games.

3. PACKAGE CONTENTS

- Retro-Bit SEGA Saturn PRO 2.4GHz Wireless Pro Controller
- SEGA Saturn 2.4GHz Wireless Receiver
- USB 2.4GHz Wireless Receiver
- USB-C to USB Charge Cable (3ft/1m)



Image: The included SEGA Saturn and USB wireless receivers.

4. CONTROLLER LAYOUT

The Retro-Bit SEGA Saturn PRO controller features a familiar layout with modern enhancements. Below is a general overview:



Image: Front view of the Retro-Bit SEGA Saturn PRO Wireless Controller.

- **D-Pad:** Directional input.
- **Action Buttons (A, B, C, X, Y, Z):** Standard gaming inputs.
- **Analog Sticks:** Dual Hall Effect analog sticks for precise 3D movement.
- **Start Button:** Game start/pause.
- **Home Button:** System menu access.
- **Select Button:** Additional game functions.
- **Shoulder Buttons (L, R, ZL, ZR):** Four shoulder buttons for expanded control.
- **USB-C Port:** For charging the controller.



Image: Top view highlighting the shoulder buttons and USB-C charging port.

5. SETUP AND CONNECTION

Your controller comes with two receivers for different platforms.

5.1. Connecting to SEGA Saturn Console

1. Insert the SEGA Saturn 2.4GHz Wireless Receiver into a controller port on your SEGA Saturn console.
2. Power on your SEGA Saturn console.
3. Turn on the Retro-Bit controller. The controller should automatically pair with the receiver. An indicator light on both the controller and receiver will confirm a successful connection.

5.2. Connecting to PC, Mac, or Nintendo Switch

1. Insert the USB 2.4GHz Wireless Receiver into an available USB port on your PC, Mac, or Nintendo Switch dock.
2. Power on your device.
3. Turn on the Retro-Bit controller. The controller should automatically pair with the USB receiver. An indicator light on both the controller and receiver will confirm a successful connection.
4. For PC/Mac, ensure necessary drivers are installed if prompted by your operating system.



Image: The controller is compatible with USB-enabled devices via the USB receiver and SEGA Saturn consoles via the console receiver.

6. CHARGING THE CONTROLLER

The controller features a built-in 500 mAh rechargeable Li-ion battery. To charge:

1. Connect the included USB-C to USB charge cable to the USB-C port on the front of the controller.
2. Connect the other end of the cable to a powered USB port (e.g., computer, USB wall adapter).
3. The charging indicator lights on the controller will show the charging status. Once fully charged, the lights will indicate completion or turn off.



Image: The controller is rechargeable via its USB-C port.

7. FIRMWARE UPDATE

It is highly recommended to update the controller's firmware before initial use to ensure optimal performance and access to the latest features.

Instructions for the firmware update can be found on the official Retro-Bit website under the Support section.

Visit: retro-bit.com/support

FIRMWARE UPDATE
SEGA SATURN® PRO CONTROLLER

CONSOLE RECEIVER UPDATE
retro-bit.com/support

© SEGA

Image: Firmware update information, directing users to the Retro-Bit support website.

8. TROUBLESHOOTING

- **Controller Not Connecting:** Ensure both the controller and receiver are powered on and within range. Check that the correct receiver is used for the intended console/device. Try re-pairing by pressing the sync buttons on both the controller and receiver.
- **Input Lag or Disconnections:** Ensure there are no major obstructions or sources of interference (e.g., other 2.4GHz devices, large metal objects) between the controller and receiver. Ensure the controller is fully charged.
- **Analog Stick Dead Zone/Inaccuracy:** If experiencing issues with analog stick responsiveness or large dead zones, ensure the controller's firmware is updated to the latest version. On PC, you may need to calibrate the controller through your operating system's game controller settings.

- **Controller Not Charging:** Verify the USB-C cable is securely connected to both the controller and a powered USB source. Try a different USB port or cable.

9. SPECIFICATIONS

Model Name	rb-uni-28
Brand	Retro-Bit
Connectivity Technology	USB, 2.4GHz Wireless
Compatible Devices	SEGA Saturn, PC, Mac, Nintendo Switch, other USB-enabled devices
Controller Type	Gamepad
Power Source	Battery Powered (500 mAh Li-ion)
Item Weight	0.39 Kilograms
Button Quantity	6 (face buttons) + 4 (shoulder buttons) + D-Pad + 2 Analog Sticks + Home/Select
Additional Features	Dual Hall Effect Analog Sticks, Dual Analog Rumble Motors, USB-C Charging

10. CARE AND MAINTENANCE

- Keep the controller and receivers dry. Avoid exposure to moisture or extreme temperatures.
- Clean the controller with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Store the controller in a safe place when not in use to prevent damage.
- Charge the controller regularly to maintain battery health, even if not used frequently.

11. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official product video showcasing the features and design of the Retro-Bit SEGA Saturn PRO controller.

12. SUPPORT AND WARRANTY

For technical support, troubleshooting assistance, or warranty information, please visit the official Retro-Bit support website:

Website: retro-bit.com/support

Please retain your proof of purchase for any warranty claims.