Manuals+ — User Manuals Simplified.

YS62 Wireless
Retro Controller

iStar YS62 Wireless Retro Controller User Manual

Contents

iStar YS62 Wireless Retro Controller

Product Specifications

- **Category:** Gaming Controller
- **Connection:** Wireless
- **Frequency:** Bluetooth
- **Lighting:** LED indicators for pairing/sleep mode
- **Battery:** Rechargeable
- **Playing Time:** Not specified
- **Materials:** TPU + ABS
- **Mechanical Buttons:** A/B/X/Y/Z/R/ZL /ZR
- **Non-Mechanical Buttons:** MR/ML/XR/XL
- **Hall-Effect Sensors:** Left & Right Joysticks

Product Usage Instructions

Connecting to Android Device:

- Go to Bluetooth settings on your Android device.
- Press and hold A button + HOME button on the controller for 3 seconds.
- LED2 and LED3 will flash quickly; once connected, they will remain on.

Connecting to Nintendo Switch:

- Select Controllers, then Change Grip/Order on the Nintendo Switch.
- Press and hold Y button + HOME button on the controller for 3 seconds.
- LED1-LED4 will wave flash; one LED will remain on to indicate the player number.

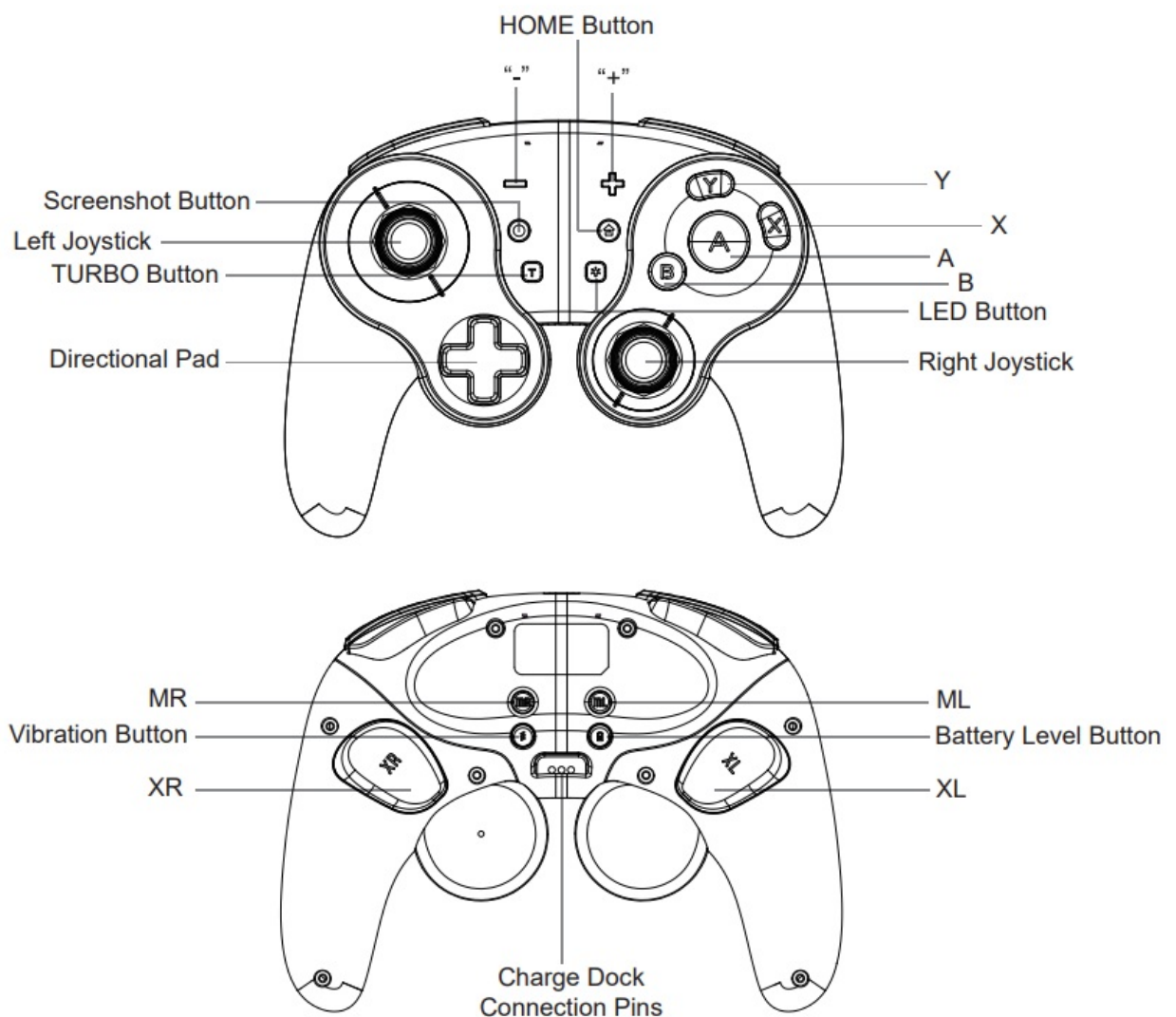### Connecting to iOS/Windows PC/Steam:

- Go to Bluetooth settings on your iOS device or Windows PC.

- Press and hold B button + HOME button on the controller for 3 seconds.
- LED1-LED4 will wave flash; once connected, LED1 and LED4 will remain on.

Frequently Asked Questions

- **Q: What devices are compatible with the Biogenik wireless controller?**
  - A: The controller is compatible with Nintendo Switch, Android devices (7.0 and above), iOS (13 and above), Windows PCs (7 and above), and Steam.
- **Q: How do I charge the controller?**
  - A: Use the provided Controller Charging Dock and USB-A to USB-C Charge Cable to charge the controller.
- **Q: How can I pair the controller with a device?**
  - A: Follow the specific pairing instructions for each device mentioned in the user manual.

Product Diagram

FOR NINTENDO SWITCH

Congratulations on your purchase! This manual includes information on the Biogenik product. We encourage you to take a few minutes to read this manual, which describes the product and includes step-by-step instructions to

help you set it up and get started. Please read and understand all safety instructions before using this product. If you have any questions about this product or its operation, please contact the retailer or contact us at **support@biogenikdesigns.com**

Package Contents

- 1 x Wireless Controller
- 1 x Controller Charging Dock
- 1 x USB-A to USB-C Charge Cable (1m)
- 1 x User Manual
- 1 x Warranty Card

Precaution & Maintenance

Before use, please read the important safety information below. Following these simple guidelines will ensure trouble-free operation and optimal performance of the product and compatible electronic devices. Improper use may cause the product to stop working and may even cause injury to the user.

- Failure to follow these directions may void the warranty.
- This product is intended for private, non-commercial use only.
- Use the product for its intended purpose only.
- For indoor use only.
- Avoid exposure to external heat sources; direct, prolonged sunlight; dust; corrosive chemicals; and moisture.
- Storage temperature should be between 41°F – 86°F (5°C – 30°C).
- Always grip the plug firmly when connecting/disconnecting the cable.
- Do not drop or subject the product to undue shock.
- Keep this product out of the reach of small children.
- Dispose of packaging material according to applicable local regulations.
- Do not attempt to service or disassemble the product. Attempting to disassemble or service the unit could result in an electrical hazard, including injury from exposure to shock. If you experience problems with the unit, discontinue use and contact support for assistance. Attempting to open or service the unit voids all warranties, express or implied.

Product Specifications

Category	Specifications
Connection	Bluetooth 5.0 + EDR 2.1
Frequency	2.4GHz (2.402 – 2.480 GHz utilized)
Lighting	LED indicator lights & multi-color RGB accent lights
Pairing / Sleep Mode	While the controller is in pairing mode, it will automatically enter sleep mode if not paired within 2 ½ minutes
Battery	Polymer-lithium battery, 3.7V / 1000 mAh
Playing Time	Approx. 10-12.5 hours (will vary by game)
Materials	TPU + ABS
Mechanical Buttons	A / B / X / Y / Z / R / ZL / ZR (non-mechanical buttons: MR / ML / XR / XL)
Hall-Effect Sensors	Left & Right Joysticks

Connection Methods

Device/Mode	Method	Bluetooth Name
Android (wireless) *Compatible with Android 7.0 and above.*	On Android device, go to Bluetooth settings and search for new Bluetooth connections to pair. On the controller, press and hold "A" button + "HOME" button simultaneously for 3 seconds and then release the buttons LED2 and LED3 will quickly flash. Once a successful connection has been established, LED2 and LED3 will remain on.	Gamepad
Nintendo Switch (wireless)	On Nintendo Switch, select "Controllers", then "Change Grip/Order". On the controller, press and hold "Y" button + "HOME" button simultaneously for 3 seconds and then release the buttons LED1-LED4 will wave flash. Once a successful connection has been established, one LED will remain on. LED1 indicates Player 1, LED2 indicates Player 2, LED3 indicates Player 3, etc.	/

iOS / Windows PC / Steam (Xinput) (wireless) *Compatible with iOS 13 and above. Compatible with Windows 7 and above.* *This mode does not control the system, so you can only play native games.*	On iOS device (or Windows PC), go to Bluetooth settings and search for new Bluetooth connections to pair. On the controller, press and hold "B" button + "HOME" button simultaneously for 3 seconds and then release the buttons LED1-LED4 will wave flash. Once a successful connection has been established, LED1 and LED4 will remain on.	Xbox Wireless Controller
Windows PC / Steam (wired) *Compatible with Windows 7 and*	Connect USB-C cable to Windows PC and controller. The connection mode will default to Xinput. Once a successful connection has been established, LED1 and LED4 will remain on.	Xinput: Xbox Wireless Controller
above.	Press and hold "-" + "+" simultaneously for 3 seconds and then release the buttons to switch to Dinput mode. Once a successful connection has been established, LED2 and LED3 will remain on.	Dinput: Game pad

Sleep Mode

- If pairing is not completed in under 2 ½ minutes, the controller will turn off.
- If the controller is paired and has no operation for over 5 minutes, the controller will turn off. Press the "HOME" button to wake up controller.
- If the controller is in Bluetooth mode, press the 'HOME' button for 3 seconds to manually disconnect it from the host and put the controller in sleep mode.

Turbo and Auto-Turbo

Turbo can be applied to these function buttons: A / B / X / Y / L / ZL / R / ZR / D-pad.

Enable Turbo:	Press the TURBO button and one of the function buttons simultaneously, to enable the turbo function. Now when you press and hold that function button, it will register as repeated button presses (until you release the button).
Enable Auto-Turbo:	Repeat step above, pressing the same function button, to enable the auto-turbo function. Now when you press and release that chosen function button, it will continue to register as repeated button presses. Press the chosen function button again to stop the auto-feature.
Disable Turbo:	Repeat step above again, pressing the same function button, to disable the turbo feature associated with this button. NOTE: Press and hold the TURBO button for 5 seconds to clear all turbo assignments. There will be a short vibration (if the vibration isn't set to 0%) to indicate all turbo assignments have successfully been disabled.
Turbo Speed:	Level 1 – Minimum: 5 times per second Level 2 – Moderate: 12 times per second Level 3 – Maximum: 20 times per second
Increase Turbo Speed:	Press and hold "TURBO" button + push left joystick up to increase turbo speed. Continue to hold "TURBO" button + push left joystick up again to increase speed more.
Decrease Turbo Speed:	Press and hold "TURBO" button + push left joystick down to decrease turbo speed. Continue to hold "TURBO" button + push left joystick down again to reduce speed further.

Vibration Feedback

Press the vibration button, located on the back of the controller, to adjust the vibration level. There are 5 levels in total – 100%, 75%, 50%, 25%, 0%. There will be a short vibration (if the vibration isn't set to 0%) each time you press the vibration button to indicate the vibration level has successfully been changed

Charging Indicators

- Press the battery level button, located on the back of the controller, to check the battery level.

Battery Level	LED Indicator Notification
100%	LED1, LED2, LED3, and LED4 will flash quickly
75%	LED2, LED3, and LED4 will flash quickly
50%	LED3 and LED4 will flash quickly
25%	LED4 will flash quickly

- To charge the controller, simply place the controller on the charge dock. The controller can also be charged by connecting a USB-C cable to a power source and the controller.
- Controller Off: The 4 LED indicator lights will flash slowly, and the lights will turn off once the controller is fully charged.
- Controller On (& Synced): The corresponding indicator lights will flash slowly, and the lights will remain on once the controller is fully charged.

Controller Charging Stand

After plugging in the charging stand, the 7 led colors will flash before turning a static blue color.
The LED color & mode can be switched during charging by pressing the button on the bottom of the charging stand

- Double Click LED button (change the LED color): Red, yellow, blue, green, purple, orange, white
- Single Click LED button change the LED mode :
  - Breathing
  - Flow (right to left)
  - Flow (left to right)
  - Always-on

LED Modes

Double combination mode

- Single Click LED button (change the LED color   Red, yellow, blue, green, purple, orange, white, rainbow
- Double Click LED button change the LED mode :
  - Always-on
  - Flow (clockwise)
  - Flow (counterclockwise)
  - Breathing

Long press LED (About 5s) to turn the LEDs on or off

Left and right LED Ring Independent Mode

- Press LED button + L3 (Left Joystick down) and the left LED ring is now being independently controlled Press the LED button+ L3(Left Joystick down again) to cancel Left LED ring independent mode
- Press LED button + R3 (Right Joystick down) the right LED ring is now being independently controlled Press the LED button + R3 (Right Joystick down again) to cancel the Right LED ring independent mode
- Single Click LED button (change the LED color   Red, yellow, blue, green, purple, orange, white, rainbow
- Double Click LED button change the LED mode :
  - Always-on
  - Flow (clockwise)
  - Flow (counterclockwise)
  - Breathing

Long press LED (About 5s) to turn the LEDs on or off

Programmable function

Macro (MR/ML)

Short press the MR/ML button, the four LED indicator lights will flash to indicate programming mode, next press the button combination you want to apply to your MR/ML button(up to 24 steps), press the MR/ML button against (vibration indicates success), the macro has now been set.

- The macro editable buttons are A, B, X, Y, L1, R1, L2, R2, L3, R3, +, -, D-pad button, left and right joysticks (can be used as connecting moves in the game).

Mapping function

Press the MR/ML button, the four LED indicator lights will flash to indicate programming mode, next press the button you want to map to the XR/XL, press the MR/ML button again, setting successfully(vibration). XL/XR is Mapping button

- The macro editable buttons are A, B, X, Y, L1, R1, L2, R2, L3, R3, +, -, D-pad button

Press and hold the programming button MR / ML (vibration prompt), clear the macro and mapping function of XR / XL.

IC Statements

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference and,
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure: This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment to maintain compliance with IC's RF Exposure guidelines. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

FCC Statement

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Documents / Resources

	iStar YS62 Wireless Retro Controller [pdf] User Manual 2AV5Y-YS62, 2AV5YYS62, ys62, YS62 Wireless Retro Controller, YS62, Wireless Retro Controller, Retro Controller, Controller

References

- **User Manual**