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GuliKit NS07

GuliKit Route Air Bluetooth Adapter NS07 Instruction Manual

1. INTRODUCTION

The GuliKit Route Air Bluetooth Adapter (Model NS07) is a compact audio transmitter designed to enable wireless audio on devices that do not natively support Bluetooth headphones. It features aptX Low Latency technology for synchronized audio and supports dual-stream audio, allowing two Bluetooth headphones to connect simultaneously. This manual provides detailed instructions for setup, operation, and troubleshooting.

2. PRODUCT FEATURES

- **Advanced Bluetooth Chip:** Utilizes a CSR/Qualcomm chip for high-quality audio transmission.
- **Supported Bluetooth Formats:** Compatible with SBC, aptX, and aptX LL (Low Latency).
- **Dual Stream Support:** Connects two Bluetooth headsets simultaneously for shared audio experiences.
- **Real-time Audio Sync:** aptX Low Latency ensures minimal audio delay for gaming and media.
- **Plug & Play:** No drivers required for most compatible devices.
- **Battery-free:** Powered directly by the connected device, eliminating the need for internal batteries.
- **Compact Design:** Slim profile designed to integrate seamlessly with portable consoles.
- **Wide Compatibility:** Works with Nintendo Switch, Switch Lite, PS4, PS5, and PC.
- **Transmission Distance:** Up to 10 meters (33 feet).

3. PACKAGE CONTENTS

Upon opening the GuliKit Route Air package, you should find the following items:

- GuliKit Route Air Bluetooth Adapter (Main Unit)
- USB-C to USB-A Adapter (for use with PS4, PS5, PC, or Switch Dock)
- Protective Case with Foam Inserts
- User Manual (this document)

Enjoy the Fun of Multiplayer Games

With GuliKit Bluetooth Audio Adapter

Bluetooth Headset
x2



Wireless Controller
x8



OR Joy-Con

x4



Through Switch Console

Bluetooth Headset
x1



Wireless Controller
x2



OR Joy-Con

x1



Image: GuliKit Route Air Bluetooth Adapter and its USB-C to USB-A adapter.

4. SETUP INSTRUCTIONS

4.1. Handheld Mode (Nintendo Switch/Switch Lite)

1. Ensure your Nintendo Switch or Switch Lite is powered on.
2. Carefully insert the GuliKit Route Air adapter into the USB-C port at the bottom of your console. Ensure it is fully seated.
3. Place your Bluetooth headphones or speaker into pairing mode. Refer to your audio device's manual for specific instructions.
4. On the GuliKit Route Air adapter, press and hold either the 'A' or 'B' button for approximately 4 seconds until the corresponding LED light begins to flash rapidly. This indicates pairing mode.
5. Once successfully paired, the LED light on the adapter will turn solid white.
6. If connecting a second pair of headphones, repeat steps 3 and 4 using the other button ('A' or 'B').



GuliKit Route Air+



Real Time Audio Sync with aptX Low Latency



No Drive Needed & Quick Pairing



Lossless CD Sound Quality



Dual Streaming



Battery-free



Switch New System

When the Switch console connects to the Bluetooth headset, the sound will have obvious delay more than 220ms through SBC protocol

Image: GuliKit Route Air Bluetooth Adapter connected to a Nintendo Switch.

4.2. Docked Mode (Nintendo Switch, PS4, PS5, PC)

1. Connect the GuliKit Route Air adapter to the included USB-C to USB-A adapter.
2. Insert the USB-A end of the adapter into an available USB port on your Nintendo Switch Dock, PS4, PS5, or PC.
3. Place your Bluetooth headphones or speaker into pairing mode.
4. On the GuliKit Route Air adapter, press and hold either the 'A' or 'B' button for approximately 4 seconds until the corresponding LED light begins to flash rapidly.
5. Once successfully paired, the LED light on the adapter will turn solid white.
6. If connecting a second pair of headphones, repeat steps 3 and 4 using the other button ('A' or 'B').



TV mode supported

Compatible with Switch original Dock and GuliKit TV Dock
using the included USB-C to USB-A adapter



Image: GuliKit Route Air Bluetooth Adapter connected to a Nintendo Switch Dock.

5. OPERATING INSTRUCTIONS

5.1. Pairing Status Indication

The GuliKit Route Air features LED indicators to show its current working mode and the codec in use:

- **Flashing LED:** Indicates the adapter is in pairing mode, searching for a device.
- **Solid White LED:** Indicates a successful connection.
- **Middle LED Indicator:** Shows the active audio codec (SBC, aptX, LL). The adapter automatically selects the best available codec.



Image: LED indicators on the GuliKit Route Air for pairing and codec status.

5.2. Dual Headset Connection

The adapter supports connecting two Bluetooth headsets simultaneously. Follow the pairing steps for the first headset using button 'A', then repeat the process for the second headset using button 'B'. Both headsets will receive audio from the connected device.

There is no headphone cable constraint



Image: Supported devices and dual headset connection capability.

5.3. Resetting Connections

To clear all paired Bluetooth devices from the GuliKit Route Air adapter, press and hold both the 'A' and 'B' buttons simultaneously for 4 seconds. The adapter will reset its pairing history.

6. COMPATIBILITY

The GuliKit Route Air Bluetooth Adapter is compatible with a range of gaming consoles and devices:

- Nintendo Switch
- Nintendo Switch Lite
- PlayStation 4 (PS4)
- PlayStation 5 (PS5)
- PC (Windows)

For optimal performance, ensure your Bluetooth headphones or speakers support aptX Low Latency (aptX LL) to minimize audio delay, especially during gaming.

7. MAINTENANCE

To ensure the longevity and optimal performance of your GuliKit Route Air Bluetooth Adapter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Avoid liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the adapter in its provided protective case to prevent dust and physical damage.
- **Handling:** Avoid dropping the adapter or subjecting it to strong impacts.
- **Environment:** Keep the adapter away from extreme temperatures, humidity, and direct sunlight.

8. TROUBLESHOOTING

- **No Audio/Connection Issues:**

- Ensure the adapter is fully inserted into the USB-C port (or USB-A adapter).
- Verify your Bluetooth headphones/speaker are in pairing mode.
- Try resetting the adapter's connections by holding both 'A' and 'B' buttons for 4 seconds.
- Reboot your console/PC and try pairing again.

- **Audio Delay (Latency):**

- Ensure your Bluetooth headphones/speaker support aptX Low Latency (aptX LL). The adapter will automatically use this codec if available.
- Move closer to the adapter to reduce potential interference.
- If using a non-aptX LL device, some minor delay may be inherent.

- **Adapter Not Fitting in Console Case:**

- The GuliKit Route Air is designed to be slim. If using a protective case on your Nintendo Switch, you may need to remove the included SWITCH Spacer from the adapter for a better fit. The case thickness must be within 1.5 mm.
- Some hard cases, like the Amazon Basics hard case, may not accommodate the adapter when inserted into the Switch due to its form-fitting design.



Image: Adjusting the SWITCH Spacer for compatibility with console cases.

- **No Microphone Functionality:**

- The GuliKit Route Air is primarily an audio transmitter. While some Bluetooth headsets have integrated microphones, their functionality may vary or not be supported by the adapter for voice chat on all platforms.

9. SPECIFICATIONS

Specification	Detail
Brand	GuliKit
Model Number	NS07
Compatible Devices	Headphone, PC, Nintendo Switch, Switch Lite, PS4, PS5
Bluetooth Formats	SBC, aptX, aptX LL
Transmission Distance	10m / 33ft
Item Dimensions (L x W x H)	1.89 x 0.55 x 0.52 inches
Item Weight	0.04 Kilograms
Number of Ports	1 (USB-C)
Current Rating	1 Amps

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official GuliKit website or contact their customer service directly. Keep your proof of purchase for any warranty claims.