RØDE PSA1+

RØDE PSA1+ Professional Studio Arm User Manual

Model: PSA1+

INTRODUCTION

The RØDE PSA1+ is a premium professional studio boom arm engineered to provide silent, smooth, and precise microphone positioning for a variety of applications, including podcasting, streaming, and broadcasting. Its robust construction and thoughtful design ensure optimal performance and a clutter-free workspace.

WHAT'S IN THE BOX

Carefully unpack your RØDE PSA1+ and ensure all components are present:

- PSA1+ Professional Studio Arm
- Desk Clamp
- Desk Insert (for permanent mounting)
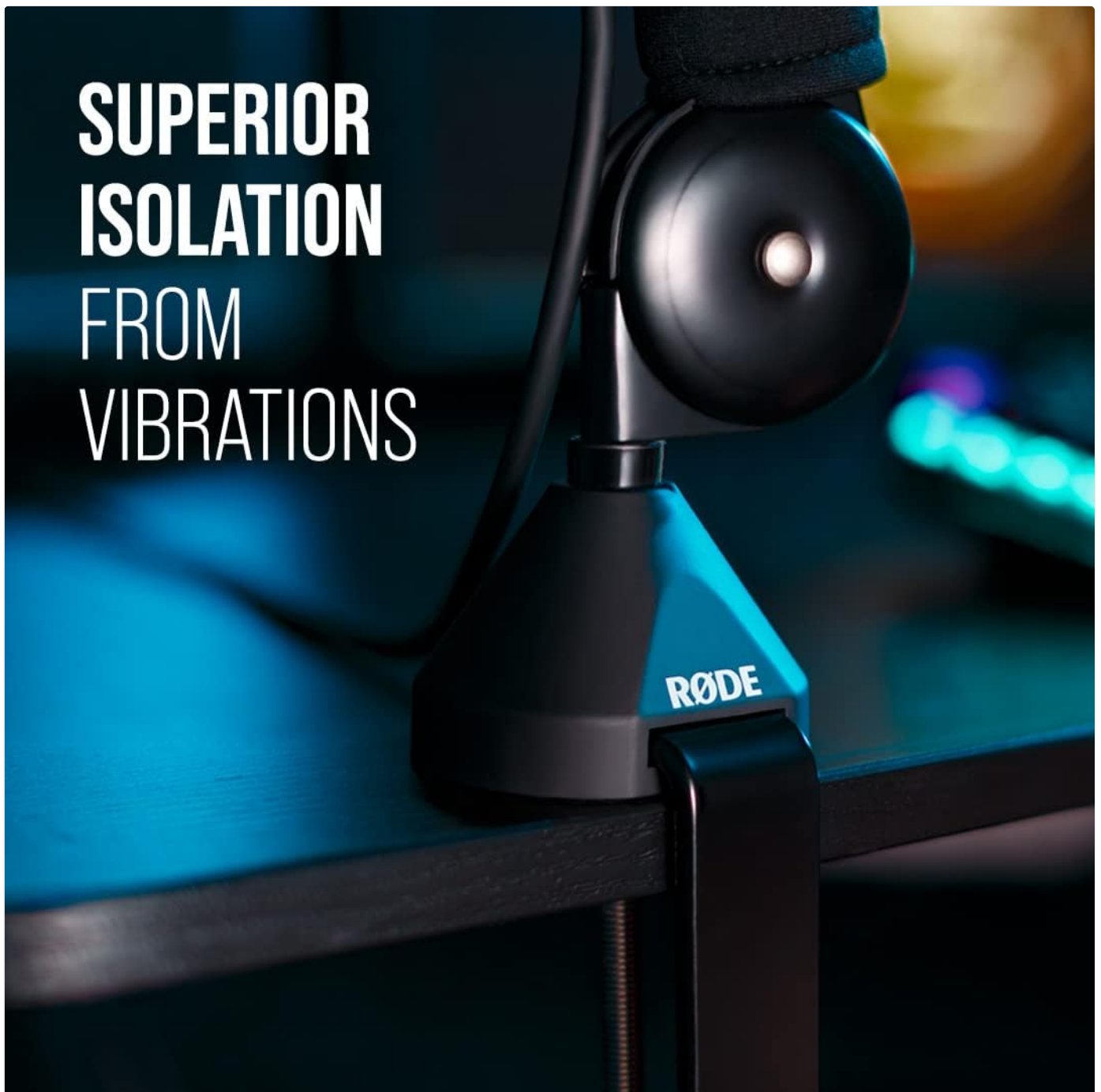- 3/8" - 5/8" Thread Adaptor

Image: Components included with the RØDE PSA1+ Professional Studio Arm.

SETUP

The PSA1+ offers two primary mounting options: a desk clamp for temporary or non-invasive installation, and a desk insert for a more permanent, flush mount.

Option 1: Desk Clamp Installation

1. Identify a suitable location on your desk or table edge. Ensure the surface is sturdy and can support the weight of the arm and microphone.
2. Place the desk clamp onto the edge of your desk.
3. Tighten the screw mechanism on the clamp until it is securely fastened to the desk. Do not overtighten, as this may damage your desk.
4. Insert the base of the PSA1+ arm into the top opening of the desk clamp.

Option 2: Desk Insert Installation (Permanent)

This option requires drilling a hole into your desk. Proceed with caution and ensure you have the necessary tools and expertise.

1. Choose a desired location on your desk for the arm. Ensure there is sufficient clearance underneath for the insert.
2. Using an appropriate drill bit (refer to the desk insert for exact diameter, typically around 22mm/0.87 inches), drill a clean hole through your desk.
3. Insert the desk insert into the drilled hole from the top.
4. Secure the insert from underneath the desk using the provided nut.
5. Insert the base of the PSA1+ arm into the opening of the desk insert.

Attaching Your Microphone

1. The PSA1+ features a standard microphone thread. If your microphone requires a 5/8" thread, use the included 3/8" to 5/8" adaptor.
2. Carefully screw your microphone or microphone shock mount onto the threaded post at the end of the arm.

Cable Management

The PSA1+ includes integrated cable management channels to keep your setup tidy and professional.

- Route your microphone cable (XLR or USB) along the arm's channels.
- Secure the cable using the provided clips or ties to prevent tangling and maintain a clean aesthetic.

Image: Integrated cable management on the RØDE PSA1+ arm.

OPERATING THE PSA1+

The PSA1+ is designed for smooth and silent operation, allowing for effortless microphone positioning.

Movement and Positioning

- The parallelogram spring design allows for fluid movement across its entire range. Gently push or pull the arm to adjust the microphone's height and horizontal position.

- The arm offers 360-degree rotation at its base, providing maximum flexibility for microphone placement.
- The fully damped internal springs ensure that the arm remains stable in any position without drifting, and movement is virtually silent, preventing unwanted noise during recordings or broadcasts.

Image: Demonstrating the flexible positioning of the RØDE PSA1+.

Image: Detail of the smooth and silent movement mechanism.

Vibration Isolation

The PSA1+ is designed to isolate your microphone from desk-borne noise, such as keyboard clicks or mouse movements.

Image: The PSA1+ base providing superior isolation from vibrations.

MAINTENANCE

To ensure the longevity and optimal performance of your RØDE PSA1+:

- Regularly wipe down the arm with a soft, dry cloth to remove dust and debris.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish or neoprene cover.
- Periodically check the tightness of the desk clamp or desk insert to ensure the arm remains secure.
- Ensure cables are properly routed through the management channels to prevent strain or damage.

TROUBLESHOOTING

Issue	Possible Cause	Solution

Issue	Possible Cause	Solution
Arm feels loose or unstable	Desk clamp/insert is not tight enough.	Tighten the desk clamp screw or the nut for the desk insert.
Microphone drifts from position	Arm springs may need adjustment (rare for PSA1+ due to damping). Microphone is too heavy for the arm's capacity.	Ensure microphone weight is within specified limits. If issue persists, contact RØDE support.
Audible noise from arm movement	Friction or debris in joints (unlikely for PSA1+).	Ensure no foreign objects are lodged in the arm's joints. The PSA1+ is designed for silent operation; if noise occurs, contact RØDE support.
Cables are tangled or visible	Improper cable routing.	Reroute cables through the integrated cable management channels and secure them with clips.

SPECIFICATIONS

Model: PSA1+

Product Dimensions (L x W x H): 21.25 x 8.25 x 3.25 inches

Item Weight: 3.4 pounds

Material: Neoprene (arm cover)

Color: Black

Manufacturer: RØDE Microphones

First Available: October 5, 2021

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the official RØDE Microphones website or contact their customer service directly. Keep your proof of purchase for warranty claims.