Perixx 18033

Perixx PERIPRO-304 Trackball Replacement User Manual

Model: 18033

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1. PRODUCT OVERVIEW

The Perixx PERIPRO-304 is a 2.17-inch (55mm) replacement trackball designed for compatible trackball mice and keyboards. It features a glossy red surface engineered for smooth and precise cursor control. This trackball is suitable for various applications, including fast-moving tasks and multi-screen environments.

Key Features:

- Glossy surface for agile and smooth movement.
- Compatible with Periboard-322, Periboard-522, Kensington Expert Mouse, and Kensington SlimBlade.
- Designed for high sensitivity with optical sensors.

Image 1.1: The Perixx PERIPRO-304 trackball, showcasing its glossy red finish.

2. SETUP AND INSTALLATION

This section provides instructions for replacing your existing trackball with the Perixx PERIPRO-304.

2.1 Compatibility

The PERIPRO-304 trackball is compatible with the following devices:

- Perixx Periboard-322
- Perixx Periboard-522
- Kensington Expert Mouse
- Kensington SlimBlade Mouse

COMPATIBLE WITH PERIXX PERIBOARD-522/322

Also the suitable size for Kensington devices:
Expert mouse, SlimBlade mouse

Image 2.1: A Perixx Periboard keyboard, illustrating the trackball's placement and compatibility.

2.2 Trackball Replacement

1. **Remove the old trackball:** Gently lift or slide out the existing trackball from its housing. Most trackballs are designed for easy removal.
2. **Clean the trackball socket:** Before inserting the new trackball, ensure the socket and the sensor area are free from dust, debris, or grime. Use a soft, lint-free cloth.
3. **Insert the new trackball:** Place the Perixx PERIPRO-304 into the trackball housing. It should sit securely and allow for free rotation.

For optimal performance, it is recommended to clean both the trackball and the socket thoroughly before initial use.

3. OPERATION

The Perixx PERIPRO-304 trackball is designed for intuitive and precise cursor control. Simply use your fingers to roll the ball in any direction to move the cursor on your screen.

Image 3.1: A hand demonstrating the use of the glossy trackball for fluid cursor movements.

The glossy surface and high-definition design contribute to an agile and smooth tracking experience, making it suitable for tasks requiring fine control or rapid cursor movement across multiple displays.

HIGH DEFINITION TRACKBALL

Provides great sensitivity for optical sensors

Image 3.2: A close-up view of the trackball, highlighting its high-definition surface for optical sensor sensitivity.

Image 3.3: A trackball mouse demonstrating its compact size and control capabilities in a small workspace.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Perixx PERIPRO-304 trackball.

4.1 Cleaning the Trackball and Socket

1. **Remove the trackball:** Gently remove the PERIPRO-304 trackball from its housing.
2. **Clean the trackball:** Use a soft, lint-free cloth, possibly dampened with a mild cleaning solution (like hand soap and water), to wipe the entire surface of the trackball. Ensure no residue remains.
3. **Clean the socket:** Carefully clean the inside of the trackball socket, paying attention to the small sensor lenses and the bearing points. Dust and debris can accumulate here, affecting performance. Use a cotton swab or a soft brush for hard-to-reach areas.
4. **Lubrication (Optional):** Some users find that applying a tiny drop of high-end machine oil and rubbing it with their hands can enhance smoothness. Alternatively, rolling the ball against your face or between your palms can transfer natural skin oils, providing a light lubrication. Repeat this process monthly for optimal smoothness.
5. **Reinsert the trackball:** Once both the trackball and socket are clean and dry, reinsert the trackball

into its housing.

Regular cleaning, at least monthly, is recommended to prevent accumulation of dirt and maintain smooth operation.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your trackball.

5.1 Trackball Not Rolling Smoothly or Feeling Rough

- **Cleanliness:** The most common cause of rough movement is dirt or debris in the trackball socket or on the ball itself. Refer to Section 4.1 for detailed cleaning instructions. Ensure the sensor lenses and bearing points are clear.
- **Break-in Period:** A new trackball may require a short break-in period to achieve optimal smoothness. Continue using the trackball normally for a few weeks; it may become smoother over time.
- **Lubrication:** As mentioned in Section 4.1, a very light application of lubricant (e.g., high-end machine oil or natural skin oils) can significantly improve smoothness.
- **Manufacturing Tolerances:** In rare cases, slight manufacturing variations might cause a trackball to feel less smooth. If cleaning and break-in do not resolve the issue, contact customer support.

5.2 Cursor Tracking Issues at High Speed

- **Sensor Limitations:** Some trackball devices, especially older models, may have optical sensors that struggle to track accurately at extremely high rotational velocities. This can result in the cursor holding its position or moving slowly despite rapid ball movement.
- **Adjust Sensitivity:** If your device's software allows, try adjusting the cursor speed or sensitivity settings to find a balance that suits your usage without over-spinning the trackball beyond the sensor's capability.
- **Cleaning:** Ensure the trackball and sensor area are clean, as debris can interfere with optical tracking.

6. PRODUCT SPECIFICATIONS

Brand	Perixx
Model Number	18033
Series	PERIPRO 304
Diameter	2.17 inches (55 mm)
Weight	4.2 ounces (120g)
Color	Glossy Red
Product Dimensions (LxWxH)	2.16 x 2.16 x 2.16 inches
Movement Detection Technology	Trackball
Operating System Compatibility	Windows (general compatibility for trackball input)

Image 6.1: Visual representation of the trackball's diameter (55mm / 2.17 inches) and weight (120g / 0.25 lb).

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Perixx products are designed for quality and reliability. Specific warranty terms may vary by region and retailer. Please refer to the warranty information provided with your original trackball device or contact Perixx customer support for details regarding the PERIPRO-304 replacement trackball.

7.2 Customer Support

For technical assistance, troubleshooting, or inquiries regarding your Perixx PERIPRO-304 trackball, please contact Perixx customer support. You can typically find contact information on the official Perixx website or through your product's original documentation.

Perixx Official Website: www.perixx.com