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› AsiaHorse NyotaUltra RGB 120mm PC Fan Instruction Manual

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Model: NyotaUltra RGB 120mm

INTRODUCTION

Thank you for choosing the AsiaHorse NyotaUltra RGB 120mm PC Fan. This fan is designed to provide efficient cooling for your PC case while offering vibrant Addressable RGB (ARGB) lighting with an Infinity Mirror effect. Featuring a Hydraulic Dynamic Bearing (HDB) for quiet operation and a daisy-chain design for simplified cable management, the NyotaUltra enhances both performance and aesthetics. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your fan.



The AsiaHorse NyotaUltra RGB 120mm PC fan installed in a computer case, demonstrating its customizable ARGB lighting and Infinity Mirror design.

SETUP AND INSTALLATION

Before installation, ensure your PC is powered off and unplugged from the wall outlet. It is recommended to wear anti-static gloves to prevent damage to components.

Package Contents:

- AsiaHorse NyotaUltra RGB 120mm PC Fan(s)
- Mounting Screws

- (Optional) ARGB Controller / Hub (if purchased as a kit)

Installation Steps:

1. **Prepare Your PC Case:** Open your PC case and identify the desired mounting locations for the 120mm fans (e.g., front, top, rear, bottom).
2. **Mount the Fan:** Position the fan in the desired location, ensuring the airflow direction is correct (usually indicated by an arrow on the fan frame). Secure the fan to the case using the provided mounting screws.
3. **Connect Power Cable:** Connect the fan's 4-pin PWM power cable to an available 4-pin fan header on your motherboard or fan controller.
4. **Connect ARGB Cable:** Connect the fan's 3-pin ARGB cable to an available 3-pin 5V ARGB header on your motherboard or ARGB controller.
 - **Daisy Chain Connection:** For multiple NyotaUltra fans, utilize the daisy-chain feature by connecting the ARGB output of one fan to the ARGB input of the next fan. This simplifies cable management and allows synchronized lighting effects across all connected fans.
5. **Cable Management:** Route all cables neatly to ensure proper airflow and a clean build aesthetic.
6. **Close Case:** Once all connections are secure, close your PC case.

Your browser does not support the video tag.

Video demonstrating the installation process of an AsiaHorse PC fan, including mounting and cable connections. This video is titled "How to use" and is provided by the seller.

OPERATION

The AsiaHorse NyotaUltra RGB 120mm PC Fan operates automatically once connected to your motherboard or fan controller.

Fan Speed Control (PWM):

The fan's 4-pin PWM connector allows your motherboard to dynamically control the fan speed based on system temperature. This can be configured through your motherboard's BIOS/UEFI settings or dedicated fan control software provided by your motherboard manufacturer.

ARGB Lighting Control:

The Addressable RGB (ARGB) lighting of the NyotaUltra fan can be controlled via your motherboard's ARGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync) or an external ARGB controller (if used). Ensure your motherboard's ARGB header is 5V 3-pin.

- **Software Control:** Install the appropriate ARGB software for your motherboard. This software allows you to customize lighting effects, colors, and synchronization across all compatible ARGB components.
- **Controller Control:** If using an external ARGB controller, refer to the controller's manual for specific instructions on changing lighting modes and colors.

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Video showcasing the AsiaHorse Nyota RGB fan's features, including its daisy-chain ARGB connectivity and various lighting effects. This video is provided by the seller.

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Video demonstrating the ARGB lighting effects and daisy-chain functionality of an AsiaHorse DAWN 120mm ARGB fan, similar to the NyotaUltra model. This video is provided by the seller.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your AsiaHorse NyotaUltra RGB 120mm PC Fan.

Cleaning:

- **Frequency:** Clean your fans every 3-6 months, or more frequently if your environment is dusty.
- **Procedure:**
 1. Power off your PC and unplug it from the power source.
 2. Open the PC case.
 3. Use compressed air to blow dust off the fan blades and frame. Hold the fan blades gently to prevent them from spinning rapidly during cleaning, which can damage the bearing.
 4. For stubborn dust, use a soft, dry cloth or a cotton swab.
 5. Ensure no moisture enters the fan motor or electrical connections.

Do not use liquid cleaners or abrasive materials on the fan.

TROUBLESHOOTING

If you encounter issues with your AsiaHorse NyotaUltra RGB 120mm PC Fan, refer to the following common troubleshooting steps:

- **Fan Not Spinning:**
 - Check if the 4-pin PWM power cable is securely connected to the motherboard or fan controller.
 - Ensure the fan header on the motherboard is enabled in BIOS/UEFI settings.
 - Test the fan on a different fan header or with a known working fan to rule out a faulty header.
 - Verify that your power supply is providing adequate power.
- **RGB Lighting Not Working / Incorrect Colors:**
 - Ensure the 3-pin ARGB cable is securely connected to a 5V ARGB header on your motherboard or ARGB controller. **Do NOT connect to a 12V RGB header, as this will damage the fan.**
 - Verify that your motherboard's ARGB software is installed and configured correctly.
 - If daisy-chaining, ensure all connections between fans are secure and in the correct orientation.
 - Check for any physical damage to the ARGB cable or connector.
 - Restart your PC and re-open the ARGB software.
- **Excessive Noise:**
 - Ensure the fan is securely mounted and not vibrating against the PC case.
 - Check for any cables or obstructions touching the fan blades.
 - Clean the fan blades from dust accumulation (refer to Maintenance section).
 - If the noise persists, it may indicate a faulty bearing.

SPECIFICATIONS

Brand	AsiaHorse
Model	NyotaUltra RGB 120mm

Fan Size	120mm
Bearing Type	Hydraulic Dynamic Bearing (HDB)
Lighting	Addressable RGB (ARGB) with Infinity Mirror Effect
Connector	4-pin PWM (Fan Power), 3-pin 5V ARGB (Lighting)
Daisy Chain Support	Yes (for ARGB lighting)
ASIN	B0FMF3798K

WARRANTY INFORMATION

AsiaHorse products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official AsiaHorse website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need further support regarding your AsiaHorse NyotaUltra RGB 120mm PC Fan, please contact AsiaHorse customer service through their official website or the retailer where you purchased the product.

Website: www.asiahorse.com (Note: This is a placeholder URL, please refer to actual product documentation for correct support channels.)