TUMMASTER Y-09

TUMMASTER ARGB Fan HUB Y-09 / J-10 Series User Manual

Model: Y-09 (Silver) | Item Model Number: J-10

1. INTRODUCTION

Thank you for choosing the TUMMASTER ARGB Fan HUB. This device is designed to centralize control over your computer's Addressable RGB (ARGB) lighting and Pulse Width Modulation (PWM) fans, providing enhanced aesthetic customization and efficient cooling management. This manual provides detailed instructions for installation, operation, and troubleshooting to ensure optimal performance.
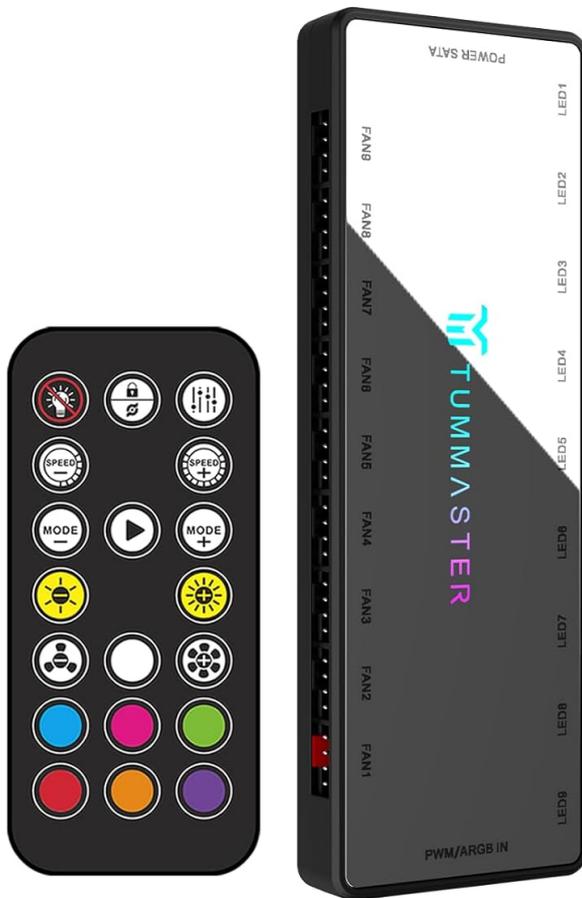
2. PACKAGE CONTENTS

- ARGB Fan HUB (Y-09)
- SATA Power Cable
- ARGB Motherboard Sync Cable
- PWM Motherboard Sync Cable
- RF Remote Control
- Installation Guide (this document)

3. PRODUCT OVERVIEW

The TUMMASTER ARGB Fan HUB Y-09 features multiple ports for connecting ARGB devices and PWM fans, along with a magnetic design for easy installation within your PC case. It supports synchronization with various motherboard RGB software.

ARGB FAN HUB
(WITH REMOTE CONTROL)

MODEL: Y-09

SIZE:.5.7*1.96*0.62 INCHES
PWM PORT: 9(12V-4PIN)
LED PORT: 9(5V-3PIN)
POWER INPUT:SATA

Figure 3.1: TUMMASTER ARGB Fan Hub Y-09 with remote, detailing dimensions and port specifications. This image illustrates the TUMMASTER ARGB Fan Hub Y-09, highlighting its physical dimensions (5.7*1.96*0.62 inches) and specifying the 9 PWM (12V-4PIN) and 9 LED (5V-3PIN) ports, along with SATA power input.

ARGB FAN HUB
(WITH REMOTE CONTROL)

DESCRIPTION OF HUB PORT

LED PORT: 5(5V-3PIN)

LED1 LED2 LED3 LED4 LED5 LED6 LED7 LED8 LED9

POWER SATA

TUMMASTER

PWM/ARGB IN

FAN9 FAN8 FAN7 FAN6 FAN5 FAN4 FAN3 FAN2 FAN1

PWM PORT: 5(12V-4PIN)
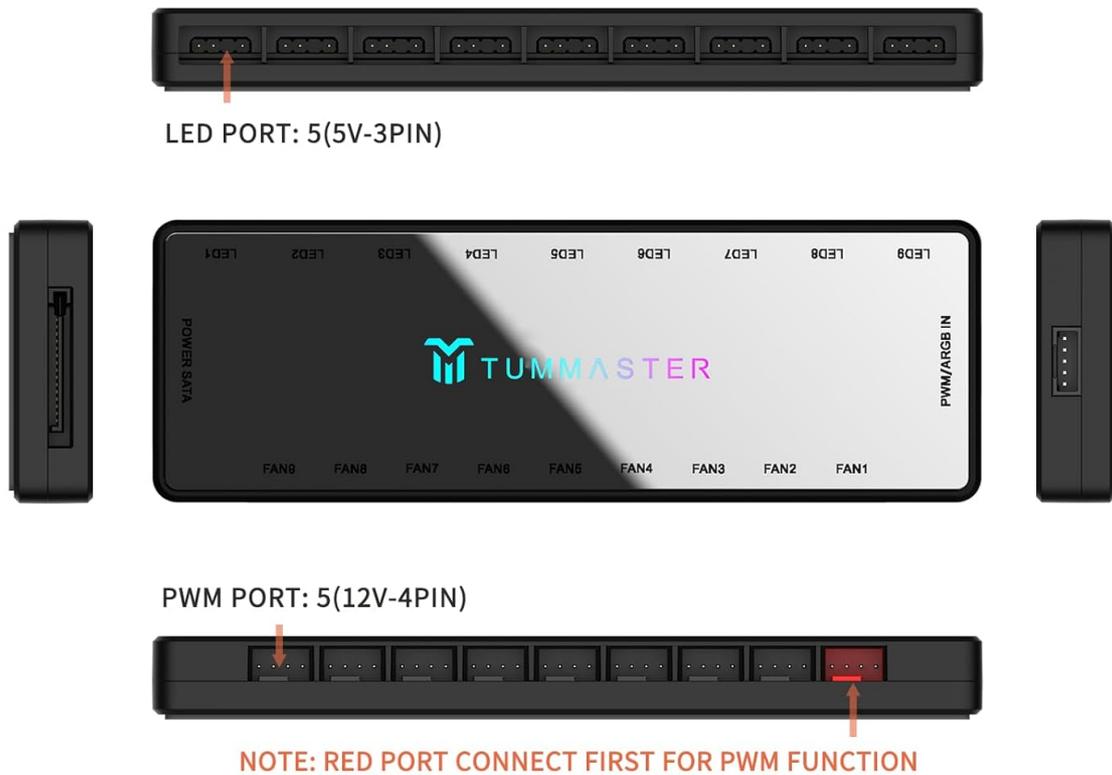
NOTE: RED PORT CONNECT FIRST FOR PWM FUNCTION

Figure 3.2: Detailed view of TUMMASTER ARGB Fan Hub Y-09 ports, including LED, PWM, and Power SATA. A close-up view of the TUMMASTER ARGB Fan Hub Y-09, showing the layout of its 9 LED ports (5V-3PIN), 9 PWM ports (5V-4PIN), and the Power SATA input. The red PWM port is indicated as the primary connection for PWM functionality.

Key Features:

- **ARGB Lighting Control:** Supports 5V 3-pin ARGB devices for synchronized lighting effects.
- **PWM Fan Control:** Manages up to 9 (12V 4-pin) PWM fans for optimized cooling.
- **RF Remote Control:** Allows for convenient adjustment of lighting modes, colors, and fan speeds.
- **Motherboard Synchronization:** Compatible with ASUS Aura Sync, GIGABYTE Fusion, MSI Mystic Light, and ASRock Polychrome.
- **Magnetic Design:** Facilitates easy and secure placement inside the PC case.

4. SETUP AND INSTALLATION

Important Safety Warning:

This hub supports 5V 3-pin ARGB devices only. It is NOT compatible with +12V 4-pin RGB devices. Connecting a 12V 4-pin RGB device to a 5V 3-pin ARGB port will cause irreversible damage to the device and potentially the hub. Always ensure the arrow on the ARGB device plug aligns with the 5V marking on the hub port.

1. **Mount the Hub:** Place the ARGB Fan HUB in a suitable location within your PC case. The magnetic base allows for easy attachment to any metal surface.

2. **Connect SATA Power:** Connect the provided SATA power cable from your power supply unit (PSU) to the 'POWER SATA' port on the hub. This provides power to both the fans and ARGB lighting.

3. **Connect PWM Fans:** Connect your 12V 4-pin PWM fans to the 'FAN1' through 'FAN9' ports on the hub. Ensure the fan connected to the 'FAN1' (red) port is the primary fan for PWM function if you intend to use motherboard control.

4. **Connect ARGB Devices:** Connect your 5V 3-pin ARGB devices (e.g., ARGB fans, ARGB light strips) to the 'LED1' through 'LED9' ports on the hub. Double-check the 5V arrow alignment as per the safety warning.

5. **Connect to Motherboard (Optional):**
   - **ARGB Sync:** Connect the ARGB motherboard sync cable from the 'PWM/ARGB IN' port on the hub to your motherboard's 5V 3-pin ARGB header.
   - **PWM Sync:** Connect the PWM motherboard sync cable from the 'PWM/ARGB IN' port on the hub to your motherboard's 4-pin CPU_FAN or CHA_FAN header.

Connecting to the motherboard allows you to control lighting and fan speeds via your motherboard's software (e.g., ASUS Aura Sync, MSI Mystic Light Sync).

Figure 4.1: Connection diagram for the TUMMASTER ARGB Fan Hub Y-09. This diagram demonstrates the connection

process for the TUMMASTER ARGB Fan Hub Y-09. It shows how 5V 3-pin ARGB fans and 12V 4-pin PWM fans connect to the hub, and how the hub connects to the motherboard's ARGB and CHA_FAN headers, powered by PSU SATA.

5. OPERATION

Using the RF Remote Control:

The included RF remote control allows for direct management of lighting effects and fan speeds. Ensure the hub is powered on for the remote to function.

Figure 5.1: TUMMASTER ARGB Fan Hub Y-09 with RF Remote Control and packaging. The TUMMASTER ARGB Fan Hub Y-09, shown with its included RF remote control and product packaging.

- **Power Button:** Turns the lighting on/off.
- **Mode Button:** Cycles through various ARGB lighting effects.
- **Speed +/-:** Adjusts the speed of the current lighting effect.
- **Color Buttons:** Selects static colors or color cycling modes.
- **Brightness +/-:** Adjusts the brightness of the ARGB lighting.
- **Fan Speed Buttons:** Controls the speed of connected PWM fans (if not controlled by motherboard).

Motherboard Synchronization:

If the hub is connected to your motherboard's ARGB and PWM headers, you can control the lighting and fan speeds through your motherboard's proprietary software. The hub will automatically switch to motherboard control when a signal is detected.

Figure 5.2: TUMMASTER ARGB Fan Hub Y-09 highlighting compatibility with ASUS Aura, GIGABYTE Fusion, MSI Mystic Light, and ASRock Polychrome. This image displays the TUMMASTER ARGB Fan Hub Y-09 and its remote, indicating support for popular motherboard RGB synchronization software such as ASUS Aura Sync, GIGABYTE Fusion, MSI Mystic Light, and ASRock Polychrome.

6. TROUBLESHOOTING

- **No Power to Hub/Fans/Lights:**
    - Ensure the SATA power cable is securely connected to both the hub and the PSU.
    - Verify your PSU is powered on and functioning correctly.

- **ARGB Lights Not Working or Incorrect Colors:**
    - **Crucial Check:** Confirm that all connected ARGB devices are 5V 3-pin. Connecting 12V 4-pin RGB devices will cause damage.
    - Check the connection direction of ARGB cables; ensure the arrow on the connector aligns with the 5V marking on the hub.
    - If using motherboard sync, ensure the ARGB cable is connected to the correct 5V 3-pin header

on the motherboard and that the motherboard software is configured correctly.

- Try using the remote control to see if the lights respond, which can help determine if the issue is with the hub or motherboard sync.

- **Fans Not Spinning or Not Responding to Control:**
  - Ensure all PWM fan cables are securely connected to the hub.
  - Verify the PWM motherboard sync cable is connected to a functional 4-pin fan header on your motherboard.
  - Check your motherboard's BIOS/UEFI settings or fan control software to ensure fan headers are configured for PWM control.
  - If using the remote, ensure the fan speed buttons are being pressed.

- **Remote Control Not Working:**
  - Ensure the hub is powered on.
  - Check the battery in the remote control and replace if necessary.
  - Ensure there are no obstructions between the remote and the hub.

7. SPECIFICATIONS

Product Dimensions	5.7 x 1.98 x 0.6 inches
Weight	3.7 ounces
Item Model Number	J-10
Color	Y-09 (Silver)
Material	Plastic
PWM Fan Ports	9 (12V 4-pin)
ARGB LED Ports	9 (5V 3-pin)
Power Input	SATA Power
Control Method	RF Remote Control, Motherboard Sync
Compatible Devices	PWM Fans, 5V 3-pin ARGB Lighting Devices
Motherboard Sync	ASUS Aura Sync, GIGABYTE Fusion, MSI Mystic Light, ASRock Polychrome

8. SAFETY INFORMATION

- Always disconnect power from your PC before installing or removing any components.
- Ensure correct voltage and pin configuration for all connections (5V 3-pin ARGB vs. 12V 4-pin RGB). Incorrect connections can cause damage.
- Do not expose the hub to moisture or extreme temperatures.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the hub. This will void any warranty.
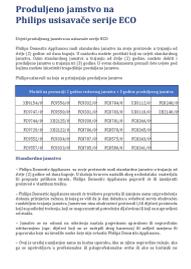
9. WARRANTY AND SUPPORT

TUMMASTER products are designed for reliability and performance. For warranty information, please refer

to the documentation included with your purchase or visit the official TUMMASTER website. For technical support or inquiries, please contact TUMMASTER customer service.

Contact Information: Please refer to your product packaging or the TUMMASTER official website for the most current support contact details.

Related Documents - Y-09

	[NAUZER: Catálogo de Accesorios de Alta Performance para Comunicación Profesional](#) Descubra el catálogo completo de accesorios de comunicación de alta performance de NAUZER. Encuentre auriculares, micro-auriculares, micro-altavoces, laringófonos y sistemas para cascos diseñados para profesionales en seguridad, defensa e industria.
	[Philips 5-Year Commercial Warranty Terms and Conditions for Bagged and Bagless Vacuum Cleaners](#) This document outlines the terms and conditions for Philips' 5-year commercial warranty for bagged and bagless vacuum cleaners, including product eligibility, warranty period, consumer rights, and data processing information.
	[UNITEK Y-3089Z 4-Port USB-C 5Gbps Hub User Manual](#) Comprehensive user manual for the UNITEK Y-3089Z, a 4-port USB-A 3.0 hub with 5Gbps data transfer speeds, designed to expand connectivity for USB-C devices. Includes features, specifications, troubleshooting, and safety information.
	[Produžena garancija na Philips usisivače - Uslovi i registracija](#) Detaljni uslovi za ostvarivanje produžene garancije od 3 godine na Philips usisivače. Saznajte koji modeli su obuhvaćeni promocijom i kako da registrujete svoj proizvod.
	[Produljeno jamstvo za Philips usisavače serije ECO](#) Detaljne informacije o uvjetima produljenog jamstva za Philips usisavače serije ECO, uključujući standardno jamstvo, mogućnost produljenja na 3 godine, popis modela te postupak registracije.

[Produljeno jamstvo za Philips usisavače serije ECO](#)

Informacije o uvjetima produljenog jamstva za Philips usisavače serije ECO, uključujući detalje standardnog jamstva i postupak registracije za dodatne 3 godine jamstva.