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XPG HURRICANE MAG 120 ARGB PWM Magnetic Fan User Guide

Contents

XPG HURRICANE MAG 120 ARGB PWM Magnetic Fan

Product Specifications

Specification	Details
Dimensions	120 x 120 x 25mm
Bearing Type	Rifle Bearing
LED Profile	Addressable RGB LED
Connector	4-Pin PWM
Lighting Connector	5V 3-pin ARGB
Fan Direction Mode	Standard (Counterclockwise) / Reverse (Clockwise)
Speed (RPM)	2000 RPM
Maximum Air Flow	54.82 ± 10% CFM (Standard) / 49.27 ± 10% CFM (Reverse)
Maximum Static Pressure	2.74mm-H2O (Standard) / 3.29mm-H2O (Reverse)
Average Noise Level	23.36 dBA (Standard) / 31.36 dBA (Reverse)
Fan Rated Voltage	DC 12V
LED Rated Voltage	DC 5V
Operating Voltage	DC 7V~12V ± 5%
Fan Starting Voltage	DC 7V
Fan Rated Current	0.2A (Max)
LED Rated Current	0.86A (Max)
Fan Protection	Auto-Restart
MTTF (Lifespan)	160,000 Hours @ 40°C
Power Dissipation	1.56-2.4W

Product Usage Instructions

Fan Installation

1. Connect the first fan in the chain to the fan controller. Align the fan's pin with the connector on the controller, then firmly push the controller up to secure the connection.
2. Link the magnetic connectors of the fans together. Make sure the connectors are oriented correctly.

Cable Connection

1. Connect the 3-Pin ARGB connector to the motherboard's ARGB header.
2. Connect the 4-Pin PWM connector to the motherboard.
3. Connect the case's Reset Switch to the fan's Reset Header for easy controller switch (after connection, you can click the reset button to change fan direction).

Controller Operation
Connect the controller to your fans. Change the fan direction by pressing the switch. Wait a few seconds for the
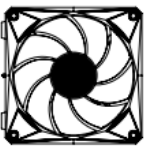
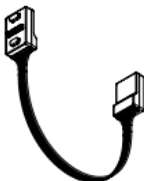LED indicator to change to the next color.

Interlocking Error Prevention Design
With an additional Fan-to-Fan extension cable, you can easily adjust your fan connection to suit any scenario you want.
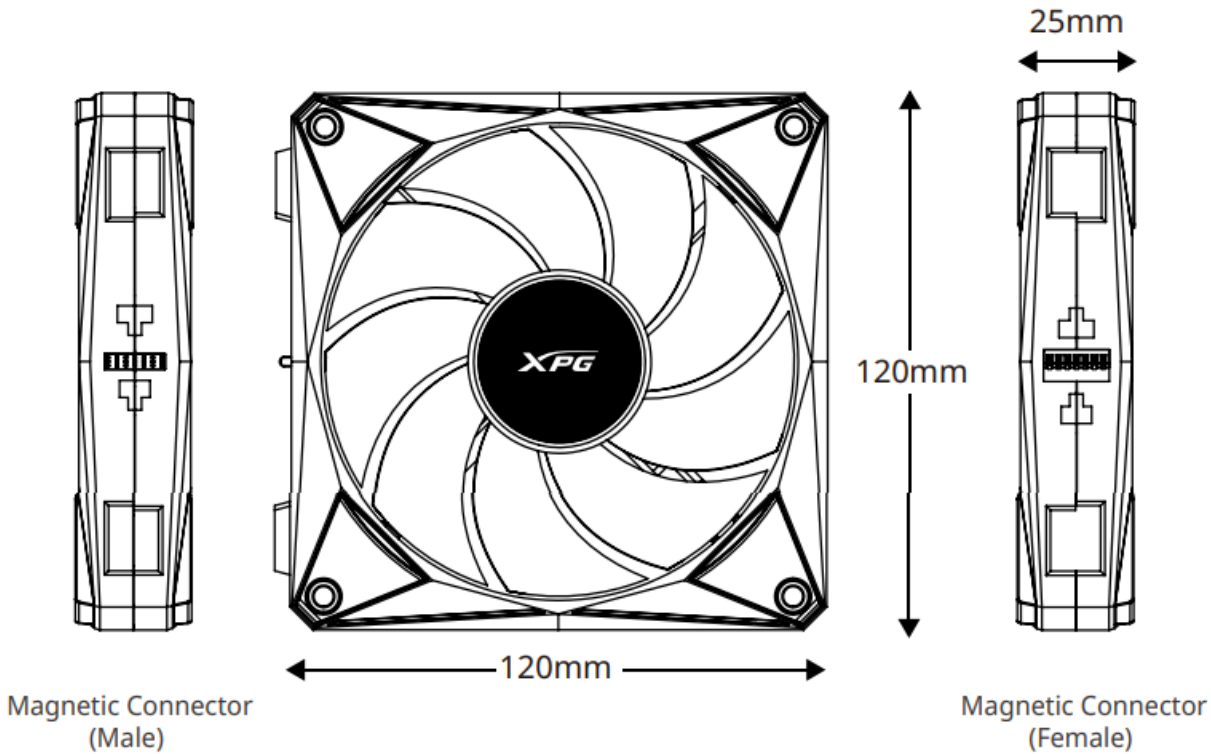
Switch LED Indicator Description

- **Blue:** Standard (Counterclockwise)
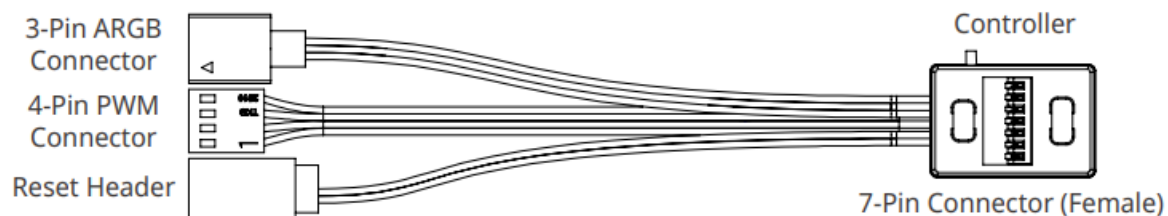- **Red:** Stop
- **Green:** Reverse (Clockwise)

Package Content

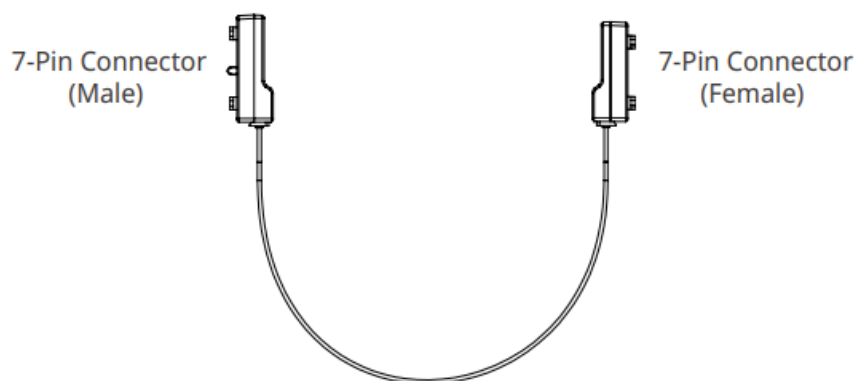| Fan x4	6-32# Screw x12	M3 Screw x12	Short Screw x16	Fan-to Fan Extension Cable X1	Controller with Power Cable x1

Overview

Magnetic Connector (Male)

25mm

120mm

120mm

Magnetic Connector (Female)

Controller with Power Cable

3-Pin ARGB Connector
4-Pin PWM Connector
Reset Header
Controller
7-Pin Connector (Female)

Fan-to-Fan Extension Cable

7-Pin Connector (Male)

7-Pin Connector (Female)
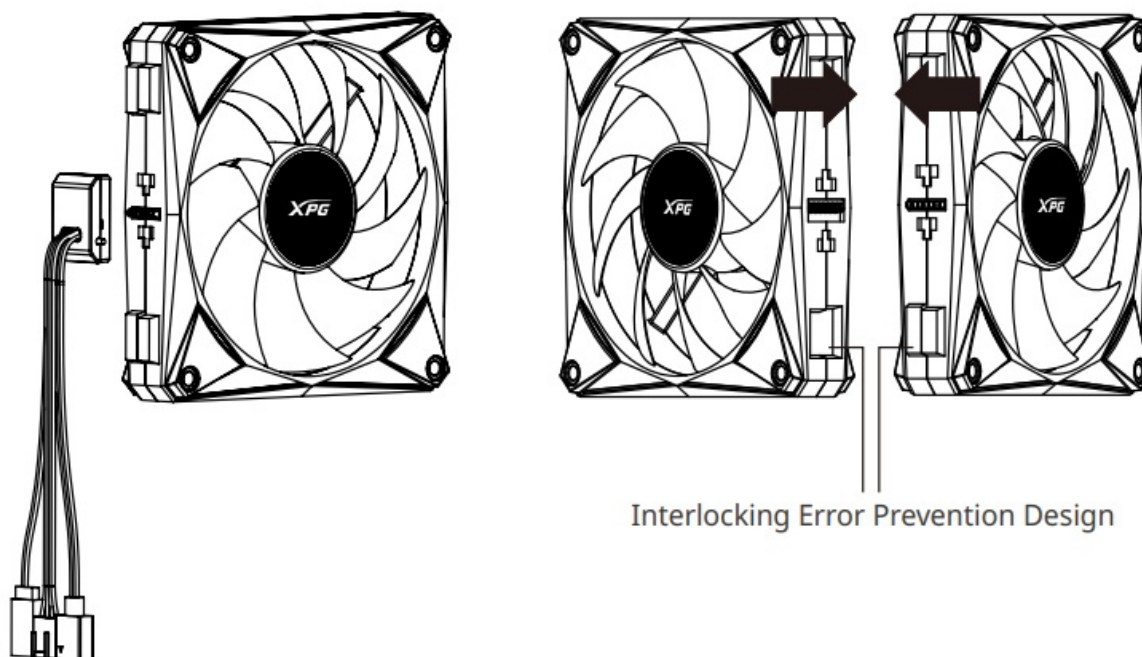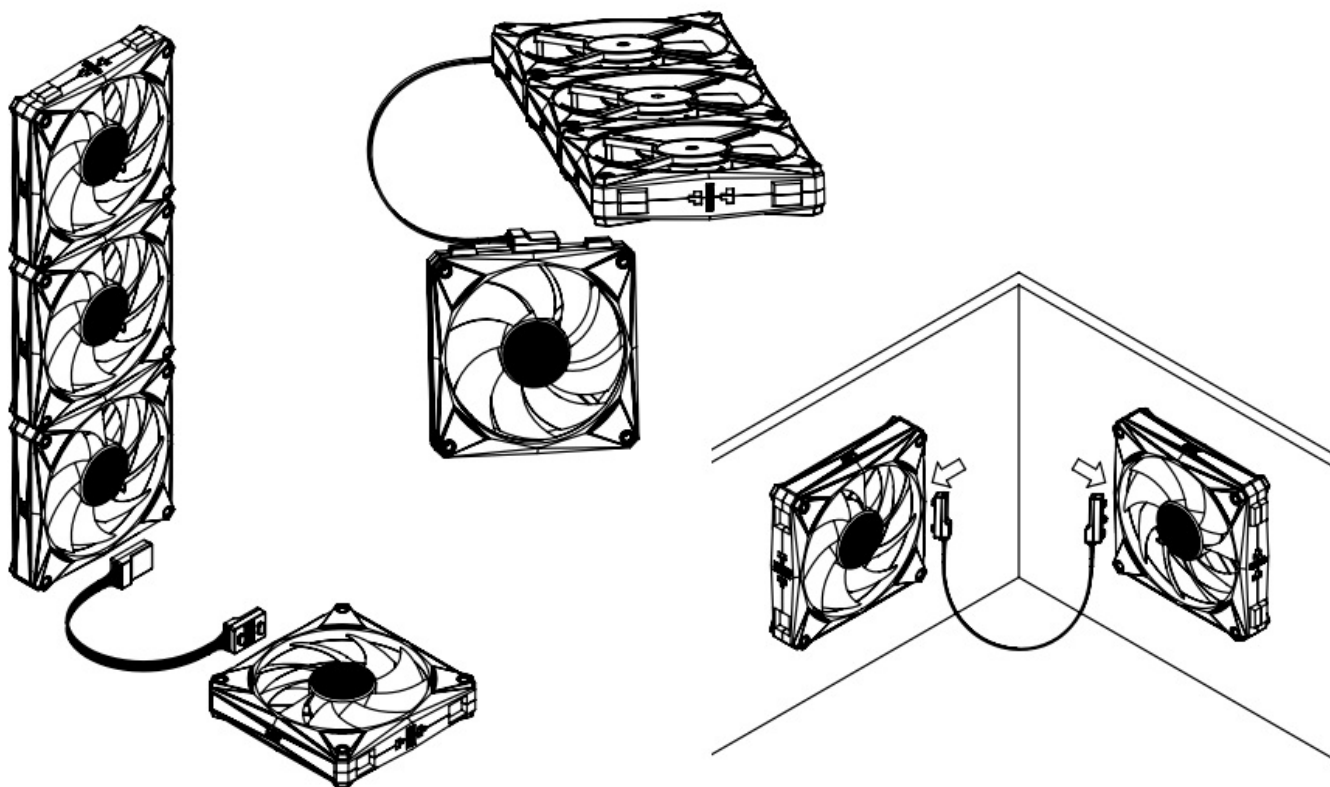
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Magnetic fans

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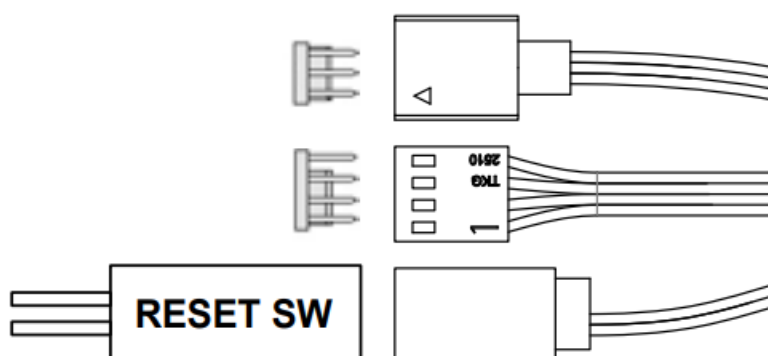2. Link the magnetic connectors of the fans together. Make sure the connectors are oriented correctly.

Interlocking Error Prevention Design

3. With an additional Fan-to-Fan extension cable, you can easily adjust your fan connection to suit any scenarios you want.
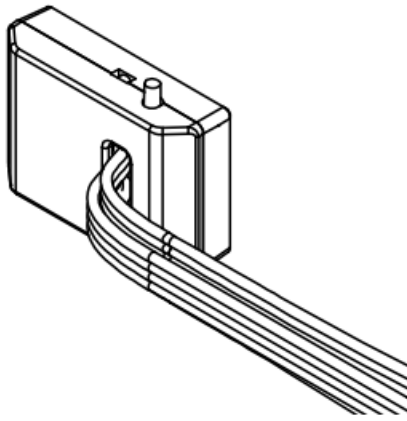
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RESET SW

Controller
Connect the controller to your fans. Change the fan direction by pressing the switch. Wait a few seconds for the LED indicator to change to the next color.

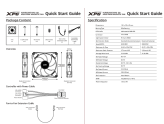| LED Color	Fan Mode
Blue	Standard (Counterclockwise)
Red	Stop
Green	Reverse (Clockwise)

Learn More

FAQ

Q: What is the purpose of the Reset Header on the fan?
A: The Reset Header allows you to easily change the fan direction by connecting it to the case's Reset Switch. Pressing the reset button will change the fan direction.

Q: How do I connect multiple fans together?
A: You can connect multiple fans together using the Fan-to-Fan extension cable provided in the package. Ensure that the magnetic connectors are oriented correctly for a secure connection.

Documents / Resources

XPG HURRICANE MAG 120 ARGB PWM Magnetic Fan [pdf] User Guide
HURRICANE MAG 120, HURRICANE MAG 120 ARGB PWM Magnetic Fan, ARGB PWM Magnetic Fan, PWM Magnetic Fan, Magnetic Fan, Fan

References

- **User Manual**