FIREFIGHT
G20

RGB LIGHTING AND FAN PRO

INSTRUCTION MANUAL
ADXFANLG20

ADX

Contents

Safety Warnings

Read all the instructions carefully before using the unit and keep them for future reference.

Retain the manual. If you pass the unit onto a third party, make sure to include this safety and the instructions manual.

Damage

- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way.

Safety

- Always disconnect the unit from the mains supply before connecting / disconnecting other devices or moving the unit.
- Do not touch the fan blades when they are in operation.

Thank you for purchasing your new product. We recommend that you spend some time reading this instruction manual in order that you fully understand all the operational features it offers. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.
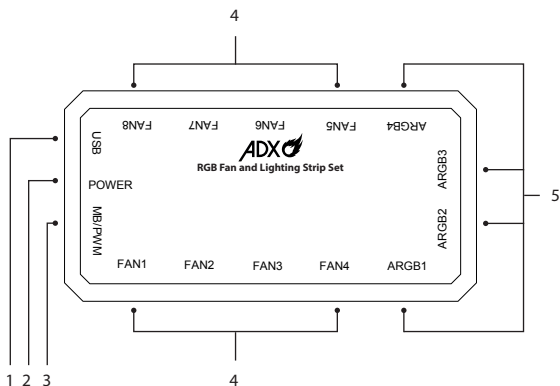
Unpacking

Remove all items from the packaging. Retain the packaging. If you dispose of it please do so according to local regulations.

The following items are included:

- **PWM RGB Fan × 4**
- **RGB LED Strip × 3**
- **Controller × 1**
- **LED Light Strip Extension Cable × 3**
- **LED Light Strip Connecting Cable × 3**
- **Molex to SATA Splitter Cable × 1**
- **SATA Input Cable** (Connect to **Controller**) **× 1**
- **ARGB+PWM Signal Cable × 1** (Connect to 3-pin **ARGB header** & 4-pin **PWM RGB header**)
- **RGB Signal Cable × 1** (Connect to 9-pin **USB 2.0 header**)
- **Mounting Screws for Fan × 16** (4 screws for each fan)

Product Overview

Controller (× 1)

4

USB
POWER
MB/PWM

FAN8   FAN7   FAN6   FAN5   ARGB4

ADX
RGB Fan and Lighting Strip Set

ARGB3

ARGB2

5

FAN1   FAN2   FAN3   FAN4   ARGB1

1 2 3   4

1. **USB Port**
   Connect with **RGB Signal Cable**.
2. **POWER Port**
   Connect with **SATA Input Cable**.
3. **MB/PWM Port**
   Connect with **ARGB+PWM Signal Cable**.
4. **FAN1-8 Ports**
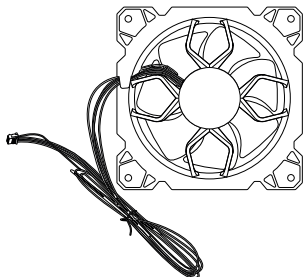   Connect with **Fans**.
5. **ARGB1-4 Ports**
   Connect with **LED Light Strip Connecting Cables**.

The maximum units to connect to the Controller:
- **8 Fans** and **12pcs RGB LED Strips**
- **3 RGB LED Strips** to each **ARGB** port.

Fan (× 4)

LED Light Strip Connecting Cable (× 3)

Connect between the **Controller** and **RGB LED Strip**.

LED Light Strip Extension Cable (× 3)

Connect between the **RGB LED Strips** (if necessary).
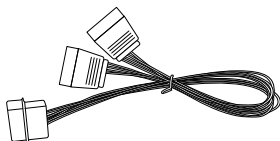

RGB Light Strip (× 3)

Remove the sticker cover and place the light strip into your PC case.

SATA Input Cable (× 1)

Molex to SATA Splitter Cable (× 1)

ARGB+PWM Signal Cable (× 1)

RGB Signal Cable (× 1)

Screw (× 16)

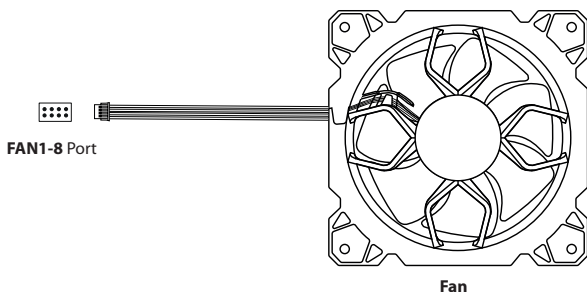Mount the fan into your PC case with the screws.

Installation

- Make sure that your computer is OFF before installation.
- DO NOT install other fan models to the **Controller**.

Fan Connection

Extend the cable of the fan, and connect it to the **Controller** (**Fan1-8 Port**). Mount the connected fans in your computer case with the 4 screws.
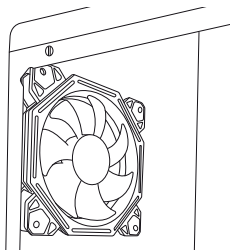

FAN1-8 Port

Fan

For reaching the best fan speed control, make sure that the first fan should be connected to the **FAN1 port**.
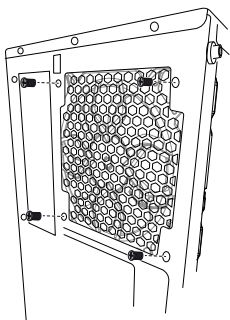

DO NOT connect other fan models with the Controller.

Fan Mounting

1. Place the fan onto the designated location in the PC case.
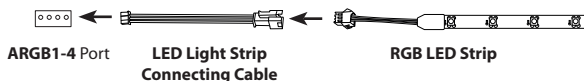
2. Install the screws outside from the PC case. Make sure the fans are securely mounted onto the PC case with the fixed screws.

Light Strip Connection

Connect the **LED Light Strip Connecting Cable** with the **RGB Strip**, and then connect it with the **Controller** (**ARGB1-4 Port**).
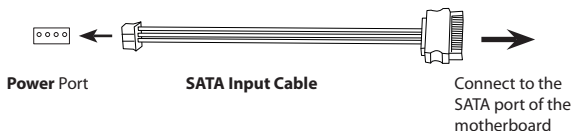

ARGB1-4 Port   **LED Light Strip Connecting Cable**   **RGB LED Strip**

> • You may connect two (or more) **RGB LED Strips** by using **LED Light Strip Extension Cables**.
> • DO NOT connect more than 3 **RGB LED Strips** into each **ARGB** port.

> DO NOT connect other light strip models with the **LED Light Strip Connecting Cable**.
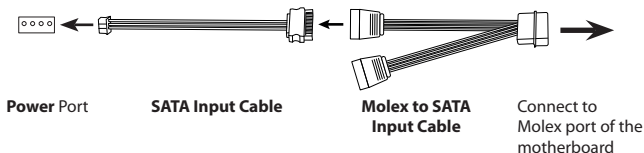
SATA Input Cable Connection

Use the **SATA Input Cable** to connect between the **Power Port** of the Controller and the SATA port of the motherboard.

Power Port   **SATA Input Cable**   Connect to the SATA port of the motherboard

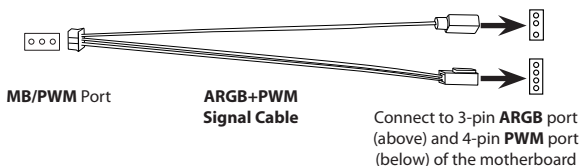#### Using SATA Splitter Cable (optional)

If there is no extra SATA port in your computer, connect the **Molex to SATA Splitter Cable** with the **SATA Input Cable**, and then connect between the **Power** Port of the Controller and the Molex port of the motherboard.
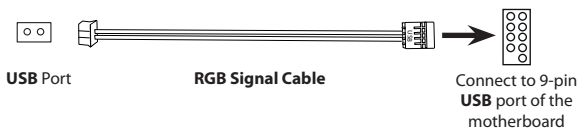

Power Port   **SATA Input Cable**   **Molex to SATA Input Cable**   Connect to Molex port of the motherboard

ARGB+PWM Signal Cable Connection

Connect the PC Motherboard and the **MB/PWM** Port of the
Controller with **ARGB+PWM Signal Cable**.

MB/PWM Port   **ARGB+PWM
Signal Cable**

Connect to 3-pin **ARGB** port
(above) and 4-pin **PWM** port
(below) of the motherboard

RGB Signal Cable Connection

Connect the PC Motherboard and the **USB** Port of the **Controller**
with the **RGB Signal Cable**.

USB Port   **RGB Signal Cable**

Connect to 9-pin
USB port of the
motherboard

System Requirements

Operating Systems: Microsoft® Windows® 10

Motherboard software:
- ASUS Aura Sync
- Gigabyte RGB Fusion
- MSI Mystic Light Sync
- ASRock RGB LED

Software Installation

ADX Software
1. You may download the latest software for **ADX HUB Lighting Software** from: **https://downloads.adxgaming.com**
2. Run the software installer.
3. Follow the installation instruction to complete the installation.
4. Choose **ADX_HUB_Setup.exe** from the desktop to start the software.

⚠ The software is not available for MAC OS.

Other software
You may also proceed light setting with the software of your motherboard. For details, please refer to your motherboard's manual.

Hints and Tips

- Make sure all the cables are fully plugged into the correct ports, and make sure that the computer is on.
- If the software is not working properly, uninstall it and then reboot the computer. Re-install the software.

Specifications

Model	ADXFANLG20
Electrical rating	**Full set (4 fan + 3 light strip):** DC 12V 0.5A (fan) & DC 5V 2A (lighting)
	Single fan: DC 12V 0.122A (fan) & DC 5V 0.56A (lighting)
	Single light strip: DC 5V 0.36A (lighting)
Dimension (L × W × H)	**Controller** 91.5 mm × 47 mm × 14 mm **Fan** (each) 120 mm × 120 mm × 25 mm **Light strip** (each) 450 mm in length
Maximum parts to connect to the controller	12 light strip (3 pcs per port), 8 fan
Net Weight	810 g

Features and specifications are subject to change without prior notice.

The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.
For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

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