AZZA
ONE VISION. ONE MISSION

Digital
RGB
Lighting

270
OBSIDIAN
MID-TOWER TEMPERED GLASS GAMING CASE

USER MANUAL

Installation Instructions

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Specifications

| Model	
Model Name	Obsidian 270
Model Number	CSAZ-270
Specifications	
Type	ATX Mid Tower
Color	Black(exterior)/Black(interior)
Side Panel Window	Tempered Glass on Top, Front and Side panel. Tempered Glass with rubber mounts
Max CPU Cooler Height	Up to 155mm
Max Video Card Length	Up to 370mm Long Video Card
Power Supply	Not included
Motherboard Compatibility	ATX, Micro ATX
Expansion	
External 5.25" Drive Bays	0
Internal 2.5" Drive Bays	Up to 5
Internal 3.5" Drive Bays	Up to 3
Expansion Slots	7
Top Ports	2 x USB3.0, 2 x USB2.0, HD Audio
Physical Specifications	
Dimensions (HxWxD)	514x198x469mm / 20.3x7.8x18.5 inches
Weight	6.96kg /15.4 lbs
Features	
Digital RGB Light Effects	Digital RGB light on the front. All digital RGB light devices controlled by RF Remote (included) or motherboard.
Tempered Glass Side Window	High-quality tempered glass side windows allow for clear visuals to inner components
Available Fan Ports	2x120mm Fan ports on the top 3x120mm or 2x140mm Fan ports in the front (3x12cm PRISMA- Digital RGB Fans included) 1x120mm Fan port in the rear
Dust Filters	Dustproof PVC Net on bottom of Chassis
Water Cooling	Supports radiators up 240mm on top/360mm in front
Isolated Chamber	Power supply is housed inside its own isolated chamber, preventing its heat from affecting other components
Easy Installation Cooler	A pre-cut hole for easy installation of CPU Cooler, eliminating the need to remove the motherboard
Accessories	Headphone Hanger, Anti-dust Plug, Digital RGB LED RF Remote

Digital RGB lighting: Also known as "addressable" RGB. Digital RGB lights offer the ability to assign colors to each LED diode individually, whereas analog RGB lighting only allows the LED strip to display one color along the whole strip at a time. The terms "digital" and "addressable" can be used interchangeably when referring to RGB lighting.

Chassis Parts
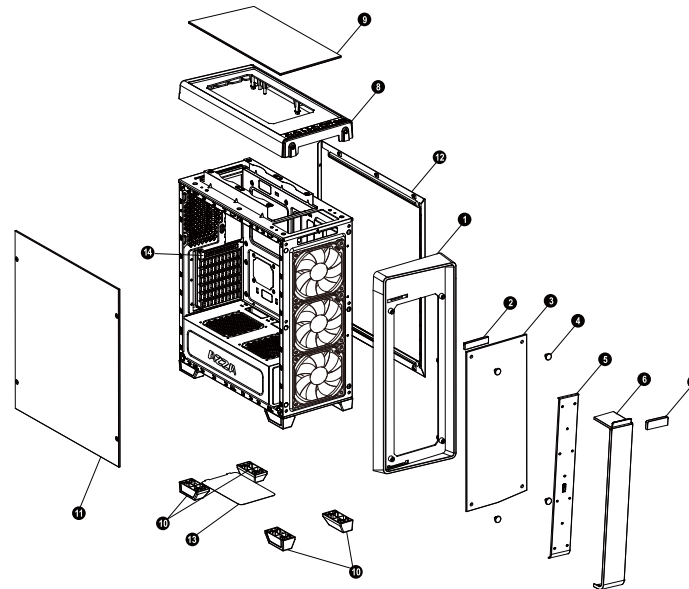
1	Front bezel
2	Rubber fitting
3	Tempered glass front panel
4	Decoration nails x 4
5	Inner headset hanger
6	Outer headset hanger
7	Rubber cover
8	Top cover
9	Tempered glass top panel
10	Case feet x 4
11	Left side panel
12	Right side panel
13	Dust filter
14	PCI slot cover

Control Panel Functions
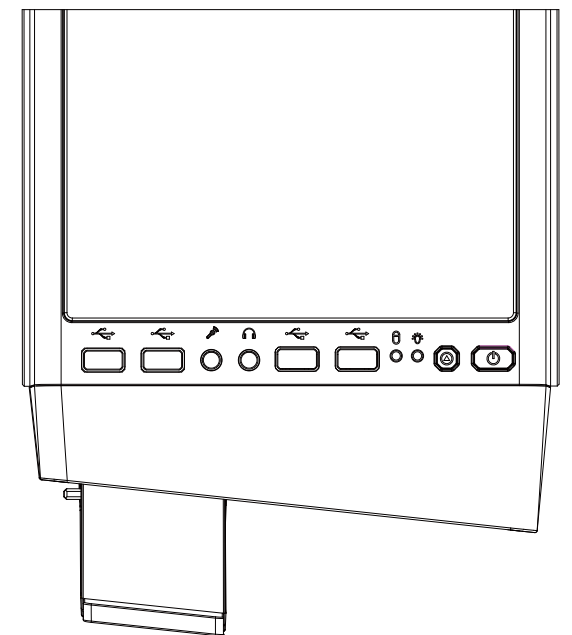
USB3.0(Blue)		Power LED	
USB2.0(Black)		HDD LED	
Mic		Power	
Audio		Resest	

Magnetic Headphone Holder Installation
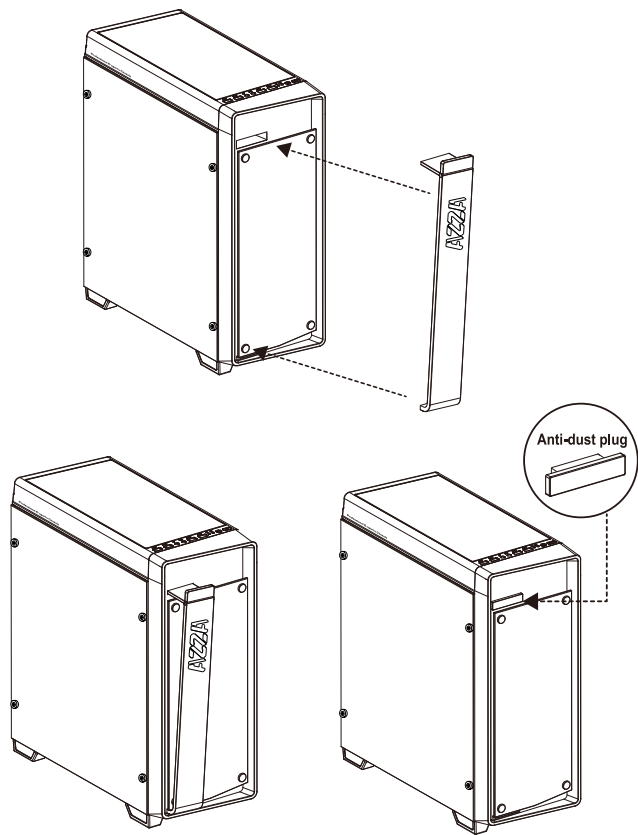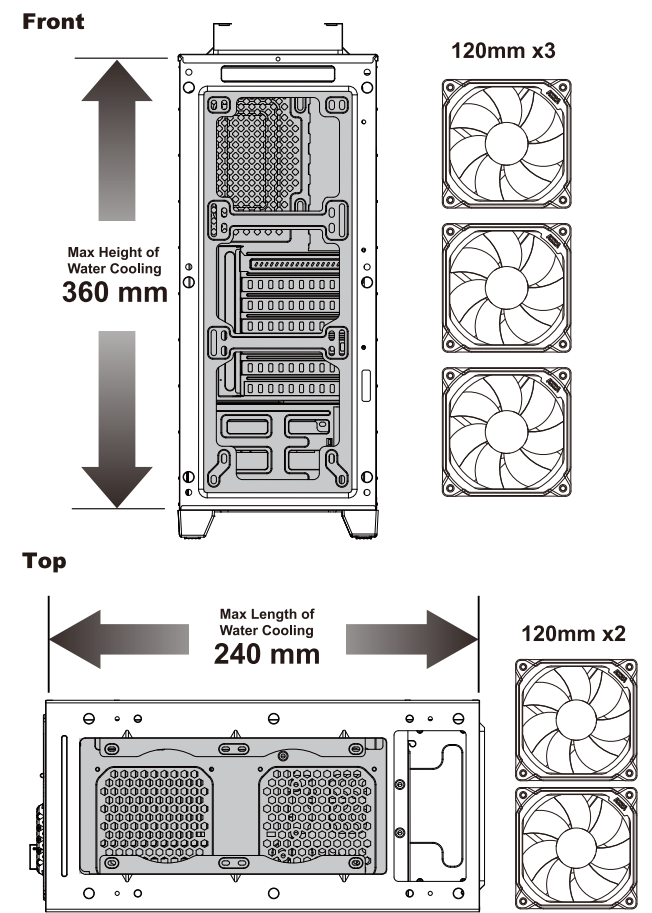
Anti-dust plug

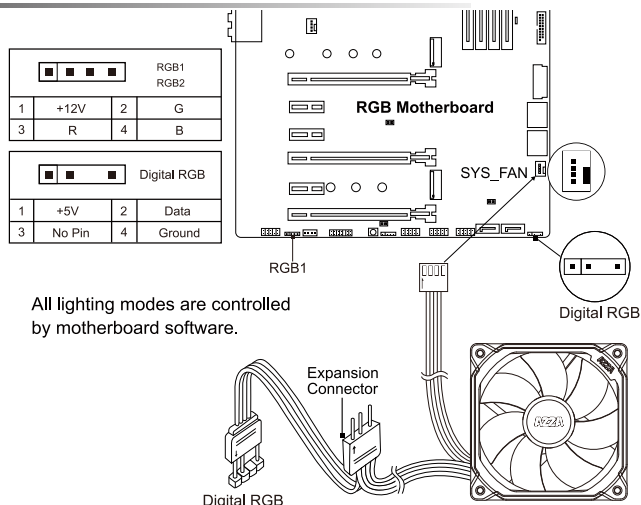When the magnetic headphone hanger is not in use, please use the anti-dust plug to protect the case from dust or dirt.

3.5″ / 2.5″ HDD Installation
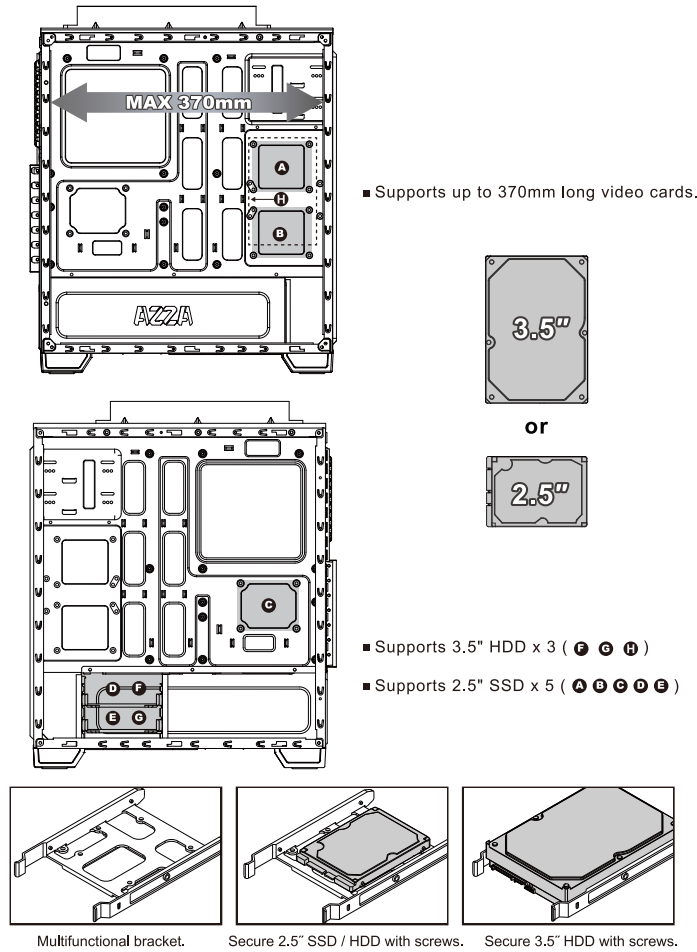
MAX 370mm

- Supports up to 370mm long video cards.

3.5″

or

2.5″

- Supports 3.5″ HDD x 3 (F G H)
- Supports 2.5″ SSD x 5 (A B C D E)

Multifunctional bracket.   Secure 2.5″ SSD / HDD with screws.   Secure 3.5″ HDD with screws.

Optional Liquid Cooling System

Front

120mm x3

Max Height of Water Cooling
360 mm

Top

Max Length of Water Cooling
240 mm

120mm x2

AZZA PRISMA Digital RGB Fan Installation For Motherboard

	RGB1 RGB2
1 +12V	2 G
3 R	4 B

	Digital RGB
1 +5V	2 Data
3 No Pin	4 Ground

RGB Motherboard

SYS_FAN

RGB1

Digital RGB

All lighting modes are controlled by motherboard software.

Expansion Connector

Digital RGB

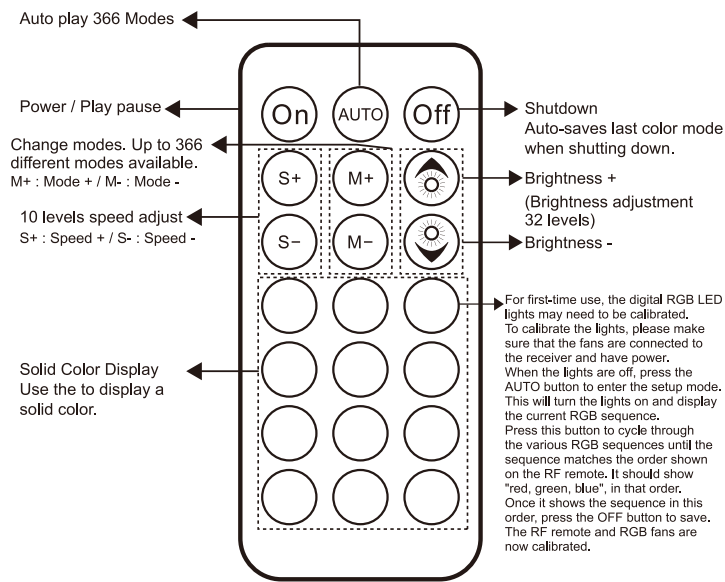## Parallel Connection ("daisy-chaining")

Male Female
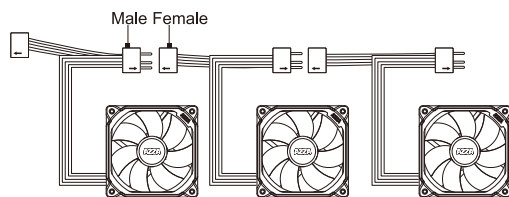
⚠ **CAUTION**

If you do not have a motherboard that is compatible with digital RGB, then you can opt to use the included RF remote and receiver.

The addressable RGB fan has a 3-pin connector (4 holes). Please ensure that you are connecting the 3-pin connector on the fan to the 3-pin RGB header on the motherboard or RF Remote connector.
Do not plug it into the 4-pin header, as the incompatible voltage will fry the fan. The 3-pin connector on the fan still has 4 holes, but the 4th hole is intentionally blocked, for this reason, so please do not try to force it!

Our digital RGB devices are WS2812B-compliant, Each fan contains 18 digital/addressable LED diodes, The WS2812B standard supports up to 60 diodes at the maximum for a single header, so please do not daisy-chain more than 3 digital RGB fans together.

RF Remote   (Model Number: RF-DRGB-I366)

Auto play 366 Modes

Power / Play pause

Change modes. Up to 366 different modes available.
M+ : Mode + / M- : Mode -

10 levels speed adjust
S+ : Speed + / S- : Speed -

Solid Color Display
Use the to display a solid color.

On   AUTO   Off

S+   M+   ▲

S−   M−   ▼

Shutdown
Auto-saves last color mode when shutting down.

Brightness +
(Brightness adjustment 32 levels)

Brightness -

For first-time use, the digital RGB LED lights may need to be calibrated.
To calibrate the lights, please make sure that the fans are connected to the receiver and have power.
When the lights are off, press the AUTO button to enter the setup mode. This will turn the lights on and display the current RGB sequence.
Press this button to cycle through the various RGB sequences until the sequence matches the order shown on the RF remote. It should show "red, green, blue", in that order.
Once it shows the sequence in this order, press the OFF button to save. The RF remote and RGB fans are now calibrated.

The first Digital RGB fan is to be connected to the Digital RGB LED RF remote in the chassis, while the rest of them can be daisy chained to the first one with their own male and female plugs.

Male Female   RF remote