

Azza CSAZ-310DH INFERNO

AZZA Inferno 310DH Mid-Tower Case User Manual

Model: CSAZ-310DH INFERNO | Brand: Azza

1. PRODUCT OVERVIEW

The AZZA Inferno 310DH is a mid-tower computer case designed for enthusiasts seeking both aesthetic appeal and functional performance. It features a sleek design with a tempered glass side panel for showcasing internal components and extensive digital RGB lighting on the front panel and fans. This case supports various cooling configurations, including large water cooling radiators, and accommodates long video cards, making it suitable for high-performance builds. The power supply is housed in an isolated chamber to optimize thermal management.



Figure 1.1: Front-angled view of the AZZA Inferno 310DH Mid-Tower Case, showcasing its tempered glass side panel and vibrant digital RGB lighting on the front and internal fans.

2. KEY FEATURES

- **Digital RGB Light Effects:** Equipped with two HURRICANE II DIGITAL RGB fans and a digital RGB front panel. All RGB lighting effects are controllable via an RF remote, allowing for extensive customization.
- **Tempered Glass Side Window:** A high-quality, reinforced transparent tempered glass side panel provides a clear view of the internal components, ideal for showcasing your build.
- **Convenient Front I/O Ports:** Features two USB 3.0 ports, dedicated audio and microphone jacks, and a front HDMI port, specifically designed for VR headset connectivity.
- **Advanced Water Cooling Support:** The case supports water cooling radiators of various sizes, including 120mm, 240mm, and 280mm, catering to diverse cooling requirements.
- **Extended Video Card Compatibility:** Designed to accommodate video cards up to 380mm in length, offering flexibility for installing high-end graphics cards.

- **Isolated Power Supply Chamber:** The power supply unit is housed in a dedicated, isolated chamber to prevent heat transfer to other critical components, improving overall system cooling.

3. COMPONENT IDENTIFICATION

Familiarize yourself with the various parts of your AZZA Inferno 310DH case.



Figure 3.1: Top view of the case, highlighting the front I/O panel with USB 3.0 ports, audio jacks, and power button.

A. Power Button: Initiates system power.

B. Reset Button: Restarts the system.

C. USB 3.0 Ports (x2): High-speed data transfer.

D. Audio Jacks (Headphone/Microphone): For audio input and output.

E. Front HDMI Port: For VR headset connectivity.



Figure 3.2: Front view of the case, emphasizing the digital RGB fans visible through the mesh panel.

The front panel features a distinctive design with integrated digital RGB lighting and mesh sections for optimal airflow to the pre-installed RGB fans.



Figure 3.3: Interior view of the case, illustrating the spacious main chamber, dedicated PSU shroud, and drive mounting locations.

This image shows the internal layout, including the power supply shroud at the bottom, motherboard mounting area, and various cutouts for cable management.



Figure 3.4: Rear interior view, revealing the ample space behind the motherboard tray for efficient cable routing and storage drive mounting.

The backside of the motherboard tray offers dedicated channels and tie-down points for clean cable management, ensuring optimal airflow and a tidy build.

4. SETUP AND INSTALLATION GUIDE

Follow these steps for proper installation of your PC components into the AZZA Inferno 310DH case.

4.1. Preparation

1. Unpack the case and remove all packaging materials.

2. Place the case on a stable, flat surface.
3. Remove the tempered glass side panel by unscrewing the thumb screws.
4. Identify the accessory box containing screws, zip ties, and the RF remote for RGB control.

4.2. Motherboard Installation

1. Install the I/O shield (if not pre-installed on your motherboard) into the rear opening of the case.
2. Align your motherboard with the standoffs inside the case. Ensure the standoffs match your motherboard's form factor (ATX, Micro-ATX, Mini-ITX).
3. Secure the motherboard using the provided screws.

4.3. Power Supply Installation

1. Slide your power supply unit into the dedicated chamber at the bottom rear of the case.
2. Secure the power supply with screws from the rear of the case.

4.4. Storage Drive Installation

- **2.5" SSD/HDD:** Mount 2.5" drives to the dedicated brackets behind the motherboard tray or on the PSU shroud.
- **3.5" HDD:** Install 3.5" drives into the drive cages located beneath the PSU shroud.

4.5. Graphics Card and Expansion Card Installation

1. Remove the necessary PCIe slot covers from the rear of the case.
2. Insert your graphics card or other expansion cards into the appropriate PCIe slots on the motherboard.
3. Secure the cards with screws.

4.6. Cable Management

Utilize the cutouts and tie-down points behind the motherboard tray to route and secure cables. This improves airflow and aesthetics.

4.7. Fan and Radiator Installation (Optional)

- The case supports up to 360mm radiators on the top and 280mm on the front.
- Ensure proper airflow direction for optimal cooling.

5. OPERATING THE RGB LIGHTING

The AZZA Inferno 310DH features customizable digital RGB lighting for its fans and front panel. Control is managed via the included RF remote.

5.1. RF Remote Functions

- **Power On/Off:** Turns the RGB lighting on or off.
- **Mode Selection:** Cycles through various pre-set lighting effects (e.g., static colors, breathing, rainbow, wave).
- **Speed Adjustment:** Increases or decreases the speed of dynamic lighting effects.
- **Brightness Control:** Adjusts the intensity of the lighting.
- **Color Selection:** Allows selection of specific static colors.

Refer to the remote's specific button layout for detailed functionality. Ensure the RGB controller inside the case is properly

connected to the power supply and the fans/front panel lighting.

6. MAINTENANCE AND CARE

Regular maintenance helps ensure the longevity and optimal performance of your PC case.

- **Dust Filters:** The case is equipped with removable dust filters (e.g., top, front, bottom). Regularly clean these filters by removing them and gently brushing or washing off accumulated dust. Allow them to dry completely before re-installing.
- **Interior Cleaning:** Periodically use compressed air to blow out dust from inside the case, especially from fan blades and heatsinks. Ensure the system is powered off and unplugged before cleaning.
- **Tempered Glass Panel:** Clean the tempered glass side panel with a soft, lint-free cloth and a non-abrasive glass cleaner. Avoid harsh chemicals that could damage the glass or coatings.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid excessive moisture.

7. TROUBLESHOOTING

Common issues and their potential solutions.

Problem	Possible Cause	Solution
RGB lighting not working.	Loose cable connection to controller/PSU, faulty controller, remote battery dead.	Check all RGB cable connections. Ensure controller is powered. Replace remote battery.
Front panel USB ports not functioning.	USB 3.0 header not connected to motherboard, incorrect driver.	Verify the USB 3.0 cable from the case is securely connected to the motherboard header. Install/update motherboard chipset drivers.
Audio jacks not working.	HD Audio cable not connected to motherboard, incorrect audio settings.	Ensure the HD Audio cable from the case is correctly plugged into the motherboard's audio header. Check Windows audio settings and drivers.
Poor airflow/high temperatures.	Dust buildup on filters/fans, incorrect fan orientation, poor cable management.	Clean dust filters and fans. Adjust fan orientation for optimal intake/exhaust. Improve cable management.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	Inferno 310DH
Model Number	CSAZ-310DH INFERNO
Case Type	Mid Tower
Color	Transparent, RGB
Material	Tempered Glass, Steel

Feature	Detail
Dimensions (LxWxH)	55.12 x 28.7 x 55.12 cm (21.7 x 11.3 x 21.7 inches)
Item Weight	8.14 kg (17.95 lbs)
Motherboard Compatibility	Extended ATX, ATX, Micro-ATX, Mini-ITX
Expansion Slots	7
Max Video Card Length	Up to 380mm
Front I/O Ports	2x USB 3.0, HD Audio (Mic/Headphone), 1x HDMI (VR Ready)
Pre-installed Fans	2x HURRICANE II DIGITAL RGB fans
Radiator Support (Top)	Up to 360mm
Radiator Support (Front)	Up to 280mm
PSU Compatibility	Standard ATX (Bottom Mount)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official AZZA website or contact their customer service directly. Keep your proof of purchase for warranty claims.

AZZA Official Website: www.azzatek.com

For further assistance, please contact AZZA customer support.