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Corsair CL-9011112-WW

CORSAIR iCUE COMMANDER CORE XT User Manual

Digital Fan Speed and RGB Lighting Controller

INTRODUCTION

The CORSAIR iCUE COMMANDER CORE XT is a versatile control unit designed to enhance your PC's cooling and lighting. It allows for intelligent management of up to six PWM fans and multiple RGB components, alongside accurate system temperature monitoring, all consolidated into a single device. This controller simplifies setup by automatically detecting various CORSAIR RGB fans and provides extensive control over up to 264 RGB LEDs on compatible CORSAIR devices.

CORSAIR iCUE COMMANDER CORE XT

A smart RGB lighting and fan speed controller for up to six CORSAIR PWM fans and multiple RGB components.



Image: The CORSAIR iCUE COMMANDER CORE XT, a smart RGB lighting and fan speed controller, shown with a PC case illustrating its function.

PACKAGE CONTENTS

Upon unboxing your CORSAIR iCUE COMMANDER CORE XT, verify that all components are present:

- CORSAIR iCUE COMMANDER CORE XT Unit
- USB 2.0 Internal Header Cable
- Two Repositionable Temperature Sensors
- Mounting Adhesive Strips
- Documentation (User Guide, Warranty Information)

Your browser does not support the video tag.

Video: An unboxing and overview of the CORSAIR iCUE COMMANDER CORE XT and its included accessories.



Image: The CORSAIR iCUE COMMANDER CORE XT unit, cables, temperature sensors, and documentation laid out next to its packaging.

SETUP AND INSTALLATION

Follow these steps to install your COMMANDER CORE XT:

- Mounting the Unit:** The COMMANDER CORE XT features embedded magnets for easy attachment to any flat metal surface inside your PC case. Alternatively, use the included adhesive strips for non-magnetic surfaces.
- Power Connection:** Connect the SATA power cable from your power supply unit (PSU) to the COMMANDER CORE XT.
- USB Connection:** Connect the USB 2.0 internal header cable from the COMMANDER CORE XT to an available USB 2.0 header on your motherboard. The unit also provides a USB 2.0 pass-through port for connecting an additional internal USB device.
- Fan Connections:** Connect up to six 4-pin PWM fans to the 'FANS' headers (1-6) on the COMMANDER CORE XT.
- RGB Connections:** Connect your CORSAIR RGB fans to the 'RGB HUB' headers (1-6). For other CORSAIR RGB devices (e.g., Hydro X Series lighting, RGB LED Lighting PRO Expansion Kit light strips), use the dedicated 3-pin RGB header. The COMMANDER CORE XT intelligently detects connected CORSAIR RGB fans. *Note: CORSAIR SP RGB Series fans are not supported.*
- Temperature Sensors:** Connect the two included repositionable temperature sensors to the 'TEMP 1' and 'TEMP 2' ports. Place these sensors strategically within your system to monitor temperatures accurately.
- Software Installation:** Download and install the latest CORSAIR iCUE software from the official CORSAIR website. This software is essential for configuring and controlling your COMMANDER CORE XT.

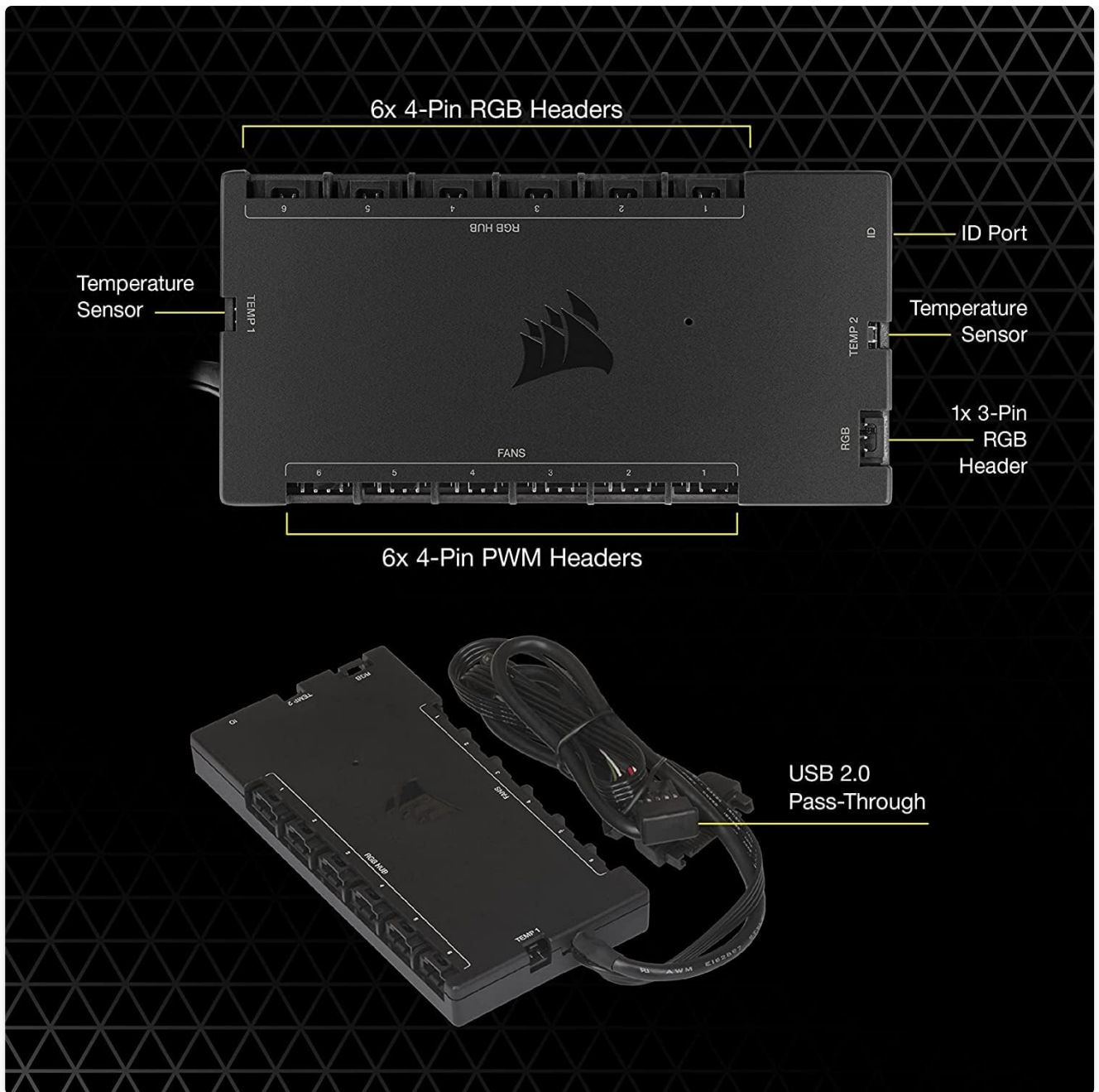



Image: A detailed diagram showing the various ports on the CORSAIR iCUE COMMANDER CORE XT, including PWM fan headers, RGB headers, temperature sensor ports, and the USB 2.0 pass-through.

WIDE COMPATIBILITY

COMMANDER CORE XT is compatible with your CORSAIR RGB fans and RGB components.




RGB FANS*
*SP120/SP140 RGB LED FANS ARE NOT SUPPORTED



RGB LED LIGHTING PRO EXPANSION KIT



LS100 EXPANSION KIT



HYDRO X SERIES

Image: Illustration of the wide compatibility of the COMMANDER CORE XT with various CORSAIR RGB fans and components, excluding SP series fans.

OPERATING INSTRUCTIONS

The CORSAIR iCUE software is the central interface for managing your COMMANDER CORE XT. Once installed and your device is connected, launch iCUE to access its features.

Fan Control

The COMMANDER CORE XT allows for precise control over up to six PWM fans. Within iCUE, you can:

- Adjust individual fan speeds.
- Set custom fan curves based on system temperatures.
- Enable Zero RPM mode to stop fans completely at low loads for silent operation.

PRECISE FAN CONTROL

Adjust fan speeds for up to 6x 4-Pin PWM fans, with Zero RPM mode to keep the noise down at low loads.



INTELLIGENT DETECTION

Automatically detects any combination of individually addressable CORSAIR RGB fans.*

*Not compatible with CORSAIR SP RGB Series fans.



Image: A PC case interior showcasing fans controlled by the COMMANDER CORE XT, highlighting precise fan control and intelligent detection.



PRECISE PWM FAN SPEEDS

Power and control up to six PWM fans, including Zero RPM mode to keep the noise down at low loads.

Image: Screenshot of the CORSAIR iCUE software interface demonstrating precise PWM fan speed control and custom fan curve settings.

RGB Lighting Control

Control up to 264 RGB LEDs across various CORSAIR RGB devices. The iCUE software provides extensive customization options:

- Choose from a wide array of lighting effects and colors.
- Synchronize lighting across all compatible CORSAIR RGB components.
- Create custom lighting profiles that can react to system temperatures or other parameters.

SYNCHRONIZED RGB LIGHTING

Control up to 264 total RGB LEDs for spectacular system-wide lighting effects from CORSAIR RGB devices.



Image: A PC setup with synchronized RGB lighting across various components, controlled by the COMMANDER CORE XT.

SYSTEM-WIDE RGB LIGHTING CUSTOMIZATION

Control up to 264 RGB LEDs out of the box – directly connect up to six CORSAIR RGB fans as well as an additional lighting channel for other CORSAIR RGB devices.

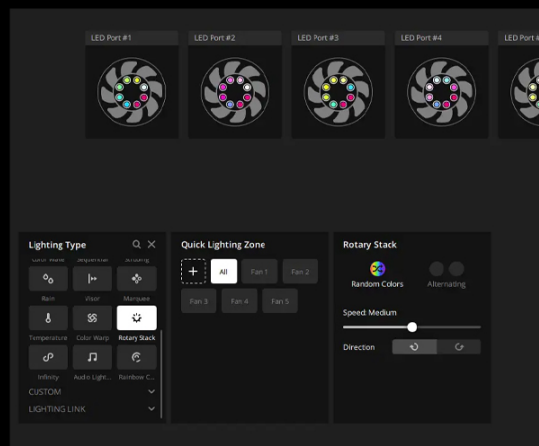


Image: Screenshot of the CORSAIR iCUE software interface for system-wide RGB lighting customization.

Temperature Monitoring

Utilize the two included temperature sensors to monitor various points within your system. The iCUE software displays real-time temperature data, allowing you to make informed decisions about cooling and fan profiles.

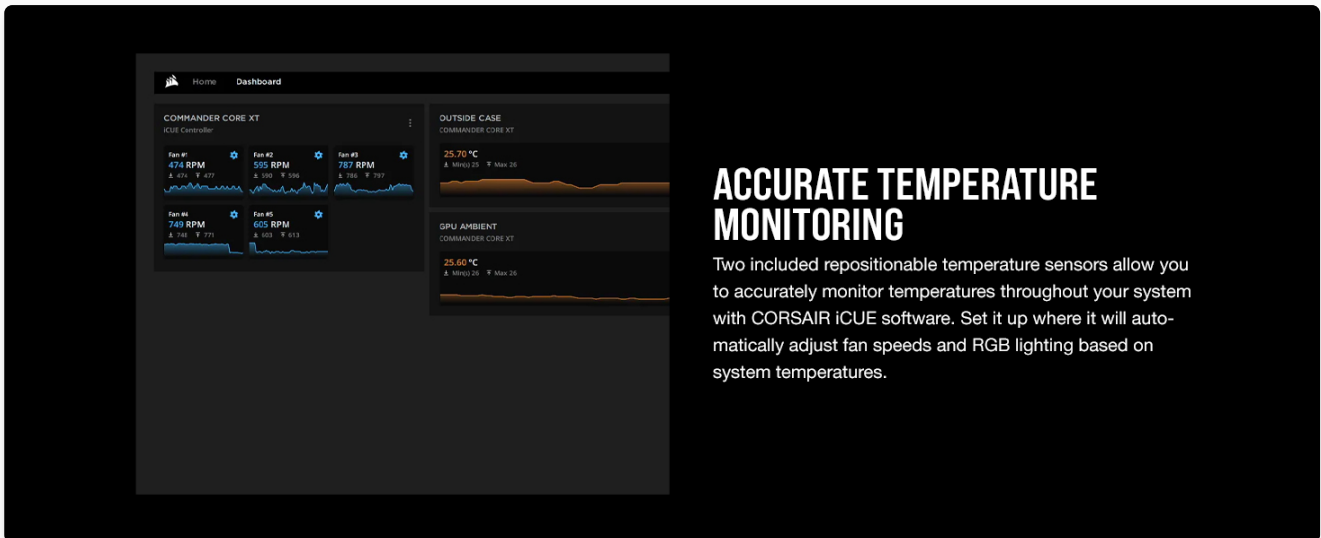


Image: Screenshot of the CORSAIR iCUE software dashboard displaying accurate temperature monitoring data from the connected sensors.

MAINTENANCE

The CORSAIR iCUE COMMANDER CORE XT requires minimal maintenance. Ensure the unit is kept free from dust and debris to maintain optimal performance. Periodically check cable connections to ensure they are secure. No user-serviceable parts are inside the unit.

TROUBLESHOOTING

Fans or RGB not responding in iCUE:

- Ensure the COMMANDER CORE XT is properly connected to your PSU via SATA power and to your motherboard via the USB 2.0 header.
- Verify that all fans and RGB components are securely plugged into the correct headers on the COMMANDER CORE XT.
- Restart the CORSAIR iCUE software. If the issue persists, try restarting your computer.
- Ensure you have the latest version of CORSAIR iCUE software installed.
- Check for any conflicting software that might interfere with iCUE's control over hardware.
- Confirm that your fans are compatible CORSAIR RGB fans (SP RGB Series fans are not supported by the COMMANDER CORE XT).

iCUE software crashes or freezes:

- Ensure your operating system and drivers are up to date.
- Try performing a clean reinstallation of the iCUE software.
- If other CORSAIR devices are connected, ensure their firmware is updated.

Temperature readings are inaccurate or missing:

- Ensure the temperature sensors are securely plugged into the 'TEMP' ports on the COMMANDER CORE XT.
- Verify the sensors are placed in locations where they can accurately measure temperatures without being obstructed or directly touching hot components.

SPECIFICATIONS

Feature	Detail
Model Number	CL-9011112-WW
Dimensions (LxWxH)	4.29 x 2.58 x 0.53 inches (10.9 x 6.55 x 1.35 cm)
Item Weight	4.4 ounces (0.13 kg)
Fan Channels	6x 4-pin PWM
RGB Channels	2 (supports up to 264 RGB LEDs)
Temperature Sensor Inputs	2
USB Pass-Through	1x USB 2.0
Power Input	SATA Power
Material	Brass (internal components)
Voltage	12 Volts

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official CORSAIR website or the documentation included with your product. You can also find the user guide in PDF format [here](#).

For further assistance, visit the [Corsair Store on Amazon](#).