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VORTEX RGB

SPB 120

PWM HDB COOLING KIT

LET IT SHINE!

REAL GEAR FOR REAL GAMERS

REAL GEAR FOR REAL GAMERS

OMNIDIRECTIONAL LIGHTING

360° of gorgeous lighting effects come to your case with COUGAR's most potent RGB fan lighting ever. The dual lighting circle of the fans combines with the semi-translucent fan blades to ensure that you can visualize the lighting effects from any angle.

100 LIGHTING EFFECTS WITH WIRELESS DRIVER-FREE CONTROL

Use the included wireless controller to choose among 100 amazing lighting effects, all without installing any software!

SUPPORT FOR DIRECT MOTHERBOARD CONNECTION

Connect the COUGAR Core Box V2 directly to the 5V RGB connectors of compatible ASUS, MSI or GIGABYTE motherboards for system-wide synchronization and full customization.

* Please note : Only 5V addressable header from compatible motherboards are supported; please do not connect the COUGAR Core Box V2 to a 12V Non-addressable header.

- Core Box V2 for up to 8 fans and 4 LED strips, with 3 VORTEX RGB SPB120 Fans included.
- The electrical consumption of a fully installed COUGAR Core Box V2 with 8 COUGAR VORTEX RGB fans and 4 COUGAR RGB LED strips is 40W(5V); please take this into account when choosing your power supply and designing your build.

FEATURES**ENGLISH**

- 24 RGB LEDS PER FAN + TRI-DIRECTIONAL LIGHTING DESIGN
- CORE BOX V2 SUPPORT 5V ADDRESSABLE HEADER TO COMPATIBLE MOTHERBOARDS
- 100 LIGHTING EFFECTS WITH WIRELESS CONTROL
- PATENTED COUGAR FAN DESIGN THAT OPTIMIZES AIRFLOW

DEUTSCH

- 24 RGB-LEDS PRO LÜFTER + TRIDIREKTIONALES BELEUCHTUNGSDESIGN
- CORE BOX V2 UNTERSTÜTZEN 5V-RGB-VERBINDUNG MIT KOMPATIBLEN MOTHERBOARDS
- 100 BELEUCHTUNGSEFFEKTE MIT KABELLOSER STEUERUNG
- PATENTIERTES COUGAR-LÜFTERDESIGN, DAS DEN LUFTSTROM OPTIMIERT

РУССКИЙ

- 24 RGB-СВЕТОДИОДОВ В КАЖДОМ ВЕНТИЛЯТОРЕ + ТРЕХСТОРОННИЙ ДИЗАЙН ПОДСВЕТКИ
- CORE BOX V2 ПОДДЕРЖИВАЕТ 5V ПОДКЛЮЧЕНИЕ RGB К СОВМЕСТИМЫМ МАТЕРИНСКИМ ПЛАТАМ
- 100 ЭФФЕКТОВ ПОДСВЕТКИ С БЕСПРОВОДНЫМ УПРАВЛЕНИЕМ
- ЗАПАТЕНТОВАННЫЙ ДИЗАЙН ВЕНТИЛЯТОРОВ COUGAR С ОПТИМИЗАЦИЕЙ ВОЗДУШНЫХ ПОТОКОВ

HUNGARIAN

- 24 RGB LED-LÁMPA MINDEN VENTILÁTORHOZ + HÁROMIRÁNYÚ VILÁGÍTÁS
- CORE BOX V2 TÁMOGATJAK AZ 5 V-OS RGB-CSATLAKOZÁST A KOMPATIBILIS ALAPLAPOKKAL
- 100 FÉNYEFFEKTUS VEZETÉK NÉLKÜLI VÉZÉRLŐVEL
- SZABADALMAZTATOTT COUGAR VENTILÁTORRAL TÖRTÉNO KIALAKÍTÁS, AMELY OPTIMALIZÁLJA A LEGÁRAMLATOT

PORTUGUÊS

- 24 LEDS RGB POR VENTILADOR + DESIGN DE ILUMINAÇÃO TRI-DIRECIONAL
- SUPORTE CORE BOX V2 5V RGB CONEXÃO A PLACAS MÃE COMPATIVÉIS
- 100 EFEITOS DE ILUMINAÇÃO COM CONTROLE WIRELESS
- DESIGN DE VENTILADOR COUGAR PATENTEADO QUE OTIMIZA O FLUXO DE AR

ESPAÑOL

- 24 LEDS RGB EN CADA VENTILADOR + DISEÑO DE ILUMINACIÓN TRIDIRECCIONAL
- CORE BOX V2 SOPORTA CONEXIÓN A PUERTOS RGB DE 5V EN PLACAS MADRE COMPATIBLES
- EFECTOS DE ILUMINACIÓN CON CONTROL INALÁMBRICO
- VENTILADORES CON DISEÑO PATENTADO QUE OPTIMIZA EL FLUJO DE AIRE

FRANÇAIS

- 24 LED RGB PAR VENTILATEUR + ÉCLAIRAGE À CONCEPTION TRIDIRECTIONNELLE
- CORE BOX V2 RACCORDEMENT RVB 5V SUR LES CARTES MÈRES COMPATIBLES
- 100 EFFETS LUMINEUX AVEC COMMANDE SANS FIL
- VENTILATEUR À CONCEPTION COUGAR BREVETÉE QUI OPTIMISE LE FLUX D'AIR

POLISH

- 24 DIOD RGB NA WENTYLATOR + OŚWIATLENIE TRÓJKIERUNKOWE
- CORE BOX V2 OBSŁUGUJĄ POŁĄCZENIE 5V RGB W KOMPATYBILNYCH PŁYTKACH GŁÓWNYCH
- 100 EFEKTÓW OŚWIATLENIA DZIEKI BEZPRZEWODOWEMU STEROWANIU
- OPATENTOWANA KONSTRUKCJA WENTYLATORA COUGAR ZAPEWNIAJĄCA OPTYMALIZACJĘ PRZEPŁYWU POWIETRZA

ITALIANO

- 24 LED RGB PER OGNI VENTOLA + DESIGN LUMINOSO TRIDIREZIONALE
- CORE BOX V2 SUPPORTANO LA CONNESSIONE RGB 5V SULLE SCHEDE MADRI COMPATIBILI
- 100 EFFETTI LUMINOSI AZIONABILI DAL CONTROLLER WIRELESS
- SISTEMA BREVETTATO COUGAR PER UN FLUSSO D'ARIA OTTIMIZZATO

中文

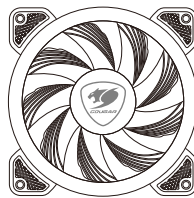
- 每个风扇有24颗RGB LED灯 + 3向背光设计
- CORE BOX V2 支援5V RGB 连接相容主机板
- 使用无线控制器可变换100种背光效果
- COUGAR风扇专利设计有效优化气流运行效果

日本語

- ファンは24 個のRGB LED搭載 + 3方向のライティング効果
- CORE BOX V2 互換性のあるマザーボードの5V RGBコネクタとの接続により、連動してのライティングが可能
- オペレーションによって100種類のRGB カラーを変更することが可能
- エアフローを最適化する特許取得済みのCOUGARファン設計

한국어

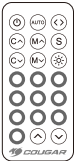
- 팬당 24 개의 RGB LED + 3 방향 조명 디자인
- 호환 마더 보드에 5V RGB 연결을 지원하는 CORE BOX V2
- 무선 제어를 통한 100 가지 조명 효과
- 공기 흐름을 최적화하는 특허받은 COUGAR 팬 디자인

CONTENTS

VORTEX RGB SPB120 x 3



Core Box V2



Wireless Controller



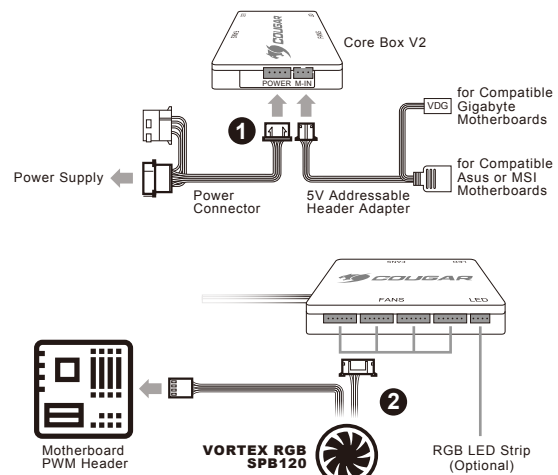
Power Connector



4 to 4 Pin Adapter x 3

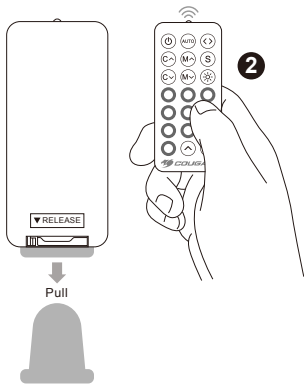


5V Addressable Header Adapter

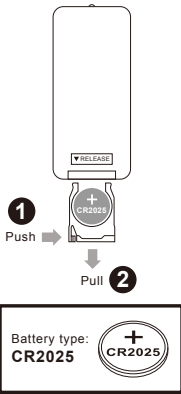
INSTALLATION

Core Box V2 for up to 8 fans and 4 LED strips, with 3 VORTEX RGB SPB120 Fans included.

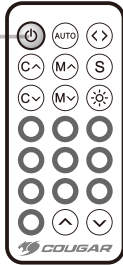
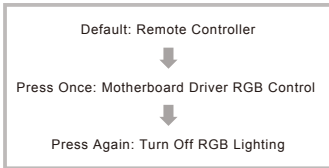
WIRELESS CONTROLLER



How to change the Battery

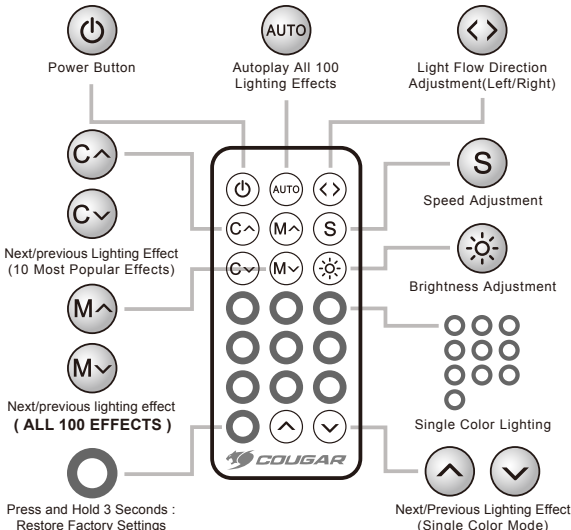


HOW TO SWITCH BETWEEN RGB CONTROL MODES *BY PRESSING THE POWER BUTTON



*This applies only to RGB devices connected to the COUGAR Core Box v2. Motherboard control is only available when the Core Box v2 is properly connected to a compatible motherboard's 5v Addressable RGB header.

REMOTE CONTROLLER MODE



- Press and hold for 5 seconds until the device's backlight changes to red : Bind your Core Box V2 to this Controller (If a nearby controller is interfering with your Core Box V2, you can make use of the binding functionality to prevent that Core Box V2 from receiving commands from any controller other than the one it's bound to)
- Press and hold for 5 seconds until the device's backlight changes to white : Unbind Your Core Box V2 (If you lose your controller after binding, use the new Controller to unbind the Core Box V2 before using it)

FAN SPECIFICATIONS

Dimension	120 x 120 x 25mm
Bearing	Hydro-Dynamic Bearing
Speed	PWM 600-1500 R.P.M
Air Flow	43.54 CFM 73.94 m ³ /h
Air Pressure	1.17mm H ₂ O
Fan Voltage	12 VDC
LED Voltage	5 VDC
Acoustical Noise	26 dBA
Cable Length	600mm
LED Lights	24
LED Power consumption	2.4W

The above specifications may vary by country or region

PACKAGE CONTAINS

VORTEX RGB SPB120 x 3
Core Box V2 & Power Connector
Wireless Controller
4 to 4 Pin Adapter x 3
5V Addressable Header Adapter
Fan Screws
User Manual

GLOBAL WARRANTY POLICY

WARRANTY PERIODS OF COUGAR GAMING DEVICES

Product : COUGAR VORTEX RGB SPB120 COOLING KIT

Warranty : 1 Year

This warranty gives you specific legal rights. You may also have other rights granted under local law. These rights may vary.

WARRANTY AGREEMENT

- If the product has defects in material or manufacture, COUGAR will provide product repair and replacement service within the warranty period.
- Our warranty service is based on the date of the invoice or warranty card (must be affixed with the store stamp).
- If you lose the aforementioned evidence, we will apply the original shipping date of the product as the beginning date of warranty period. The shipping date will be identified by the product serial number(S/N).

CONDITIONS WHERE FREE MAINTENANCE IS NOT PROVIDED

- Any fault or damage caused by natural disasters (including storm, fire, flood, war, pest, earthquake, etc).
- Any fault or damage caused by accidental factors and man-made reasons (including hit, scrape, crash, moving, compression, stain, corrosion, use of included on unsuitable voltage, computer virus, riot, misuse, malicious damage, etc).
- Use in an improper operating environment (including high temperature, high humidity, water inflow, etc).
- Inability to provide the product warranty card, purchase receipt or invoice to prove the product is still within the warranty period and the shipping date of the product is out of warranty.
- The warranty card or product serial number has been altered or its number is hard to identify.
- The warranty period has expired.
- Any fault or damage caused by non-compliance with regulations stated on the user manual or improper, rough and careless treatment.
- Any fault or damage caused by use of parts not certified by COUGAR original manufacturer.
- The problem is caused by improper repair or adjustment by the buyer or any manufacturer without authorization from COUGAR.
- The product is not acquired from an authorized distributor of the company or is acquired from illicit sources.
- Paper carton, instruction and other accessories are not warranted.

DISCLAIMERS

- COUGAR product is not authorized for use as critical components in life support device or for incorrect application software or malfunction of the product.
 - COUGAR is not liable for the death or damage of person or loss of property when product is using as, including but not limited to, medical equipment, military equipment, traffic equipment and disaster prevention system.
 - COUGAR is not liable for any damages, expenses, lost data, lost revenues, lost savings, lost profits, or any incidental or consequential damages due to using defect product of COUGAR.
- If you have any question about the warranty, please feel free to contact us. Customer support: <https://cougargaming.com/support/contact/upload/>

LEGAL NOTICES

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ДАТА ИЗГОТОВЛЕНИЯ ПРОДУКЦИИ

год и месяц изготовления продукции указаны в серийном номере продукта. (существует 2 способа определения даты изготовления, оба способа описаны ниже)

A После S/N: первые две цифры означают год, вторые две – месяц изготовления. Например, S/N: H1702000001 означает, что товар был произведен в феврале 2017 года.

B После S/N: если указаны буквы, то две буквы представляют цифры из таблицы ниже, и означают год, следующие две цифры – месяц изготовления. Например, S/N: DAG02REV1000001 означает, что товар был произведен в феврале 2017 года.

A	B	C	D	E	F	G	H	I	J
1	2	3	4	5	6	7	8	9	0

* Например, AG = 17 = 2017 год