



VULCAN™ TKL

QUICK START GUIDE
GUIDE DE DÉMARRAGE RAPIDE

TECHNICAL FACTS | INFORMATIONS TECHNIQUES

TECHNICAL SPECIFICATIONS

- Connectivity: USB-A Wired
- Cable: Detachable USB-A to USB-C 1.8m / 5.9ft
- Lighting: RGB Per-Key Illumination
- Switches: TITAN Mechanical
- Switch Lifecycle: 50M Keystrokes
- Processor: 32-Bit ARM Cortex M0 Based Processor
- Polling Rate: 1000 Hz
- Adjustable Height: Yes, Single Kickstand
- Keyboard Rollover: Full Keys, Anti-Ghosting
- On-Board Memory: Yes
- Software: Swarm™ II

SYSTEM REQUIREMENTS

- Windows® 10 and above (software support)
- USB 2.0 (or higher)
- Internet connection (for driver software)

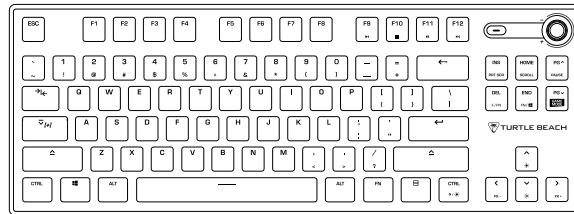
SPÉCIFICITÉS TECHNIQUES

- Connectivité : USB-A filaire
- Câble : USB-A vers USB-C détachable de 1,8 m / 5,9 ft
- Éclairage : Illumination RVB touche par touche
- Interrupteurs : TITAN Mécanique
- Durée de vie : 50 millions d'activation par interrupteur
- Processeur : ARM Cortex M0 32 bits
- Taux d'interrogation : 1000 Hz
- Hauteur réglable : Oui, une position
- Technologie : Complet, Anti-Ghosting
- Mémoire embarquée : Oui
- Logiciel : Swarm™ II

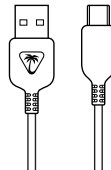
CONFIGURATION PC REQUISE

- Windows® 10 et supérieur (support logiciel)
- USB 2.0 (ou plus)
- Connexion Internet (pour le logiciel)

PACKAGE CONTENTS | CONTENU DE LA BOÎTE



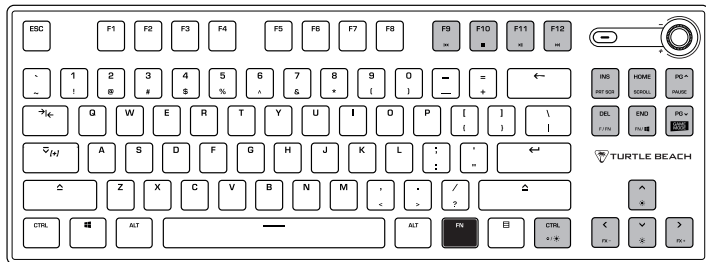
Vulcan™ TKL
Vulcan™ TKL



USB-A to USB-C Cable
Câble USB-A vers USB-C

ADDITIONAL FN-LAYER FUNCTIONALITY

COUCHE DE FONCTIONNALITÉ ADDITIONNELLE



Additional FN-Layer functionality
(Press FN-key + second key)

Couche de fonctionnalité additionnelle
(touche FN + fonction secondaire)

ADDITIONAL FN-LAYER FUNCTIONALITY

COUCHE DE FONCTIONNALITÉ ADDITIONNELLE

STANDARD

FUNCTION	ACTION	FONCTION	ACTION
FN + F9	Skip to backward track	FN + F9	Morceau précédent
FN + F10	Stop	FN + F10	Stop
FN + F11	Track Play/Pause	FN + F11	Lecture/pause de la piste
FN + F12	Skip to forward track	FN + F12	Morceau suivant
FN + Right Ctrl	Toggle LEDs On/Off	FN + Ctrl Droit	Allumer/éteindre le rétroéclairage LED
FN + Arrows Up	LED Brightness Up	FN + Flèche du haut	Augmenter la luminosité du rétroéclairage
FN + Arrows Down	LED Brightness Down	FN + Flèche du bas	Réduire la luminosité du rétroéclairage
FN + Arrows Left	Cycle RGB Effects	FN + Arrows Gauche	Mode lumineux des LED
FN + Arrows Right	Cycle RGB Effects	FN + Arrows Droit	Mode lumineux des LED
FN + INS	Print Screen	FN + INSER	Impression
FN + HOME	Scroll	FN + DÉBUT	Scroll
FN + Page Up	Pause	FN + PAGE HAUT	Pause
FN + DEL	Toggle change F9 – F12 secondary and main functions	FN + SUPPR	Basculement entre les fonctions principales et secondaires F9-F12
FN + END	Swap Win key and Fn key function	FN + FIN	Intervertir les fonctions des touches Windows et FN
FN + Page Down	Toggle Game Mode	FN + PAGE BAS	Activation du Game Mode
Caps Lock	Toggle Easy-Shift[+]™	Verr. Maj.	Activation Easy-Shift[+]™

STANDARD

EN**INSTRUCTIONS**

1. For a more ergonomic position, fold out the stands on the base of the keyboard.
2. Plug the Turtle Beach Vulcan TKL's USB connector into any free USB port on your PC and the USB-C connector to the back of the Turtle Beach Vulcan TKL.
3. Start your computer and connect to the internet.
4. Navigate to www.turtlebeach.com/swarm2 and download the latest driver.
5. Start the software installation process and follow the on-screen instructions

DE**ANLEITUNG**

1. Für einen ergonomischeren Stand klappe die Füße an der Unterseite der Tastatur aus.
2. Schließe das USB-Kabel der Turtle Beach Vulcan TKL an einen beliebigen freien USB-Port an deinem PC an und stecke den USB-C-Stecker in den Anschluss auf der Rückseite der Turtle Beach Vulcan TKL.
3. Starte deinen Computer und stelle eine Verbindung zum Internet her.
4. Gehe auf www.turtlebeach.com/swarm2 und lade den neuesten Treiber herunter.
5. Starte die Software-Installation und folge den Anweisungen.

FR**INSTRUCTIONS**

1. Dépliez les pieds sur la face inférieure du clavier pour une plus grande ergonomie.
2. Branchez l'embout USB du Turtle Beach Vulcan TKL dans n'importe quel port USB de votre PC et l'embout USB-C à l'arrière du Turtle Beach Vulcan TKL.
3. Allumez votre PC et connectez-vous à internet.
4. Téléchargez le tout dernier pilote sur www.turtlebeach.com/swarm2
5. Débutez l'installation du programme et suivez les indications.

ES**INSTRUCCIONES**

1. Para un equilibrio más ergonómico, saca las patas que están debajo del teclado.
2. Enchufa el conector USB del Turtle Beach Vulcan TKL a un puerto USB libre en tu PC y el conector USB-C en la parte posterior del Turtle Beach Vulcan TKL.
3. Inicie el ordenador y conéctese a internet.
4. Ve a www.turtlebeach.com/swarm2 y descarga el controlador más reciente.
5. Inicie el proceso de instalación de software y siga las instrucciones de la pantalla.

KO**지시사항**

1. 인체공학적 포지션의 우수한 실현을 위해, 키보드의 베이스에 스탠드를 펼친다.
2. PC의 빈 USB 포트에 Turtle Beach Vulcan TKL의 USB 커넥터를 꽂고, Turtle Beach Vulcan TKL 후면에 USB-C 커넥터를 꽂으세요.
3. 컴퓨터를 부팅하여 인터넷에 연결하십시오.
4. www.turtlebeach.com/swarm2 으로 이동해 최신 버전의 드라이버를 다운로드하세요.
5. 소프트웨어 설치 과정을 시작하고 화면상 지침을 따르십시오.

JP**使用説明**

1. キーボード底面のスタンドを立てると人間工学的によりよいポジションで使用できます。
2. Turtle Beach Vulcan TKLのUSBコネクタを、ご利用中のPCの空いているUSBポートに接続し、USB-CコネクタをTurtle Beach Vulcan TKLの背部に接続してください。
3. コンピュータを起動し、インターネットに接続します。
4. www.turtlebeach.com/swarm2 にアクセスし、最新のドライバをダウンロードしてください。
5. ソフトウェアインストール処理を開始し、画面上の指示に従います。

Regulatory Compliance Statements for the Vulcan TKL**Federal Communications Commission (FCC) Compliance Notices
Class B Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15, Subpart B of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: [1] This device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired operation. This product is compliant with the Consumer Product Safety Improvement Act of 2008, Public Law 110-314 (CPSIA)



This 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.

Turtle Beach Europe Ltd is obligated as a producer with a main activity of selling under The Producer Responsibility Obligations (Packaging Waste) Regulations 2007. To fulfill our obligation we are registered with Comply Direct and their Recycling Room. Here you will find advice and information on packaging waste management, recycling symbols and the waste hierarchy principles of reduce, reuse and recycle. <https://www.complydirect.com/the-recycling-room/>

For instructions in other languages, please visit www.turtlebeach.com/homologation

For warranty information and service, please visit www.turtlebeach.com/warranty

WARRANTY SERVICE FOR PURCHASES IN AUSTRALIA

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. For complete details please visit www.turtlebeach.com/warranty.

To make a warranty claim in Australia during the Warranty Period, Purchaser should contact the VTB repair centre: Tecworks International Pty Ltd, 13 Distribution Place, Seven Hills NSW 2147, Tel: 1300 074 512

Hereby, Voyetra Turtle Beach, Inc. declares that **Vulcan TKL** is in compliance with Directive 2014/30/EU (EMC), 2014/35/EU (Safety), 2015/863 amending Annex II to 2011/65/EC (RoHS), 2012/19/EU (WEEE), 2006/1907/EU (REACH), 94/92/EU (PACKAGING), Electromagnetic Compatibility Regulations 2016 (EMC), Electrical Equipment Regulations 2016 (Safety), The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

The full text of the EU/UK declaration of conformity is available at the following internet address: <http://www.turtlebeach.com/homologation>

VOYETRA TURTLE BEACH, INC. | 44 SOUTH BROADWAY, 4TH FLOOR, WHITE PLAINS, NY 10601, USA

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BSMI 限用物質聲明表查詢,請上 <https://bsmi.turtlebeach.com/>

有害物质名称及含量标识格式 产品中有有害物质名称及含量

部件名称	有害物质					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr+6)	多溴联苯(PBB)	多溴二苯醚(PBDE)
电路板组件	X	0	0	0	0	0
金属部件	0	0	0	0	0	0
线材	0	0	0	0	0	0
塑料部件	0	0	0	0	0	0

本表格依据SJ / T 11364的规定编制。

0: 表示该有害物质在该部件所有均质材料中的含量均在GB / T 26572规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB / T 26572规定的限量要求。

この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。 VCCI - B



P/N: 430-006-005-500 RB



D3D362
RoHS

R-R-VTB-VULCAN-TKL



TURTLE BEACH™



Any questions? Des questions?
www.turtlebeach.com/support

Please register your product to receive important updates.
Enregistrez votre produit pour recevoir les mises à jour importantes.
www.turtlebeach.com/productregistration

For warranty, visit:
Concernant la garantie, visitez :
www.turtlebeach.com/warranty