



TeamConnect Bar

Model: TC Bar S
TC Bar M

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SENNHEISER

Loudspeaker	
Number of speakers	2 with passive radiator
Type	fullrange
Diameter	50 mm (2")
Amplifier	Class-D
Max. SPL (output)	80 dB SPL
Total Audio Power (RMS/PEAK)	10 W / 20 W

Microphones	
Transducer principle	MEMS
Pick-up pattern	Adaptive Beamforming Array

Camera	
Sensor	8 MP
Technology	ePTZ
Diagonal field of view	120°
Horizontal field of view	115°

Interfaces	
HDMI out	HDMI 2.0
USB-C	USB 3.1 (Gen 1)
USB-A	USB 3.1 (Gen1)
power output	5 V  , max. 900 mA
Ethernet	1 x 1000/100/10 Mbit/s (RJ45) Note: Only use network cables with the standard CAT5e (F/STP) or better.
DC IN dimension	5.5 x 2.1 x 10.5 mm

Power Supply TC Bar S Model: S050-1A180500M2	
Dimensions (L x W x H)	108 x 52 x 34 mm
Weight	300 g
Input (AC)	100-240 V~, 50/60 Hz, 1.5 A
Output (DC)	15 V  , max. 3 A, 45 W
AC plug type	2-pin
DC out dimension	5.5 x 2.1 x 11 mm
Relative humidity operation	20 to 98 %, non-condensing
Relative humidity storage	20 to 98 %, non-condensing
Operating temperature	0° C to 40 °C 32 °F to 104 °F
Storage temperature range	-40 °C to 80 °C -40 °F to 176 °F

TeamConnect Bar M General	
Dimensions (L x W x H)	750 x 71 x 95 mm
Weight	2.5 kg
Operating temperature range	0 °C to 40 °C 32 °F to 104 °F
Storage temperature range	-25 °C to 70 °C -13 °F to 158 °F
Relative humidity operation	0 to 75 %, non-condensing
Relative humidity storage	0 to 95 %, non-condensing
DC IN	18 V  , max. 4 A
Max. power consumption	72 W
Voltage range PoE (PSE)	44.0 - 57.0 V  (IEEE 802.3at Type 1, PoE)

Power State Information	
Standby Mode (all ports deactivated)	≤ 0.50 W (Entered after 2 hours with no activity on any network port)
Networked Standby (all ports activated)	≤ 2.00 W (Entered after 18 minutes of inactivity)
Networked Standby (all ports activated)	≤ 2.00 W

Network port deactivation/activation procedures:	
Wi-Fi	Deactivate by pressing the Reset switch on TC Bar for 5 sec, or by disabling the Wi-Fi switch on the TC Bar tab in the Sennheiser Control Cockpit Software.

	Activate by enabling the Wi-Fi switch on the TC Bar tab in the Sennheiser Control Cockpit Software.
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	Deactivate by disabling the Bluetooth switch on the TC Bar tab in the Sennheiser Control Cockpit Software.
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Blue-tooth®	Deactivate by enabling the Bluetooth switch on the TC Bar tab in the Sennheiser Control Cockpit Software.
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	Deactivate by disabling the HDMI switch on the TC Bar tab in the Sennheiser Control Cockpit Software.
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HDMI®	Deactivate by enabling the HDMI switch on the TC Bar tab in the Sennheiser Control Cockpit Software.
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	Deactivate by removing the Ethernet cable.
Ethernet	Activate by inserting the Ethernet cable.

	Deactivate by removing the USB cable.
USB	Activate by inserting the USB cable.

The product, in accordance with the Ecodesign Requirements for Energy Related Products Directive 2009/125/EC, is in compliance with the following norm(s) or document(s): Regulation (EC) No. 1275/2008, as amended by Regulation (EU) No. 801/2013.

Loudspeaker	
Number of speakers	4 with passive radiator
Type	fullrange
Dimensions	50 mm (2")
Amplifier	Class-D
Max. SPL (output)	84 dB SPL
Total Audio Power (RMS/PEAK)	20 W / 40 W

Microphones	
Transducer principle	MEMS
Pick-up pattern	Adaptive Beamforming Array

Camera	
Sensor	8 MP
Technology	ePTZ
Diagonal field of view	120°
Horizontal field of view	115°

Interfaces	
HDMI out 1	HDMI 2.0
HDMI out 2	HDMI 2.0
USB-C	USB 3.1 (Gen 1)
USB-A	USB 3.1 (Gen 1)
power output	5 V  , max. 900 mA
Ethernet	2 x 1000/100/10 Mbit/s (RJ45) Note: Only use network cables with the standard CAT5e (F/STP) or better.
DC IN dimension	5.5 x 2.1 x 10.5 mm

Power Supply TC Bar M Model: E096-1A180500B3	
Dimensions (L x W x H)	148 x 60 x 34 mm
Weight	600 g
Input (AC)	100-240 V~, 50/60 Hz, 1.5 A
Output (DC)	18 V  , max. 5 A, 90 W
AC plug type	3-pin
DC out dimension	5.5 x 2.1 x 11 mm
Relative humidity operation	20 to 98 %, non-condensing
Relative humidity storage	20 to 98 %, non-condensing
Operating temperature	0 °C to 40 °C 32 °F to 104 °F
Storage temperature	-40 °C to 80 °C -40 °F to 176 °F

Wi-Fi	
Standard	IEEE 802.11a /b /g /n /ac
Transmission system	SISO (Single-In, Single-Out)
Frequency ranges (max. RF output power)	2412 MHz – 2472 MHz (max. 20 dBm RF power) 5150 MHz – 5350 MHz (max. 23 dBm RF power) 5470 MHz – 5725 MHz (max. 23 dBm RF power) 5725 MHz – 5850 MHz (max. 14 dBm RF power)
Modulation	64QAM, 16QAM, QPSK, BPSK, CCK, DQPSK, DBPSK

Bluetooth®
Version 5.1
Transmission frequency 2402 MHz - 2480 MHz
Modulation GFSK, π/4 DQPSK, 8DPSK
Profiles A2DP, HFP, AVRCP
Max. RF output power 10 dBm
Codec SBC

For the frequency range 5150 MHz - 5350 MHz this device is restricted to indoor use for all EU member states as listed below:

Certifications & Compatibility	
Microsoft Teams, Zoom, Barco Clickshare, HDMI, Audinate Dante	
RC TC Bar	
Transmission	infrared
Range	approx. 6 m
Power Supply	2 AAA batteries, 1.5 V (alkali manganese)
Dimensions (L x W x H)	126 x 40 x 14 mm
Weight	
Remote Control	60 g (incl. batteries)
Holder	160 g
Temperature range	-10 °C to 50 °C 14 °F to 122 °F

Mounting Kit Bar S	
Dimensions (L x W x H)	199 x 62 x 74 mm
Weight	ca. 340 g

Mounting Kit Bar M	
Dimensions (L x W x H)	268 x 66 x 86 mm
Weight	ca. 520 g

DE

Bestimmungsgemäßer Gebrauch

Das Produkt ist für den Einsatz in Innenräumen konzipiert. Das Produkt darf gewerblich verwendet werden.

Als nicht bestimmungsgemäßer Gebrauch gilt, wenn Sie das Produkt anders benutzen, als in der zugehörigen Bedienungsanleitung beschrieben.

Sennheiser übernimmt keine Haftung bei Missbrauch oder nicht ordnungsgemäßigem Gebrauch des Produkts sowie der Zusatzgeräte/Zubehörteile.

Sennheiser haftet nicht für Schäden an externen Geräten, die nicht im Einklang mit den Spezifikationen der Geräteschnittstellen sind.

Herstellererklärungen

Hinweise zu personenbezogenen Daten

Dieses Produkt mit integriertem Datenspeicher kann sensible, personenbezogene Daten enthalten.

Bitte beachten Sie, dass Sie für die sichere Löschung der Daten bei Verkauf/Weitergabe oder bei der Entsorgung des Produkts selbst verantwortlich sind, um eine missbräuchliche Verwendung der Daten auszuschließen.

Garantie

Sennheiser electronic GmbH & Co. KG übernimmt für diese Produkte eine Garantie von 24 Monaten.

Die aktuell geltenden Garantiebedingungen können Sie über das Internet www.sennheiser.com oder Ihren Sennheiser-Partner beziehen.

In Übereinstimmung mit den folgenden Anforderungen

- WEEE-Richtlinie (2012/19/EU)   
- Batterierichtlinie (2006/66/EG & 2013/56/EU)

Hinweise zur Entsorgung

Das Symbol der durchgestrichenen Mülltonne auf dem Produkt, Batterie/Akku (falls zutreffend) und/oder der Verpackung weist Sie darauf hin, dass diese Produkte nicht über den normalen Hausmüll entsorgt werden dürfen, sondern am Ende ihrer Lebensdauer getrennt entsorgt werden müssen. Für die Verpackung beachten Sie die Abfalltrennung in Ihrem Land. Nicht sachgerechte Entsorgung von Verpackungsmaterialien kann Ihre Gesundheit und die Umwelt schädigen.

Die getrennte Sammlung von Elektro- und Elektronik-Altgeräten, Batterien/Akkus (falls zutreffend) und Verpackungen dient dazu, die Wiederverwendung und das Recycling zu fördern und negative Auswirkungen auf Ihre Gesundheit und die Umwelt zu verhindern, z. B. durch potenziell gefährliche Stoffe, die in diesen Produkten enthalten sind. Führen Sie Elektro- und Elektronikgeräte und Batterien/Akkus am Ende ihrer Lebensdauer dem Recycling zu, um enthaltene Wertstoffe nutzbar zu machen und eine Vermüllung der Umwelt zu vermeiden.

Wenn Batterien/Akkus zerstörungsfrei entnommen werden können, haben Sie die Pflicht, diese getrennt der Entsorgung zuzuführen (zur sicheren Entnahme von Batterien/Akkus siehe Bedienungsanleitung des Produkts). Gehen Sie insbesondere mit lithiumhaltigen Batterien/Akkus vorsichtig um, da diese besondere Risiken beinhalten wie Brand- und/oder Verschickungsgefahr bei Knopfzellen. Reduzieren Sie die Entstehung von Abfällen aus Batterien soweit wie möglich, indem Sie Batterien mit längerer Lebensdauer oder wiederaufladbare Akkus einsetzen.

Weitere Informationen über das Recycling dieser Produkte erhalten Sie bei Ihrer Gemeindeverwaltung, bei den kommunalen Sammelstellen oder bei Ihrem Sennheiser-Partner. Elektro- oder Elektronikeräte können Sie auch bei rücknahmepflichtigen Vertreibern zurückgeben. Damit leisten Sie einen wichtigen Beitrag zum Schutz der Umwelt und der öffentlichen Gesundheit.

Am Ende der Lebensdauer des Gerätes hat der Endnutzer die Möglichkeit, sich zur Rückgabe direkt an unseren Entsorgungspartner für die fachgerechte Entsorgung von Elektrogeräten zu wenden. Nähere Informationen finden Sie unter: www.sennheiser.com/entsorgung

EU-Konformitätserklärung

- RoHS-Richtlinie (2011/65/EU)

Hiermit erklärt Sennheiser electronic GmbH & Co. KG, dass der Funkanlagentyp TC Bar S | TC Bar M der Richtlinie 2014/53/EU entspricht.

Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:

www.sennheiser.com/download

EN

Intended use

The product is designed for indoor use.

The product can be used for commercial purposes.

It is considered improper use when the product is used for any application not named in the corresponding instruction manual.

Sennheiser does not accept liability for damage arising from improper use or misuse of this product and its attachments/accessories.

Sennheiser is not liable for damage to external devices that do not meet the specifications of the device interfaces.

Manufacturer declarations

Notes on personal data

This product with integrated data storage may contain sensitive personal data.

Please note that you are responsible for the secure deletion of data in order to prevent data misuse if the product is sold/ passed on or disposed of.

Warranty

Sennheiser electronic GmbH & Co. KG gives a warranty of 24 months on these products.

For the current warranty conditions, please visit our website at www.sennheiser.com or contact your Sennheiser partner.

Warranty FOR AUSTRALIA and NEW ZEALAND ONLY:

Sennheiser Australia Pty Ltd provides a warranty of 24 months on these products.

For the current warranty conditions, visit Sennheiser website:

Australia: <https://en-au.sennheiser.com/>

New Zealand: <https://en-nz.sennheiser.com/>

Sennheiser goods come with guarantees that cannot be excluded under Australian and New Zealand Consumer law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is in addition to other rights or remedies under law. Nothing in this warranty excludes, limits or modifies any remedy available to be consumer which is granted by law.

To make a claim under this contract, raise a case via Sennheiser website

Australia: <https://en-au.sennheiser.com/service-support-contact>

New Zealand: <https://en-nz.sennheiser.com/service-support-contact>

All expenses of claiming the warranty will be borne by the person making the claim.

Sennheiser international warranty is provided by: Sennheiser Australia Pty Ltd (ABN 68 165 388 312) Level 14, Tower A Zenith Building, 821 Pacific Highway, Chatswood NSW 2067, Australia

In compliance with the following requirements

- EU:
 - WEEE Directive (2012/19/EU)   
 - Battery Directive (2006/66/EC & 2013/56/EU)
- UK:
 - WEEE Regulations (2013)
 - Battery Regulations (2015)

Notes on disposal

The symbol of the crossed-out dumpster on the product, the (rechargeable) battery (if applicable) and/or the packaging indicates that these products must not be disposed of with normal household waste, but must be disposed of separately at the end of their service life. For the packaging, follow the regulations in your country for separating waste. Improper disposal of packaging materials can be harmful to your health and the environment.

The separate collection of waste electrical and electronic equipment, (rechargeable) batteries (if applicable) and packaging is intended to promote reuse and recycling and to prevent negative impacts on public health and the environment, for example due to hazardous substances contained in these products. At the end of their service life, recycle electrical and electronic equipment and (rechargeable) batteries so that their materials can be reused and to prevent environmental pollution.

If (rechargeable) batteries can be removed without destroying them, you are obliged to dispose of them separately (see the product's operating instructions for information on how to remove the batteries safely). Be especially careful when handling (rechargeable) batteries containing lithium, as these pose special hazards, such as the risk of fire and/or health risks if button cells are swallowed. Reduce battery waste as much as possible by using longer-life batteries or rechargeable batteries.

Further information on the recycling of these products can be obtained from your municipal administration, from the municipal collection points, or from your Sennheiser partner. You may also be able to return electrical or electronic equipment to your distributor, if they are legally required to do so. By disposing of your batteries properly, you are helping to protect public health and the environment.

UK Declaration of conformity

- RoHS Regulations (2012/19/EU)

Hereby, Sennheiser electronic GmbH & Co. KG declares that the radio equipment type TC Bar S | TC Bar M is in compliance with Directive 2014/53/EU.

Importer: Sennheiser UK Ltd.

Pacific House, Third Avenue, Globe Park, Marlow Buckinghamshire SL7 1EY, United Kingdom

EU Declaration of conformity

- RoHS Directive (2011/65/EU)

- Radio Equipment Regulations (2017)

The full text of the EU declaration of conformity is available at the following internet address: www.sennheiser.com/download

Statements regarding the FCC and ISED

This device complies with Part 15 of the FCC rules, RSS-247 of Innovation, Science and Economic Development Canada (ISED). 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.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Where applicable, antenna type(s), antenna model(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 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.
- Changes or modifications made to this equipment not expressly approved by Sennheiser electronic Corp. may void FCC authorization to operate this equipment.
- RF Radiation Exposure Information**
- This device meets FCC/ISED RF exposure guidelines for an uncontrolled environment. Use of other accessories not verified by the manufacturer may not ensure compliance with FCC / ISED RF exposure guidelines. The equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- In the US please contact:
- Sennheiser Electronic Corporation
1 Enterprise Drive, Old Lyme, CT 06371
www.sennheiser.com

from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

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In the US please contact:

Sennheiser Electronic Corporation

1 Enterprise Drive, Old Lyme, CT 06371

www.sennheiser.com

FR

Utilisation conforme aux directives

Le produit est prévu pour une utilisation en intérieur.

Le produit peut être utilisé à des fins commerciales.

Est considérée comme non conforme aux directives toute utilisation du produit autre que celle décrite dans la notice d'emploi correspondante.

Sennheiser décline toute responsabilité en cas de dommage résultant d'une mauvaise utilisation ou d'une utilisation abusive du produit et de ses accessoires.

Sennheiser décline toute responsabilité en cas de dommage sur les appareils externes qui ne répondent pas aux spécifications des interfaces de l'appareil.

Déclarations du fabricant

Notes sur les données à caractère personnel

Ce produit avec mémoire de données intégrée peut contenir des données à caractère personnel sensibles.

Veillez noter que si le produit est vendu/transmis à un autre utilisateur ou éliminé comme déchet, vous êtes responsable de la suppression sécurisée des données afin d'éviter tout usage abusif des données.

Garantie

Sennheiser electronic GmbH & Co. KG offre une garantie de 24 mois sur ce produit.

Pour avoir les conditions de garantie actuelles, veuillez visiter notre site web www.sennheiser.com ou contactez votre partenaire Sennheiser.

En conformité avec les exigences suivantes

Directive DEEE (2012/19/EU)   
Directive Piles et Accumulateurs (2006/66/CE & 2013/56/EU)

Notes sur la gestion de fin de vie

Le symbole de la poubelle sur roues barrée d'une croix sur le produit, la pile/batterie (le cas échéant) et/ou l'emballage signifie que ces produits ne doivent pas être jetés dans les ordures ménagères mais doivent faire l'objet d'une collecte séparée lorsqu'ils sont arrivés en fin de vie. Pour les déchets d'emballages, veuillez respecter le tri sélectif des déchets en vigueur dans votre pays. La collecte de fin de vie des matériaux d'emballage non conforme peut endommager votre santé et l'environnement.

L'objectif principal de la collecte séparée des déchets d'équipements électriques et électroniques, des piles/batteries (le cas échéant) et des emballages est de promouvoir le réemploi et le recyclage et de prévenir les effets négatifs sur la santé et l'environnement dus à des polluants potentiellement contenus dans ces produits. Veillez à recycler les équipements électriques et électroniques ainsi que les piles/batteries arrivées en fin de vie afin de rendre utilisables les matériaux recyclables qu'ils contiennent et d'éviter de polluer l'environnement.

Lorsque les piles/batteries peuvent être retirées sans être détruites, vous êtes dans l'obligation de les soumettre à une collecte séparée (afin de retirer les piles/batteries en toute sécurité, veuillez vous reporter à la notice d'emploi). Veillez tout particulièrement à manipuler prudemment les piles/batteries contenant du lithium car celles-ci présentent un risque particulier d'incendie et/ou d'ingestion dans le cas des piles boutons. Veillez réduire dans la mesure du possible la production de déchets dus aux piles en utilisant des piles dotées d'une durée de vie plus longue ou des batteries rechargeables.

Vous obtiendrez plus d'informations sur le recyclage de ces produits auprès de votre municipalité, auprès des points de collecte communaux ou auprès de votre partenaire Sennheiser. Vous pouvez également renvoyer les équipements électriques et électroniques auprès d'un distributeur habilité à les reprendre. Ce faisant, vous apportez une contribution essentielle à la protection de l'environnement et de la santé publique.

Déclaration UE de conformité

- Directive RoHS (2011/65/EU)

Le soussigné, Sennheiser electronic

