

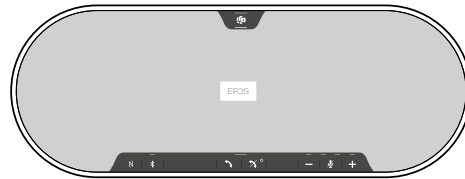
## Bluetooth® speakerphone EXPAND 80 | EXPAND 80T | Bluetooth® dongle BTD 800 USB


Specifications | Technische Daten | Caractéristiques techniques | Specifiche | Especificaciones técnicas | Especificações | Technische specificaties | Προδιαγραφές | Specificationer | Specificationer | Tekniset tiedot | Спецификации | Технические характеристики | 技术参数 | 規格 | Özellikler | 仕様 | Spesifikasi | 기술 데이터 | Technické údaje | Műszaki leírás | Спецификации | Tehnilised andmed | Specificācija | Specifikācijas | Specificații | Technické údaje | Specifikacije | Specifikacije

Speakerphone EXPAND 80



Speakerphone EXPAND 80T

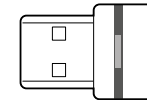



Dimensions (L x W x H)	315.6 x 118.6 x 46.1 mm / 12.4 x 4.7 x 1.8 in	
Weight	980 g / 34.57 oz	
Speaker type	Neodymium magnet	
Speaker frequency response	Communication (USB / Bluetooth)	150 – 7,500 Hz
	Media streaming (USB / Bluetooth)	50 – 20,000 Hz
Microphone type	Beamforming Digital MEMS Enhanced Omni microphones (6 microphones)	
Microphone frequency response	150 – 7,500 Hz (USB / Bluetooth)	
Connectors	<ul style="list-style-type: none"> <li>• Power supply socket</li> <li>• USB-C® socket</li> <li>• 2x jack socket 3.5 mm for EXPAND 80 Mic</li> <li>• Kensington Lock support</li> </ul>	
Max. magnetic flux density	52.5 mT	
 <b>Bluetooth</b>	version 5.0 / class 1	
Range	up to 25 m (device dependent)	
Output power	max. 10 dBm	

### Power supply unit PS - UNI 01

Nominal input voltage	100 – 240 VAC
Nominal input current	max. 0.5 A
Mains frequency	50 – 60 Hz
Nominal output voltage	5.9 VDC
Nominal output current	2.4 A
Weight	approx. 113 g / 3.99 oz / 0.25 lbs

### Bluetooth dongle BTD 800 USB



Dimensions (W x H x D)	22 x 16 x 6 mm / 0.87 x 0.63 x 0.24 in
Weight	2 g / 0.07 oz / 0.004 lbs
 <b>Bluetooth</b>	version 4.2 / class 1
Range	up to 25 m (device dependent)
Bluetooth frequency range	2402 – 2480 MHz
Output power	max. 8 dBm (EIRP)













### General data

Temperature range	Operation: +10 °C to +40 °C / +50 °F to +104 °F Storage: -20 °C to +60 °C / -4 °F to +140 °F
Relative humidity	Operation: 20 to 85% Storage: 10 to 95%

### Trademarks

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sennheiser Communications A/S is under license. The N-Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

## In compliance with:

	EXPAND 80   EXPAND 80T (SCBT19)		BTD 800 USB	
USA	FCC ID: R3USCBT19		FCC ID: R3UBTD800	
Canada	IC: 2099D-SCBT19   CAN ICES-3(B)/NMB-3(B)		IC: 2099D-BTD800   CAN ICES-3(B)/NMB-3(B)	
Europe	 			
Australia/ New Zealand				
Singapore	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Complies with IMDA Standards DA108496</div>			
Taiwan	 CCAF20LP1470T3	 R3A531 RoHS (Pb)	 CCAI12LP3060T5	
Japan	  201-200491	  201-125772		
Vietnam	Kể từ ngày 1 tháng 12 năm 2012, các sản phẩm được sản xuất bởi Sennheiser Communications tuân thủ Thông tư 30/2011/TT-BCT quy định về giới hạn cho phép đối với một số chất độc hại trong các sản phẩm điện và điện tử.			
Thailand	 This radio communication device is exempted from license to have and use radio communication device or set up radio communication station according to the Notification of NBTC Re: Radio communication devices and radio communication station exempted from license of radio communication according to the Radio Communications Act B.E. 2498 (1955). NBTC Telecommunication   Supervision for public   Call center 1200 (free call)			

### Statements regarding FCC and Industry Canada

This device complies with Part 15 of the FCC rules and with Industry Canada license-exempt RSS standard(s). Operation is subjected 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.

### RF Radiation Exposure Information

Since the radiated output power of this device is far below the FCC radio frequency exposure limits, it is not subjected to routine RF exposure evaluation as per Section 2.1093 of the FCC rules.

The device complies with FCC and Innovation, Science and Economic Development Canada's RF radiation exposure limits set forth for controlled / uncontrolled environment. The product should be installed and operated with minimum distance of 20 cm between the radiator and your body. Use of other accessories not verified by the manufacturer may not ensure compliance with FCC and Innovation, Science and Economic Development Canada's RF exposure guidelines.

Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

The transmitters must not be co-located or operated in conjunction with any other antenna or transmitter.

### Information sur l'exposition aux radiofréquences

Cet équipement est conforme aux limites d'exposition aux rayonnements d'Innovation, Sciences et Développement économique Canada établies pour un environnement contrôlé / non contrôlé. Cette station de base/dongle doit être installée et utilisée avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

L'utilisation d'autres accessoires non homologués par le fabricant remet en cause la conformité des normes imposées par la d'Innovation, Sciences et Développement économique Canada.

Une réduction supplémentaire de l'exposition aux RF peut être obtenue si le produit peut être maintenu aussi loin que possible du corps de l'utilisateur ou si l'appareil est réglé sur une puissance de sortie inférieure, si cette fonction est disponible.

Les transmetteurs ne doit pas être placé au même endroit ou utilisé simultanément avec un autre transmetteur ou antenne.

### Responsible party

Demant Sound USA, Inc.  
 Little Falls Drive, Wilmington 19800, New Castle, USA  
 Tel: +1 800-332-7439

### SCBT19

部件名称 Parts	有毒有害物质或元素					
	铅 Pb	汞 Hg	镉 Cd	六价铬 Cr <sup>6+</sup>	多溴联苯 PBB	多溴二苯醚 PBDE
金属部件 Metal parts	x	o	o	o	o	o
电路模块 Circuit Modules	x	o	o	o	o	o
电缆及电缆组件 Cables & Cable Assemblies	x	o	o	o	o	o
外部电力适配器 External power supply	x	o	o	o	o	o

本表格依据SJ/T 11364的规定编制。

o : 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。

### BTD 800 USB

部件名称 Parts	有毒有害物质或元素					
	铅 Pb	汞 Hg	镉 Cd	六价铬 Cr <sup>6+</sup>	多溴联苯 PBB	多溴二苯醚 PBDE
电路模块 Circuit Modules	x	o	o	o	o	o

本表格依据SJ/T 11364的规定编制。

o : 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。

設備名稱：揚聲器 Equipment name	型號 (型式) : SCBT19 Type designation (Type)					
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>6+</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
電路板 Circuit Board	超出 0.1 wt %	o	o	o	o	o
轉接頭 Power plug	超出 0.1 wt %	o	o	o	o	o
傳輸線 USB Cable	超出 0.1 wt %	o	o	o	o	o
電源供應器 Power supply	超出 0.1 wt %	o	o	o	o	o
外殼 Enclosure	o	o	o	o	o	o

備考1. "超出0.1 wt %" 及 "超出0.01 wt %" 係指限用物質之百分比含量超出百分比含量基準。  
 Note 1: "Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考2. "o" 係指該項限用物質之百分比含量未超出百分比含量基準。  
 Note 2: "o" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence

備考3. "-" 係指該項限用物質為排除項目。  
 Note 3: The "-" indicates that the restricted substance corresponds to the exemption.