

**This product may be purchased from Connevens Limited secure online store  
at [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk)**

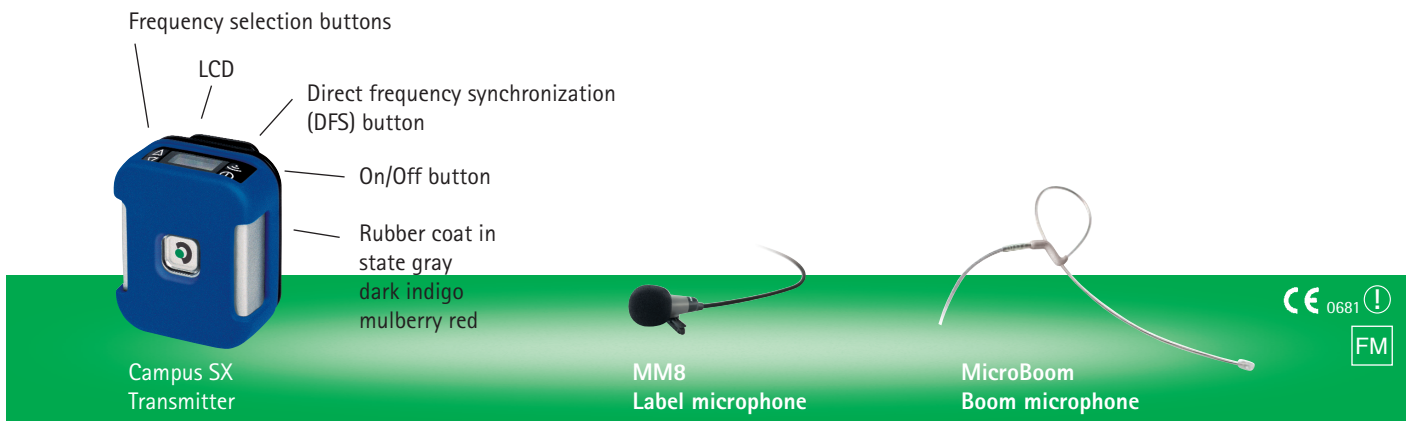


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Solutions to improve the quality of life



# Campus SX™



Campus SX is a dedicated Phonak FM transmitter for educational applications. In combination with MicroBoom, MicroMLxS and WallPilot, professionals, teachers and children benefit from maximum flexibility and user comfort. Campus SX includes a stylish outdoor rubber coat set in slate gray, dark indigo and mulberry red. The NiMH battery can be fast charged and the microphone can easily be muted by shortly pressing the button. The Campus SX also includes a new effective clip. Furthermore, all the proven Campus S features are included in Campus SX.

Campus SX is delivered either with the MM8 lapel microphone or the new ultra comfortable and ultra lightweight MicroBoom. This state-of-the-art microphone is especially recommended for all situations where the best signal to noise ratio is vital.

Campus SX is recommended for regular schools, schools for the deaf, speech therapists, parents and many more users.

## Campus SX features

- Maximum flexibility transmitter
- Multi-frequency with maximum 40 channels selectable (country-specific)
- Very easy to use
- Long-lasting, fast charge battery
  - 80% charged in 3.5 hours
  - 100% charged in 4.5 hours
- Stylish and durable housing
- LCD display
- Easy microphone muting on the keypad
- Very effective clip
- Unmatched frequency flexibility
- Battery status indicator in the LCD
- Antenna integrated into the microphone cable
- Audio input socket for connections to MP3 players, televisions, videorecorders and radioreceivers.
- Fully programmable with FM Successware 3.4-1 or higher.

## MicroBoom features

- Ultra comfortable
- Ultra lightweight
- Easily adjustable to all ear sizes
- Easy microphone exchange
- Best signal to noise ratio
- No occlusion of the ear: open fit!
- Left and right ear compatible

## MM8 features

- Lapel type mini microphone
- Switchable to omnidirectional or directional mod

## Relevant internet pages

[www.phonak.com/fm\\_configurator](http://www.phonak.com/fm_configurator)  
[www.eSchoolDesk.com](http://www.eSchoolDesk.com)

## Technical Data

## General data

Type:	FM transmitter
L x W x H:	72 x 56 x 31 mm (excluding clip)
Weight:	90 g (including battery)
Operating temperature range:	-10°C ... +60°C (extreme)
Humidity:	20-75%
Charging temperature range:	0°C ... +40°C (extreme)
Charging time:	80% charged after 3h30min 100% charged after 4h 30min

## HF characteristics

Frequency range:	173–185 MHz (H-band) 207–217 MHz (N-band)
Frequency switching:	Integrated Synthesizer with digital display
Frequency stability:	Better than +/-1 kHz
Modulation:	FM (narrow band) Max. frequency deviation $\Delta f < 6$ kHz
Antenna:	Integrated in the micro-phone cable
Operating range:	7–15 m
EMC:	<54 dBm ERP (ETS 300–422)
Signal-to-noise ratio:	>45 dB $\Delta f < 3$ kHz

## Audio characteristics

Audio bandwidth:	100–7000 Hz
Microphone sensitivity:	97 dB SPL at $f_{mod} = 1$ kHz for $f_{dev} = 3$ kHz (100% modulation) 70 dB SPL at $f_{mod} = 1$ kHz for $f_{dev} = 1.8$ kHz
Distortion:	THD < 1.2% according to ICE 118–7 at 70 dB SPL with $f_{mod} = 1$ kHz for $f_{dev} = 1.8$ kHz

## Channel selection

- Maximum 40 channels selectable (country-specific)
- When switched on, the unit selects the channel last used
- Channel indicator in the LCD

## Battery and power supply

<b>Battery</b>	
Type:	NiMH
Dimensions:	8.5 x 17 x 48 mm
Voltage:	1.2 V
Capacity:	1100 mAh
Operating time:	approx. 12h

## Power supply

Type:	Fast battery charger
Plug type:	1.3 mm DC plug (Walkman type), positive pole in the center
Secondary voltage:	5 V DC $I_{out} > 400$ mA

The battery can also be charged with a regular NiMH multi-cell charger.

## Accessories

Radiocom:	EN 300.422-1,-2: 2001 EN 300.330-1,-2: 2000
EMC:	EN 301.489-3,-9: 2002
El. Safety:	EN 60950-1:2006

## Standards

MicroBoom	052-3398
Replacement alligator clips for MicroBoom	004-0337-001
MM8 label microphone	052-0028
Replacement windscreens for MM8	052-0378
MM5 label microphone	052-0035
Power supply with European plug	052-3391
Multi-charger for 4 Campus SX batteries	052-0379
Replacement battery	052-0362
Campus SX Belt Set	052-3015
Home & travel case	052-0392
‚Slate Grey‘ Replacement rubber coats	005-3042
‚Dark Indigo‘ Replacement rubber coats	005-3043
‚Mulberry Red‘ Replacement rubber coats	005-3044
Audio cable 1 m/3 feet	052-0359
Audio cable 3 m/10 feet	052-0340
Scart adapter for audio cable	052-0370
GINCH adapter for audio cable	052-0371