



# Tourguide 1039

## EK 1039



The sturdy EK 1039 is an easy and intuitive to operate tourguide receiver. It can be used for guided tours, interpretation, assistive listening or commando applications.

Any Sennheiser headphones or induction loop can be used.

For power supply, standard AA batteries or the included battery pack (BA 2015) can be used. The backlit LC display shows channel number, the programmable channel name and battery status information.

The EK 1039 can be used together with transmitters of the ew G3, ew G4 and the 2000 series.

### DELIVERY INCLUDES

- 1 EK 1039 receiver
- 1 BA 2015 accupack
- 1 Quick Guide

### FEATURES

- easy and intuitive operation
- up to 88 MHz switching bandwidth
- up to 32 channels in parallel
- programmable channel names
- copy function for easy handling
- robust metal housing

### SPECIFICATIONS

Modulation	wideband FM analog
HF-frequency range	
AW+	470,100 – 558 MHz
GW	558 – 626 MHz
BW	626 – 698 MHz
CW	718 – 790 MHz
DW	790 – 865 MHz
Receiving channels:	max. 32
Signal-to-noise ratio (1 mV <sub>HF</sub> Peak deviation)	ca. 90 dBA <sub>eff</sub>
AF frequency response	40 – 15.000 Hz
Output power 2.4 V, 5% THD and nominal deviation	100 mW/ 32 Ω
Headphone output	3.5 mm jack socket for headphones with at least 8 Ω
Power supply	2 AA size batteries 1.5 V (alkali manganese) or BA 2015 accupack
Operating time	approx. 8 h
Dimensions	approx. 81 x 65 x 23 mm
Weight (incl. BA 2015)	approx. 200 g
Temperature range	
Operation	-10 °C – +55 °C
Storage	-20 °C – +70 °C

### PRODUCT VARIANTS

EK 1039-AW+	Cat.No. 508639
EK 1039-GW	Cat.No. 508638
EK 1039-BW	Cat.No. 505542
EK 1039-CW	Cat.No. 505543
EK 1039-DW	Cat.No. 505544



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### ACCESSORIES

Name	Description	Cat.No.
L 1039-10	19" bay charger for 10x EK 1039 (incl. power supply units)	505632
BA 2015	Spare battery (1x incl. in the box)	009950
L 2015	2 bay charger	009828
NT 1-1	Power supply unit for L 2015	503158
NT 3-1	Power supply unit for up to three L 2015 cascaded	503159
LA 2	Charging adapter for L 2015 for charging handheld transmitters	503162
HP 02-100	Headphones (1 m cable length)	505965
HP 02-140	Headphones (1 m cable length)	505966
NP 02-100	Headphones (1 m cable length)	505967
NP 02-140	Headphones (1 m cable length)	505968

### ACCESSORIES STATIONARY TRANSMITTERS

SR IEM G4 Range	Cat.No.	SR 2050 IEM Range	Cat.No.
A1	507842	GW-X	503847
A	507843	BW-X	503851
GB	507844	CW-X	503855
G	507845	DW-X	503859
B	507846	GBW	504955
C	507847		
E	507848		

### ACCESSORIES MOBILE TRANSMITTERS

SK 300 G4 Range	Cat.No.	SK 500 G4 Range	Cat.No.
GBw	507720	GBw	507775
GW	507721	GW	507776
BW	507722	BW	507777
CW	507723	CW	507778
DW	507724	DW	507779
AW+	508406	AW+	508413
SKM 300 G4 Range	Cat.No.	SKM 500 G4 Range	Cat.No.
GBw	507728	GBw	507783
GW	507729	GW	507784
BW	507730	BW	507785
CW	507731	CW	507786
DW	507732	DW	507787
AW+	508407	AW+	508414
SKP 500 G4 Range	Cat.No.		
GBw	507815		
GW	507816		
BW	507817		
CW	507818		
DW	507819		
AW+	508418		

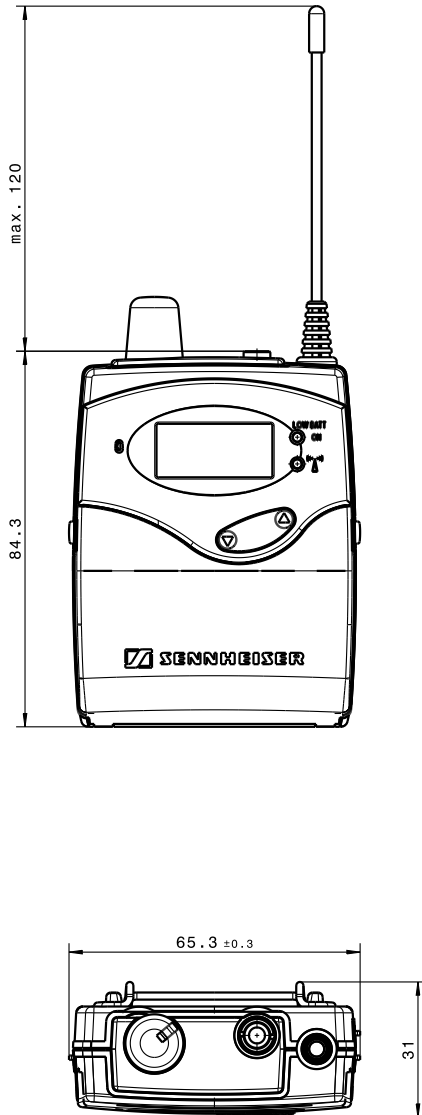


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### DIMENSIONS



### ARCHITECT'S SPECIFICATIONS

The device shall be a portable adaptive diversity compact personal receiver for use with a companion transmitter as part of a high reliability adaptive diversity wireless broadband FM (MPX, mono) radio frequency transmission system. The portable receiver model shall operate within 5 RF frequency ranges 470,100 – 558 MHz; 558 – 626 MHz; 626 – 698 MHz; 718 – 790 MHz; 790 – 865 MHz; with a maximum of 32 preset channels per range, with a switching bandwidth of maximum 88 MHz. The receiver shall include an auto-lock feature to prevent settings from being accidentally altered.

Audio frequency response shall be 25 – 15,000 Hz. Signal-to-noise ratio shall be  $\geq 90$  dBA. The earphone audio output shall utilize a 3.5 mm audio socket with an output power of 100 mW at 32  $\Omega$  (adjustable via receiver external control). Menubased software adjustments for channel designation shall be made using a backlit LCD user display; display shall indicate operating channel number, programmable channel name and battery state of charge. The receiver shall provide function for copying settings between receivers.

The receiver shall be fully compatible with Sennheiser 2000 series (range AW+, GW, BW, CW, and DW) and G3 / G4 series transmitters (range A1, A, GB, G. B, C and E). Power shall be supplied to the portable receiver by 2 "AA" size batteries (1.5 Vdc) or by one Sennheiser BA 2015 rechargeable battery pack. Operating time shall be typical 8 hours. A rechargeable batter pack shall be in the delivery. The receiver case dimensions shall be approximately 3.23" x 2.52" x 0.94" (82 x 64 x 24 mm). Weight including battery shall be approximately 7.05 oz (200 grams). Operating conditions shall be ambient temperature +32 °F to +104 °F (0 °C to +40 °C). The portable adaptive diversity compact personal receiver shall be Sennheiser model EK 1039.

[www.tourguide-systems.co.uk/sennheiser](http://www.tourguide-systems.co.uk/sennheiser)

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