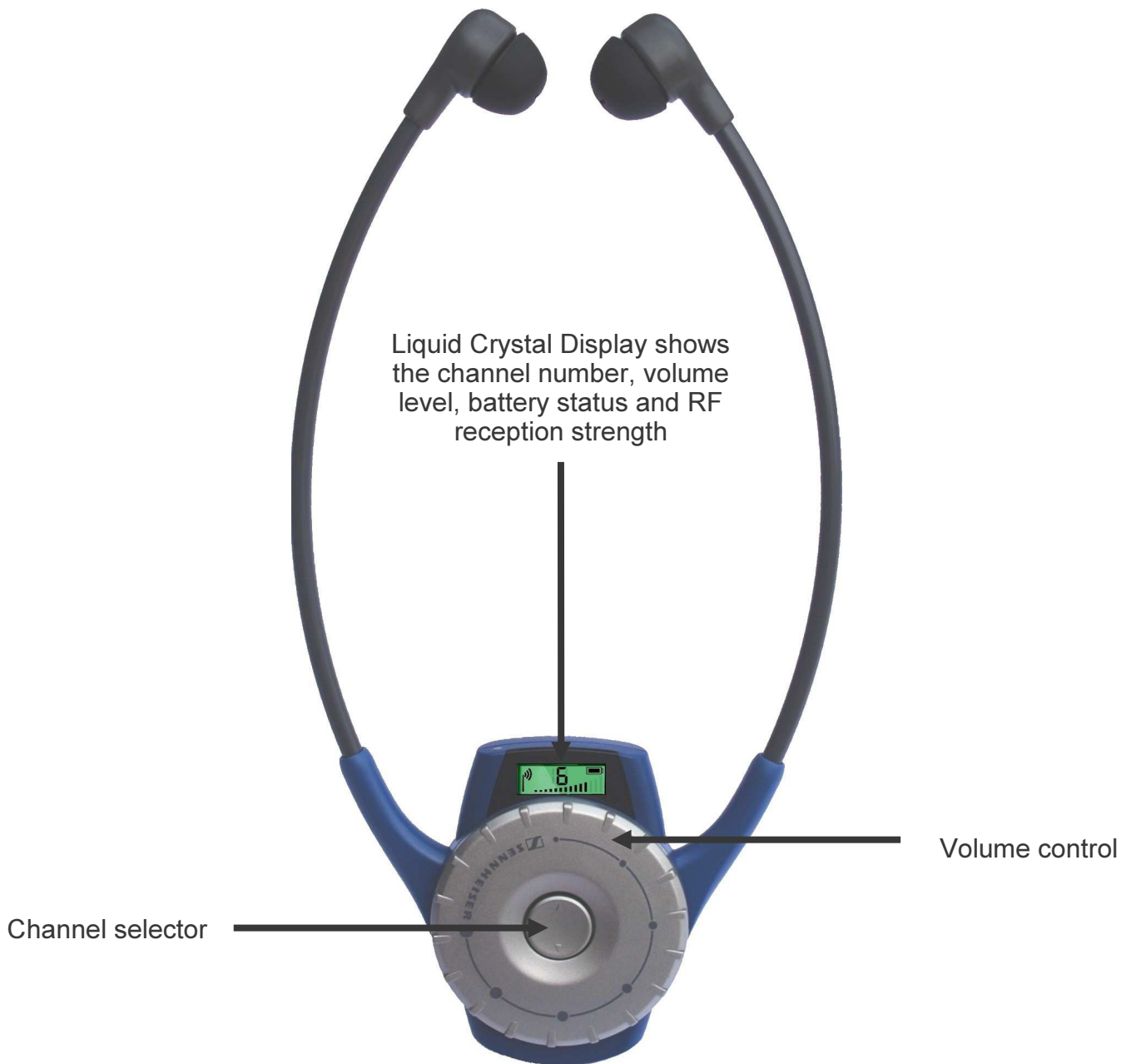


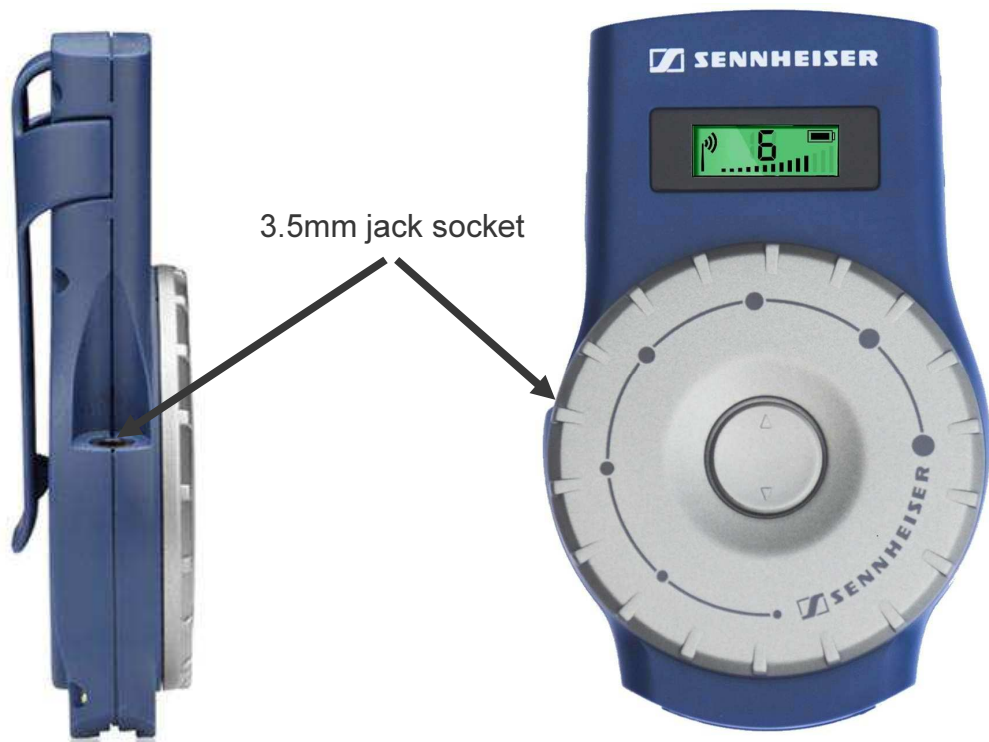
Making Your Tour  
‘State of the Art’





**Make sure that everyone will understand you:** TourGuide 2020-D is the unique guided tour system for any city or business tour, ensuring that you will be heard both clearly and distinctly. Your audience will simply need to wear a receiver. These are available in two types:- the Stethoset (shown above) and the Bodypack (shown overleaf). Each TourGuide receiver is lightweight and comfortable to wear despite containing so much technology. The Stethoset is truly a unique device integrating both the receiver and headphones and delivers a number of advantages for you.

No longer will your audience have to carry any more equipment than is absolutely necessary. Being a one piece device, they will no longer risk a tangle of cables! The powerful battery ensures that the device will work for up to 8 hours. Regardless of whether you are providing your tour in a big city or a large corporation, TourGuide 2020-D will ensure that it will proceed without interruption. The stethoset receiver automatically deactivates itself the moment that it is taken off, meaning battery life will be preserved. No longer will the tour guide need to check all of the sets after one tour finishes and before the next tour starts.

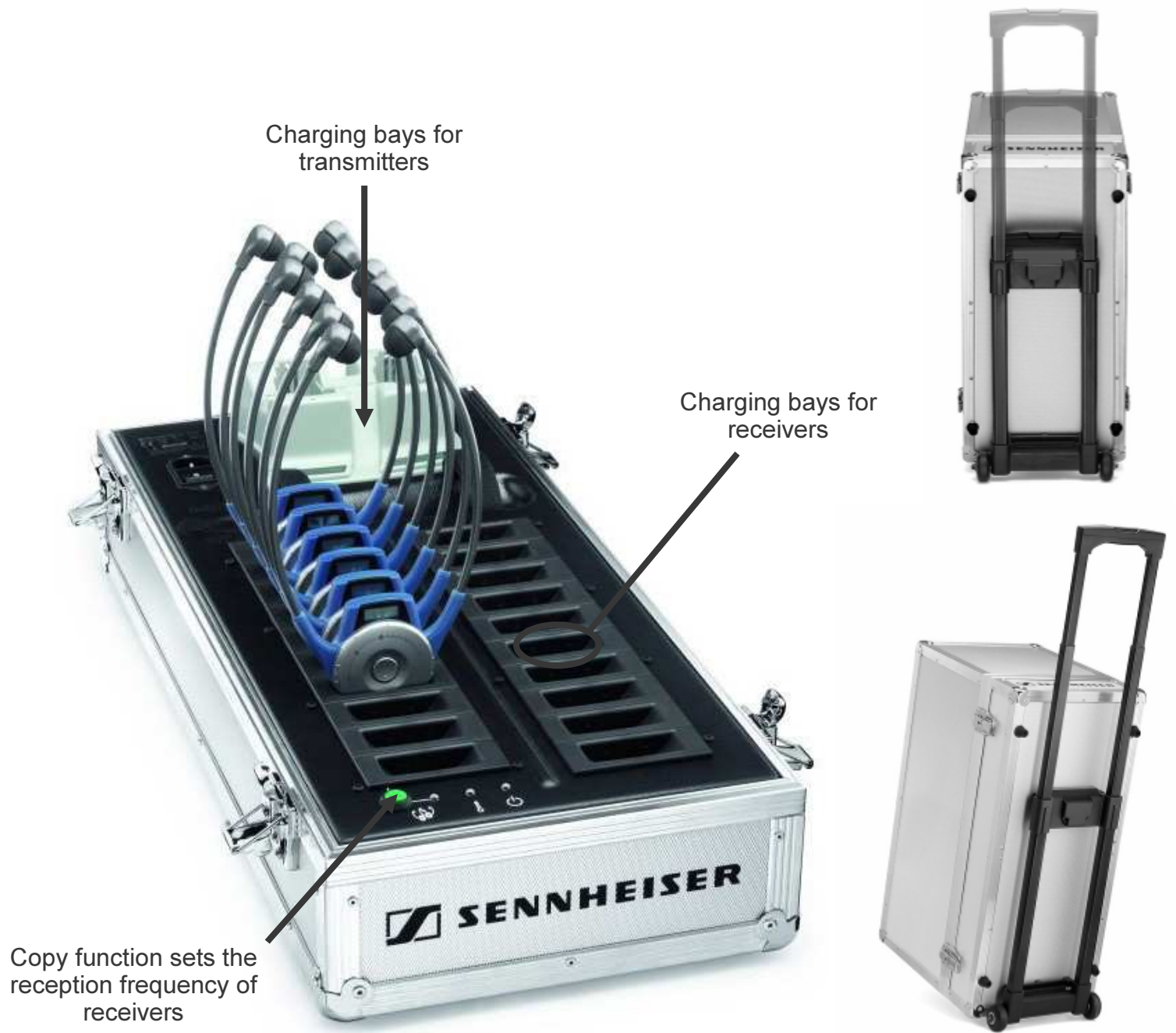


3.5mm jack socket

The Bodypack is the latest receiver for the 2020-D system and has a 3.5mm jack socket for use with either headphones (ideal for a noisy environment), or an inductive neck loop (to assist hearing aid wearers). The Bodypack can easily be clipped to a shirt pocket or worn on a lanyard. With a battery life of up to 16hrs this receiver will last through even the longest tours! As with the Stethoset, digital transmission ensures optimum reception quality, with a range of up to 100m outdoors and 50m indoors. Both receiver types can be used on the same system.

The Stethoset and Bodypack receivers share the same easy to use controls. Your tour participants will be able to individually adjust the volume through a rotary control without the need to even take the device off. A Liquid Crystal Display will clearly confirm the volume, battery status, quality of reception and the channel being listened to. Channels can easily be set and adjusted by using the middle buttons. Six channels are available allowing up to six tours to take place in the same venue.

The TourGuide 2020-D is also an ideal simultaneous interpretation system allowing the interpreter the freedom to move around. Being digital the system is also secure so can be used for meetings of a confidential nature.



Charging bays for transmitters

Charging bays for receivers

Copy function sets the reception frequency of receivers

**There is more inside:** The charger case has been designed to be highly user friendly. It acts as both the storage case for all equipment and as a charging station for the TourGuide receivers and transmitter. Twenty charging bays for the receivers and two charging bays for the transmitter (or its rechargeable battery pack) are provided.

A truly impressive feature of the charging case is the Copy button. All you need do is to set one receiver to the correct channel, press this button just once, and all of the other receivers in the case will immediately be set to the same channel.

An optional trolley frame (shown above right) is available for the charger case. With its retractable handle, it enables the system to be towed like a suitcase.



**Hands free:** TourGuide will allow you to deliver a highly professional guided tour. Combining a bodypack transmitter with a headworn microphone, it will give you total freedom of movement during your tour. You will have both hands free to describe an object, make a presentation and express your point.

Two jacks for the microphone and line input are provided, to enable the audio from an external device to feed the system. For example, you will be able to transmit an external audio source such as music from a mp3 player via your transmitter and continue to talk or mute the microphone.



The handheld microphone is the easiest way to address your audience. Should a tour participant pose a question, just hand over the microphone and the question will get clearly heard by everybody. Interviewing an expert in front of your audience will make your tour even more interesting.

Like the bodypack transmitter, the handheld is easy to operate and highly robust. Both have a backlit Liquid Crystal Display for channel and battery status. The rechargeable battery lasts for a tour of up to 8 hours.



## You can guide your tour into the **digital age** too

**Spare your voice:** Whether you provide a tour of a city, museum, or business it can now be further enhanced with the unique Sennheiser guided tour system “TourGuide 2020-D”. This is the first system in the world to use digital RF wireless transmission in the ISM band. No longer will you have to raise your voice or indeed have to shout! On the contrary, you can relax and clearly communicate with your group at normal conversation level. It is so simple, all you need to do is to speak into a microphone and the participants of your tour will hear your voice loud and clear thanks to highly impressive stethoset and bodypack receivers. Based on a digital transmission technique, the new TourGuide 2020-D system will also ensure that every word will reach your audience without any background noise or interference. This means that they will be able to pay complete attention while you successfully guide them through your tour.

TourGuide 2020-D follows the previous highly successful Sennheiser “Infoport” systems, yet has been upgraded to incorporate the very latest digital technology, delivering even better sound quality. As this new system has type certification by the manufacturer no user licensing is required.

## TRANSMITTERS



**SR 2020-D**  
Installation transmitter



**SK 2020-D**  
Bodypack transmitter



**AVL-618** Headband microphone



**SKM 2020-D**  
Handheld transmitter



**ME 4** Lapel microphone

## RECEIVERS



**HDE 2020-D**  
Stethoset receiver



**EK 2020-D**  
Bodypack receiver



**NP 02** Headphones



**GP 03-M-L** Clip-on earphone



**HP 02** Headphones



**EZT 3012** Neck induction loop

## TRANSPORT AND CHARGING



**EZL 2020-D**  
Charger/storage case  
20 receivers and 2 transmitters



**GZR 2020**  
Trolley frame



**L 2021 40**  
40 way receiver charger



**L 2020-10L**  
10 way receiver charger



**L 2015**  
2 way transmitter charger



## Technical Data

Modulation  
RF frequency range  
Channels  
Frequency response  
Sound pressure level  
THD at 1 kHz  
Typical operating time  
Power supply

Dimensions  
Weight

## HDE 2020-D

2 FSK  
Europe: 863–865MHz  
6  
100–7,000 Hz  
120 dB SPL at 1 kHz  
< 1%  
8 hrs  
Lithium polymer battery,  
830 mAh  
245mm x 125mm x 20mm  
70g



## EK 2020-D

Modulation  
RF frequency range  
Channels  
Headphone connector  
Typical operating time  
Power supply

Dimensions  
Weight

2 FSK  
Europe: 863–865MHz  
6  
Max. 10mW / 32 Ohm  
16 hrs  
Lithium polymer battery,  
1500 mAh  
98mm x 61mm x 24mm  
78g



Modulation  
RF frequency range  
Channels  
Frequency response  
Max. mic/line input voltage  
Typical operating time  
Power supply

Dimensions  
Weight (incl. battery pack)  
Range

## SK 2020-D

2 FSK  
Europe: 863–865MHz  
6  
100–7,000Hz  
Microphone: 650mVrms  
Line: 2Vrms  
8hrs  
Battery pack BA 2015, 2.4 V  
or 2 AA size batteries, 1.5 V  
82mm x 64mm x 24mm  
160 g  
Outdoors: up to 100 m  
Indoors: approx. 50 m



## SKM 2020-D

Modulation  
RF frequency range  
Channels  
Frequency response  
Pick up pattern  
Transducer principle  
Typical operating time  
Power supply

Weight (incl. battery pack)  
Range

2 FSK  
Europe: 863–865MHz  
6  
100–7,000 Hz  
Cardioid  
Dynamic  
8 hrs  
Battery pack BA 2015, 2.4 V  
or 2 AA size batteries, 1.5 V  
420g  
Outdoors: up to 100 m  
Indoors: approx. 50 m



AC mains voltage  
Typical charging time  
HDE 2020-D  
Typical charging time  
EK 2020-D  
Typical charging time  
SK 2020-D/ SKM 2020-D/  
BA 2015  
Dimensions  
Weight (empty)

## EZL 2020-20L

100–240V AC (50/60Hz)  
2.5 hrs  
3hrs  
3.5 hrs  
600mm x 270mm x 380mm  
8.3 kg



## Contact Details

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