

SYNEXIS WIRELESS INFORMATION SYSTEM



Tour Groups
Language Interpretation
Assistive Listening



SYNEXIS

ONE WIRELESS SYSTEM – MANY APPLICATIONS



When using Synexis, everybody is reached acoustically. Discreet, unobtrusive and secure. Each participant will hear the information wirelessly and individually in an excellent audio quality. No matter if Synexis is used as a mobile or stationary system for guided tours, assistive listening or interpretation applications.

Headphones or induction neck loops can be equally used and expand the group of participants making the event not only accessible, but meeting also the criteria of the EN 60118-4 for inductive listening systems. Synexis, however, also allows a bidirectional communication within one group by switching on a second transmitter. The system can be supplied in two different frequency ranges: In the UHF range a maximum of nine groups or languages can be guided or operated simultaneously and in the VHF range a maximum of 16.

These are the kinds of application

- Factory tours
- Museum tours
- Tourism
- Assistive listening
- Interpretation application
- Commentaries & audio description for visually impaired and blind people
- Training & direction

TRANSMITTING



Reaching everybody

The organiser is responsible for the contents, Synexis for the safety and quality of transmission. Three different transmitters are available: Depending on the application handheld, belt-pack or stationary transmitters can be used.

Handheld transmitter

The handheld transmitter with a soft-touch surface provides an intuitive operation and high intelligibility of speech. Due to a sophisticated suspension of the capsule, the microphone is almost insensitive to handling noise. The integrated wind and pop shield increase the signal to noise ratio. Furthermore, the effective polar pattern of the microphone eliminates ambient noise. The high frequency response makes this handheld transmitter a real listening experience.



② Multifunction display

From all perspectives the high-contrast OLED display clearly shows the battery status, channel selection, frequency and mute function.

① Charging contacts

⑤ On/off switch, set button

With a switch delay to avoid turning on or off accidentally.

④ Battery operation



The transmitter can be operated with standard AA batteries or rechargeable AA batteries. The supplied NiMH batteries ensure a minimum operating time of 12 hours.

③ Intelligibility of speech

The polar pattern of the microphone effectively eliminates ambient noise to ensure a high intelligibility of speech.

⑦ Microphone button

The microphone button is switchable for different requirements: Push-to-talk, push-to-mute and on/off.



Display of battery or charging status

Different colours show whether the microphone is activated or muted, and show the charge status when charging the microphone.

Beltpack transmitter

In addition to a connection for different microphones and headsets the beltpack transmitter is provided with a separate input to connect other audio sources such as music sources or a second transmitter for bidirectional communications.



Audio input

Via the line-in input on the side of the transmitter any audio source can be connected. For example music of historic original sounds. The connected microphone still has priority making the guided tour more professional.



Second transmitter

For the transmission of a second transmitter (on a different frequency) when interposing questions occur, it is possible to connect a receiver with the frequency of the second transmitter to the line-in input. In this way it is not necessary to repeat commentaries when guiding groups.



Headset operation

By using a headset you can hear the connected receiver and speak via the transmitter simultaneously. In this way professional applications such as whispered interpretations, monitoring and commentaries for visually impaired people can be realised.



1 Comfortable to wear

Use the belt clip or a lanyard to wear the beltpack transmitter.

2 Audio input

Audio sources or a second transmitter can be connected to the Line-in input.

3 Battery operation



The transmitter can be operated with standard AA batteries or rechargeable AA batteries. The supplied NiMH batteries ensure a minimum operating time of 12 hours.

4 Charging contacts

5 Microphone selection



There are no limits to individualisation: neckband or clip-on microphones are available.

6 Mute function



Depending on the application, the microphone can be muted with the mute button, which is displayed by the flashing LED.

7 On/off switch

8 Multifunction display

From all perspectives the high-contrast OLED display clearly shows the battery status, channel selection, frequency and mute function.

Stationary transmitter

The stationary transmitter is the right choice for permanent installations. By using the supplied installation accessories the transmitter can be integrated into each professional 19" application. Whether cinema, theatre, church or interpretation booth, this transmitter is always ready for use due to its standardised audio inputs and outputs. Two controllable mixing inputs enable further functions with popular applications such as assistive listening, audio description and interpretation operation.



1 Audio input

Two audio sources can be connected and mixed with the appropriate controls on the front. In this way a microphone and an additional sound source can be directly connected and transmitted.

2 Large status display

The big OLED display shows channel, frequency, lock function for channel selection and audio level.

3 Monitoring

Via the 1/4" (6.35 mm) jack socket with control on the front, the transmitter signal can be monitored with a headphone at any time.

4 Audio output

The audio signal is available for diverse applications via an unbalanced audio output. For example more transmitters can be cascaded or a recorder can be directly connected.



Remote antennae

Specific room conditions may be considered by remote antennae.



Antenna combiner

Four stationary transmitters can be combined with an antenna combiner to allow an operation with only one transmitting antenna.

Housing

High-quality metal 1/2 19" standard housing with 1 HU. Supplied with rack mounting accessories as well as the cable set with antenna socket for mounting the transmitting antenna on the front.

RECEIVING



Hear everything

The robust receiver can be operated intuitively and sets standards in the audio transmission due to its high frequency response. The use of different headphones or induction neck loops allow versatile applications; an all-rounder in the mobile audio transmission.

Receiver

The receiver and headphone are worn separately ensuring a high degree of comfort. Whether single-ear, headworn or neckworn headphone – everything is possible. With the optional IL 200 induction neck loop the receiver can be configured to a mobile inductive hearing device according to the EN 60118-4 to create accessibility for everybody. In applications such as guided tours, interpretation applications and assistive listening the receiver is a popular companion due to its attractive and compact housing with a pleasant look and feel and intuitive one-button-operation.



1 Turn on and control the volume

Use one button to turn the device on/off and control the volume.

2 Comfortable to wear



Use the belt clip or a lanyard to wear the backpack transmitter.

3 Set button, channel lock function

4 Battery operation



The transmitter can be operated with standard AA batteries or rechargeable AA batteries. The supplied NiMH batteries ensure a minimum operating time of 20 hours.

5 Charging contacts

6 Display of receiving and charging state



Various colours show whether reception is available and indicate the charge status when charging.

7 Headphone selection



There are different headphones available: Single-ear, headworn or neckworn headphones as well as in-ear headphones which can be imprinted with individual logos as a give-away. More headphones are available on request – for example when there is very heavy noise.

7 Inductive neck loop



When the IL 200 inductive neck loop is used instead of a headphone, the system turns into a standard-compliant system for assistive listening according to the EN 60118-4, which is optimal for people who are wearing hearing aids or cochlea implants with a T coil option.

8 Channel selection

9 Multifunction display



The modern OLED display shows clearly the readable channel, battery status, frequency and channel lock function from all perspectives.

TRANSPORT & CHARGING

Always ready to use

A variety of different charging and transport options sets not limits to individualisation. Due to standard rechargeable batteries and intelligent charging electronics ecological and economic criteria are equally considered. Maximum safety is achieved by automatic switch-off of the devices when charging (Auto-Off function) and snap-on contact springs.

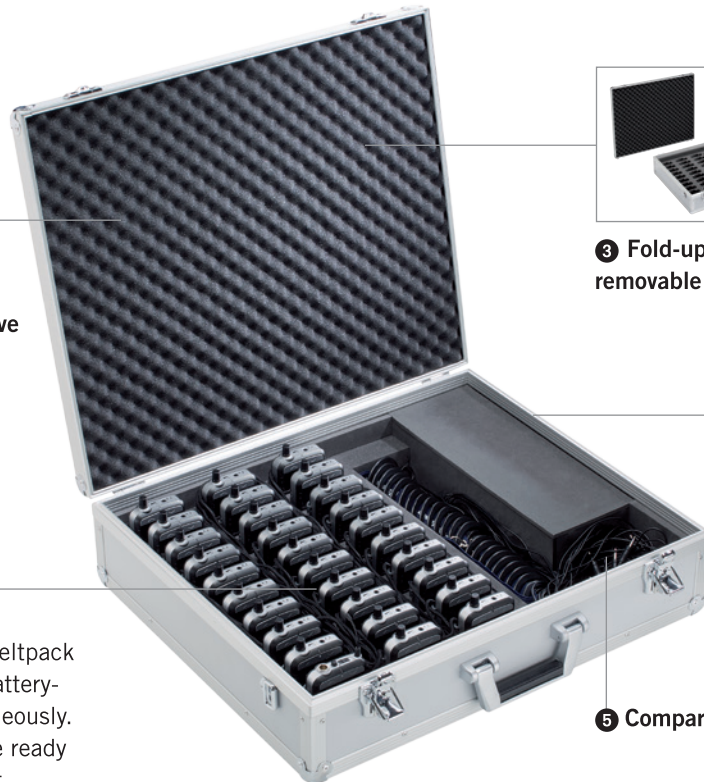


Transport and charging case

With its compact and solid design the rugged transport and charging case is an ideal companion. Thirty belt-pack receivers/transmitters and one handheld transmitter can be comfortably charged and transported. The case is prepared to be extended for the use as a trolley. Security certificates prove the solidity of this product. The Auto-Off function avoids deep discharge and defects of rechargeable batteries. Snap-on spring contacts prevent devices from falling out. Flashing LEDs warn against faulty charging states. When using the optional additional unit for the transport of accessories or other devices, the case becomes a universal helper for all applications.



1 When you are on the move
Lockable and with practical shoulder strap.



3 Fold-up, removable cover



4 Integrated power supply and active fan

2 Numerous charging compartments

Charge a maximum of 30 belt-pack receivers/transmitters for battery-powered operation simultaneously. Within a short time they are ready for use due to an intelligent charging electronics.

5 Compartment for accessories



Charging compartment for microphone
Optional charging compartment for one handheld transmitter.



Optional compartment
The optional compartment for accessories is simply placed between the case and removable cover and provides room for accessories with variably selectable compartments.



Trolley
The case comes with an optional mounting for a trolley. The trolley is extendable and can be removed from the case with a clip making transport light and easy.



Transport and charging trolley
The transport and charging trolley provides room for a maximum of 20 belt-pack receivers and transmitters as well as one handheld transmitter and in the cover room for headphones and accessories.

WELCOME

- 01 GROUP I
- 02 GROUP II
- 03 GROUP III
- 04 GROUP IV



Charging devices

Further charging devices for small or large systems complement the product range. The standardised 19" designs allow the professional integration of the charging units into flight cases or cabinets. Security standards have been consequently met by using fully metal housings and power supplies as well as charging compartment features.



Synexis C8



Synexis C10

Charging compartments

The charging compartments can be used as desktop units or for 19" (3 HU) installations. An LED displays the operating status of the device. The individual display of the charging or error status is displayed by the operating control LED of the transmitter/receiver. The power connection on the rear can be cascaded to a maximum of six charging units.

Synexis C8 features charging compartments for a maximum of eight beltpack receivers / transmitters and one handheld transmitter.

Synexis C10 features charging compartments for a maximum of ten beltpack receivers / transmitters.



Individual charging cabinet

The 19"-cabinet with a lockable door of safety glass can accommodate a maximum of six Synexis C8 or C10 charging units. A lockable drawer of 19"-installation is suitable for storing accessories. A power box with seven outlets on the rear and a power switch on the front allows the connection and the central on/off switching of other mains-powered devices. Free space on the front is covered with 19" blank panels. The delivery of the individually equipped cabinet includes mounting, mounting accessories, system and PE test.



Desktop charger

The elegant desktop charger is provided with two flexible charging compartments for beltpack receivers and transmitters or handheld transmitters. The charging status of the rechargeable batteries is displayed via an LED on the respective transmitter or receiver.

Transmitting

Synexis TH8



Synexis TH8 (UHF)
Order # 722316
Synexis TH2 (VHF)
Order # 721476
Handheld transmitter available in 2 frequency bands

ZUV 85



Order # 248509
Lanyard for wearing a Synexis TH8 handheld transmitter

Wind shield WS 59



charcoal-grey Order # 419087
white Order # 419133
yellow Order # 419109
red Order # 419125
blue Order # 419095
green Order # 419117

Synexis TP8



Synexis TP8 (UHF)
Order # 722332
Synexis TP2 (VHF)
Order # 721492
Beltpack transmitter available in 2 frequency bands

TG H54



Order # 707058
Cardioid neckworn microphone, black (also available in beige)

TG H34



Order # 706396
Cardioid neckworn microphone, black

TG L34



Order # 706256
Cardioid clip-on microphone, black

DT 290 MK II 200/80 Ohms K 190. Synexis



Order # 701610
Order # 729612

Headset with connecting cable for beltpack transmitters and receivers

Kabel B7-752



Order # 920371
Cable for connecting external audio source to Synexis TP8 / TP2 beltpack transmitter, stereo jack plug 3.5 mm to stereo jack plug 3.5 mm, 1,2 m

Synexis TS8



Synexis TS8 (UHF)
Order # 722324
Synexis TS2 (VHF)
Order # 721484
Stationary transmitter available in 2 frequency bands

Receiving

Synexis RP8



Synexis RP8 (UHF)
Order # 722308
Synexis RP2 (VHF)
Order # 721468
Beltpack receiver available in 2 frequency bands

DT 1



Order # 724521
Single-ear headphone, 32 Ohms, cable length 0.9 m, 3.5 mm mini stereo jack connector

DT 2



Order # 484679
Headphone, 32 Ohms, cable length 0.8 m, 3.5 mm mini stereo jack connector

DT 3



Order # 484571
Neckworn headphone, 32 Ohms, cable length 0.8 m, 3.5 mm mini stereo jack connector

Receiving

DT 4



Order # 724548
In-ear headphone,
32 Ohms, cable length
0.9 m, 3.5 mm mini
stereo jack connector
(individual logo on request)



IL 200

Order # 725161
Induction neck loop for
hearing aids and cochlea
implants (corresponds
to EN 60118-4 in
combination with Synexis



EDT 2 F / EDT 3 F

Order # 471453 (EDT 2 F)
Order # 901555 (EDT 3 F)
Package with 10 foam
ear pads for DT 2 / DT 3

Transport and charging

Synexis C8



Order # 721506
19" charger for 8
beltpack receivers and
transmitter as well as for
one handheld transmitter

Synexis C10



Order # 722294
19" charger for 10
beltpack receivers and
transmitters

Synexis SG24



Order # 724866
Cabinet (19" 24 HU) with casters and door, can
be individually equipped with a maximum of 6
Synexis C8 / C10 charging units
(illustration with accessories)

Synexis C20



Order # 722308
Transport and charging
trolley for 20 beltpack
receivers and transmitters
as well as 1 handheld
transmitter (illustration
with accessories)

Synexis CHP



Order # 721522
Desktop charger with 2
charging compartments
for beltpack receivers and
transmitters or handheld
transmitters (illustration
with accessories)

Synexis T2



Order # 724602
Transport case for 1
handheld and beltpack
transmitter, 2 receivers
and accessories

Synexis TRB



Order # 724653
Weatherproof belt bag
for beltpack transmitter
or receiver

Synexis C30



Order # 723754
Transport and charging
case for 30 beltpack
receivers and transmitters

Synexis CTH 30



Order # 724521
Charging compartment
for 1 handheld
transmitter for the
Synexis C30 case

Synexis C30 TE



Order # 725234
Optional compartment
for Synexis C30, to be
placed between case
and cover

Synexis C30 TR



Order # 488402
Trolley with mounting
accessories for the
Synexis C30 case

Germany

Audi Forum, Neckarsulm
(guided factory tours)

Beethoven-Haus, Bonn
(museum, guided tours)

BOSCH Rexroth, Lohr
(guided factory tours)

Christliche Gemeinschaft, Velbert
(church, assistive listening)

City Hall Wiesbaden
(assistive listening)

Congress Centre, Karlsruhe
(interpretation)

Daimler AG, Sindelfingen
(guided factory tours)

DANNEMANN EL NOBLE CIGARRO GMBH,
Luebecke (guided factory tours)

Eisenach-Wartburgregion Touristik GmbH
(tourism, guided tours)

ERA - Academy of European Law
(interpretation)

FC Augsburg
(soccer stadium, blind coverage)

Haus der Geschichte, Bonn
(museum, guided tours)

Krombacher Brauerei, Kreuztal-Krombach
(guided tours)

Neuapostolische Kirche, Frankfurt
(church, assistive listening)

Rifag Logistic GmbH, Stuttgart
(guided tours)

Schaeffler AG, Herzogenaurach
(interpretation and guided tours)

Siemens Energy, Berlin
(guided tours)

Spillmann Reisen, Bietigheim /
Agentur für Kunstvermittlung, Stuttgart
(tourism, guided tours)

Stiftung Museum Kunstpalast, Duesseldorf
(art museum, guided tours)

Traenenpalast, Berlin
(museum, guided tours)

Vattenfall Europe AG, Berlin
(guided factory tours)

Zumtobel Licht GmbH, Lemgo
(guided factory tours)

International

Volkswagen Argentina, Córdoba / Argentina
(guided factory tours, whispered interpretation)

pewag Snow Chains, Brueckl / Austria
(guided factory tours)

Steyr Tractor Production, St. Valentin / Austria
(guided factory tours)

Museum of Heydar Aliyev, Baku / Azerbaijan
(guided tours)

The art of living, St. Matthieu, Quebec / Canada
(interpretation)

National Park KRKA / Croatia
(tourism, guided tours)

Rungstedgaard Hotel & Conference Center / Denmark
(interpretation and assistive listening)

Dong Energy, Avedøreværket / Denmark
(guided tours at power plant)

Peugeot, Sochaux / France
(interpretation and guided factory tours)

Mercedes-Benz / Hungary
(guided factory tours)

McCain Foods, Gujarat / India
(guided factory tours)

National Iranian Oil Company-NAFT Garden / Iran
(interpretation)

Università del Salento, Lecce / Italy
(interpretation)

University Luxembourg / Luxembourg
(assistive listening)

Local Municipality Tuzi, Podgorica / Montenegro
(interpretation)

Norsk Hydro (Hydro Aluminium AS) / Norway
(guided tours, factory & museum)

Panama Canal / Panama
(guided tours)

Government Kigali / Ruanda
(interpretation)

Hill Song Church, Stockholm / Sweden
(interpretation)

Church Biel / Switzerland
(assistive listening)

Vidal Sassoon, London / United Kingdom
(guided tours)

Holocaust Memorial Center, Farmington Hills, Michigan / USA
(guided tours)

For more information, please go to www.beyerdynamic.com/synexis



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