



ASSISTIVE LISTENING



TOUR GROUPS



LANGUAGE INTERPRETATION



SYNEXIS  
WIRELESS INFORMATION SYSTEM

# VERSATILE SYNEXIS

Synexis is a wireless system designed for guided tours, assistive listening, interpretation applications and can also be used as command system. The system is very versatile and suitable for many applications.

When transmitting information, the spoken word is essential whether in a small or large group of people. With Synexis you can be sure that it will perform perfectly. The system features properties such as an optimum speech intelligibility and easy handling for a variety of applications. The extensive product range and many product features meet any requirement. This includes the practical transport and charging case or an individual charging and storage cabinet. Synexis can be used at any time.







## ADVANTAGES AT A GLANCE:

- Operation without registration in the free UHF frequency range 863-865 MHz (CEPT/EU countries)
- Latest UHF radio technology (863-865 MHz) for flexible usage indoors or outdoors
- Suitable for many applications
- Battery or rechargeable battery operated, using standard AA batteries
- Rechargeable batteries provide long operating time with quick charging
- Extensive product range and accessories
- High speech intelligibility due to noise-cancelling microphones
- Multifunction operation allows simultaneous use for several groups

# TRANSMITTING

Thrill your audience. For transmitting, there is a handheld microphone, a belt-pack transmitter with microphone or the stationary transmitter. The microphone with a soft-touch surface provides an intuitive operation and perfect speech intelligibility. Even with wind noise there is no need to raise your voice. If you want to speak with your hands to explain exhibits, for example, neck-worn or clip-on microphones combined with a pocket transmitter provide optimal freedom of movement. The handheld and belt-pack transmitters can be operated using either rechargeable batteries or batteries in standard AA format.



## COMFORTABLE

Use the belt clip or a lanyard to wear the belt-pack transmitter.



## MICROPHONE CONNECTION

Use a microphone of your choice that meets your requirements.

On/off switch



## MUTE FUNCTION

In order to answer individual questions, you can mute the microphone.

## AUDIO INPUT

For connecting a sound source or a second transmitter.



Charging contacts

## MULTIFUNCTION DISPLAY

From all perspectives the OLED display clearly shows the battery status, channel selection, frequency and mute function or with the belt-pack transmitter the channel lock function.

Charging contacts



On/off switch, Set button

Channel selection



## CONTROL BUTTON (MUTE BUTTON)

You can also mute the microphone to answer supplementary questions. Individual settings of the mute function ensure a reliable handling.



## BATTERY OPERATION

The device can be used with standard batteries or rechargeable batteries. The NiMH rechargeable batteries included in delivery provide an operating time of a length comparable to 12-hour batteries.



## 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.



# RECEIVING

The robust receiver can be operated intuitively and provides optimal comfort for wearing whether using a lanyard or belt clip. The receiver and a choice of available headphones are worn separately. This means additional comfort for the audience, especially with the headphones which are easy to clean. The receiver can be powered by rechargeable batteries or normal batteries.



## TURN ON AND CONTROL THE VOLUME

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



## DIFFERENT POSSIBILITIES TO WEAR

Wear the receiver with the supplied lanyard or belt clip. All controls are easily accessible.



## BATTERY OPERATION

The device can be used with standard batteries or rechargeable batteries. The NiMH rechargeable batteries included in delivery provide an operating time of a length comparable to 20-hour batteries.



Channel selection

## HEADPHONE CONNECTION

You can connect appropriate headphones and an induction loop for hearing aids.



Set button, channel lock function

Charging contacts

## DISPLAY OF RECEIVING AND CHARGING STATE

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



## MULTIFUNCTION DISPLAY

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

# TRANSPORT AND CHARGING

For the Synexis components there are various possibilities for charging and transport available such as a trolley case or a compact case for mobile use. A cabinet, which can be equipped with several chargers, is the perfect solution for larger systems with stationary use.



Fold-up, removable cover



## NUMEROUS CHARGING COMPARTMENTS

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



## CHARGING COMPARTMENT FOR MICROPHONE

Optional charging compartment for one handheld transmitter.



Integrated power supply and active fan.



## WHEN YOU ARE ON THE MOVE

Lockable and with practical shoulder strap.

Compartment for accessories



## NUMEROUS CHARGING UNITS

19" charging devices and the tabletop charger are also available for recharging the components.



#### OPTIMAL STORAGE SPACE

In this compartment you will find enough storage space for a number of headphones.

Power supply unit  
and charging



#### MICROPHONE'S CHARGING COMPARTMENT

If your microphone is powered by rechargeable batteries, you can recharge it in the appropriate compartment of the trolley.



#### NUMEROUS CHARGING COMPARTMENTS

Charge up to 20 beltpack receivers and transmitters and one handheld microphone simultaneously for the rechargeable battery powered operation. The devices are ready for use within a short period of time.

## TRANSPORT

The components can also be powered by standard batteries. There are different cases available for transport and storage.



#### MODULAR TRANSPORT CASE

The modular transport case with two units can be flexibly equipped. The receiver unit can accommodate 12 receivers and 12 headphones or 24 receivers. The other unit can store different transmitters, microphones, earphones and accessories. The receiver can also be purchased individually as an extension and with its practical clip lock it can be quickly and easily attached to the case to form one unit. More cases are available on request.



# APPLICATIONS

## TOUR GROUPS

By using the Synexis system – for example in guided tours through factories or museums – each tour becomes an individual event whether the ambient noise is high or low. Multifunction operation allows simultaneous use for several groups.



## LANGUAGE INTERPRETATION

The Synexis system is also used for whispered interpretation applications or in combination with other interpretation systems. In mega events with interpreters, a huge area can be covered with one antenna which reduces the cost for installation compared to infrared technology. Furthermore, the system is more user-friendly, as there is no need of visual contact to the antenna.

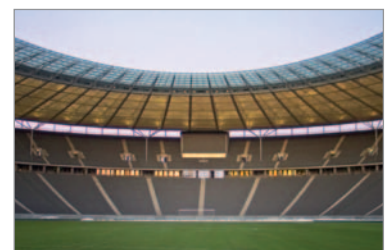


## ASSISTIVE LISTENING

In public buildings such as schools, churches, cinemas, theatres or stadiums seating for those with impaired hearing are compulsory. With the Synexis system, the speech is acoustically boosted. Instead of a headphone, induction loops can also be used. Sit in any event and understand every word.



Induction neckloop for hearing aids







### GUIDED TOURS THROUGH TOWNS AND OUTSIDE

During outdoor tours, visitors often move away from the group; furthermore the communication is made difficult by traffic and wind noise. The latest UHF technology allows guided tours the ability to move in and out doors.



### BUS TRIPS, GUIDED TOURS AND SHORE EXCURSIONS

As a travel company, Synexis offers you maximum flexibility. The system can be used wherever you wish to transmit information – be it on a bus, during the subsequent guided city tour or on shore excursions from a cruise ship. The tour guide system is the ideal travel companion, wherever you need support.



### MULTILINGUAL SIGHTSEEING

As an example, in boat trips or sight-seeing tours, information is often provided in several languages by media. The languages are transmitted by the Synexis system and the visitor simply selects his or her language.



### TEACHING OF TRAINING CONTENT

Synexis is the perfect companion whenever training content needs to be transmitted. Whether rowing, at dog training grounds, on road traffic practice areas or when instructing close to large, noisy machines – with Synexis the trainer's instructions can be understood over long distances, allowing exercises to be performed correctly.



### LIVE COMMENTARIES FOR VISUALLY IMPAIRED PEOPLE

Special live commentaries allow visually impaired people to take part, for example, in sporting events within the atmosphere in the stadium.



### COMMAND SYSTEM FOR HORSE RIDING LESSONS

Concentrate yourself during your horse riding lessons – with the help of Synexis. The system assists the trainer to address all relevant advices in agreeable voice with perfect intelligibility to you, even in long distances up to 100 meters. Irritations due to misunderstandings are a thing of the past.

# COMPONENTS

## TRANSMITTING



**Synexis TH8**  
Handheld transmitter



**Synexis TP8**  
Beltpack transmitter



**Synexis TS8**  
Stationary transmitter



**PEM 10.18**  
Earworn microphone



**PEM 60.18**  
Earworn microphone



**TG H54c**  
Neckworn microphone



**ZUV 85**  
Holding sling for microphone

## RECEIVING



**Synexis RP8**  
Beltpack receiver



**DT 1**  
Single-ear headphone



**DT 2**  
Headphone



**DT 3**  
Neckworn headphone



**DT 4**  
Disposable earphone



**IL 100**  
Induction neckloop  
for inductive transmission  
to hearing aids



**IL 200**  
Induction neckloop  
for inductive transmission  
to hearing aids



**Synexis TRB**  
Weather-resistant belt bag for  
beltpack transmitter and receiver

## TRANSPORT AND CHARGING



**Synexis CHP**  
Tabletop charger with two  
charging compartments for  
beltpack transmitters/receivers  
or handheld transmitter  
(picture with accessories)



**Synexis C20**  
Transport and charging case  
for 20 beltpack receivers/  
transmitters and one hand-  
held transmitter  
(picture with accessories)



**Synexis C30**  
Transport and charging case  
for 30 beltpack receivers and  
transmitter



**Synexis CTH**  
Optional charging compart-  
ment for one handheld  
transmitter to insert into  
Synexis C30 case



**Synexis SG24**  
Cabinet with casters  
and door. Individually  
equipped with synexis  
C8 / C10 chargers  
(picture with accessories)



**Synexis C8**  
19" charger for 8  
beltpack receivers/trans-  
mitters and one handheld  
transmitter



**Synexis C10**  
19" charger for 10 beltpack  
receivers/transmitters



**Synexis T12**  
Transport case for flexible  
equipment with 12 receivers  
and 12 headphones or 24  
receivers as well as transmitters,  
microphones and accessories



**Synexis T12E**  
Optional unit for receivers/  
earphones with clip lock for  
Synexis T12

# INTERNATIONALLY ACCLAIMED

## EXTRACT FROM THE SYNEXIS LIST OF REFERENCES

### Germany

ABN Braun, Neuenstadt a.K. (guided factory tours)  
 Audi Forum, Neckarsulm (guided factory tours)  
 Christliche Gemeinschaft, Velbert (church, assistive listening)  
 City Hall Wiesbaden (assistive listening)  
 Daimler AG, Sindelfingen (guided factory tours)  
 Deutsches Hygienemuseum, Dresden (museum, guided tours)  
 Documenta 2012, Kassel (guided tours, interpretation)  
 ERA - Academy of European Law (interpretation)  
 FC Augsburg (soccer stadium, live commentaries for visually impaired people)  
 Haecker Kuechen, Roedinghausen (guided factory tours)  
 Haus der Geschichte, Bonn (museum, guided tours)  
 Neuapostolische Kirche, Frankfurt, Laage, Ludwigshafen (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)  
 Suedwest Presse + Hapag-Lloyd Reisebuero, Ulm (tourism, guided tours)  
 Traenenpalast, Berlin (museum, guided tours)  
 Zumtobel Licht GmbH, Lemgo (guided factory tours)

### INTERNATIONAL

pewag Snow Chains, Brueckl / Austria (guided factory tours)  
 Poettinger, Grieskirchen / Austria (guided factory tours)  
 Red Zac / Austria (guided tradeshow tours)  
 Steyr Tractor Production, St. Valentin / Austria (guided factory tours)  
 STIWA Group, Attnang-Puchheim / 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 (guided tours)  
 Rungstedgaard Hotel & Conference Center / Denmark (interpretation and assistive listening)  
 Dong Energy, Avedøreværket / Denmark (guided tours at power plant)  
 Aeres, Paris / France (interpretation and assistive listening)  
 EDF, Paris / France (interpretation and assistive listening)  
 HPI, Blois / France (guided tours)  
 INPI, Paris / France (interpretation and assistive listening)  
 Mairie, Besançon / France (interpretation)  
 MTS Moulage technique soufflage / France (guided tours)  
 Peugeot, Sochaux / France (interpretation and guided factory tours)  
 SANOFI, Paris / France (interpretation)  
 UGITECH Fonderie, Ugine 73 / France (guided factory tours)  
 VEOLIA Environnement, Saint-Ouen L'Aumône / France (interpretation)  
 Video Star, Dijon 21 / France (rental)  
 National Iranian Oil Company-NAFT Garden / Iran (interpretation)  
 Università del Salento, Lecce / Italy (interpretation)  
 Local Municipality Tuzi, Podgorica / Montenegro (interpretation)  
 Norsk Hydro (Hydro Aluminium AS) / Norway (guided tours, factory & museum)  
 Government Kigali / Ruanda (interpretation)  
 Hill Song Church, Stockholm / Sweden (interpretation)  
 Church Biel / Switzerland (assistive listening)  
 Limmatdruck, Zurich + Koeniz / Switzerland (guided factory tours)  
 Meyer Burger AG, Thun / Switzerland (guided factory tours)  
 Mr Schneider, Cham / Switzerland (command system for horse riding)  
 Swisswindows, Moerschwil / Switzerland (guided factory tours)  
 Powerhouse AG, Luterbach / Switzerland (rental)  
 Metropolitan Police Hydra Rooms / United Kingdom (wireless audio monitoring in secure control rooms)  
 Vidal Sassoon, London / United Kingdom (guided tours)



For further information, please visit  
[www.beyerdynamic.com/synexis](http://www.beyerdynamic.com/synexis)

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SYNEXIS VIDEO