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Introduction

This Dispenser Guide includes directions for selecting and using components for fitting. For instructions of programming hearing instruments using Connexx™ programming software, please refer to the specific Fitting Guide.

CAUTION
Read this user guide thoroughly and completely and follow the safety information in this document to avoid damage or injury.
Receiver units

About receiver units
Receiver units are available in different lengths and power classes, and with different ear pieces. Refer to the latest product portfolio catalogue for a complete list of available receivers.

Size and power class are printed on the receiver unit, for example, “3S” means length 3 and power class S.

Selecting a receiver unit

> CAUTION
Risk of injury!

- Select a tube length where the ear piece does not extend by more than 15 mm (0.59 inches) into the ear canal.

- Place the template for receiver length on the patient’s ear (refer to the picture).

- The number on the template that best corresponds to the upper tip of the tragus indicates the right tube length.
  
In the example, tube length 1 is ideal.
Attaching a receiver unit
► Use the special tool to push out the locking bar as far as it will go.
► After fully opening the locking bar slide the receiver unit into the connector at a slight angle and hold it in place (1).
► Press the locking bar back in (2).

Removing a receiver unit
► Use the special tool to push out the locking bar as far as it will go (1).
► Pull out the receiver unit (2).
Optimizing the shape of the receiver cable

The cable of the receiver unit is pre-shaped and will fit most ears. However the shape of the receiver cable can be modified if necessary.

**NOTICE**

The receiver will be damaged under heat.

- Shield the receiver from the heat during the process of heating the receiver cable. The receiver must not exceed a temperature of 60°C (140°F).
- Hold the receiver cable with the desired shape and use an appropriate heating device at the bend until the shape has been formed.
- Hold the shape of the receiver cable until it has cooled.
Retention strand

To improve the position of the receiver in the ear, there is a retention strand for every receiver size. It can optionally be installed **before** fitting the ear piece.

- Slide the retention strand completely over the receiver.
Click Domes

About Click Domes
For different hearing requirements, different types of Click Domes are available. Refer to the latest product portfolio catalogue for a complete list of available Click Domes.

Removing Click Domes
The procedure for removing a Click Dome depends on the type.

NOTICE
- Do not pull on the receiver cable. This can damage the receiver unit.
- Follow the instructions on dome packaging.

In addition, you can remove all Click Domes with the removal tool.
Removing with the removal tool

- Insert the receiver with the dome into the notch at the open end of the removal tool.
- Squeeze the removal tool firmly.

- Tilt the removal tool towards the small side of receiver.
  The dome detaches from the receiver.
Installing Click Domes

Press the tip of the receiver into the new dome until it clicks noticeably in place.
Click Molds

Tools

The following tools are helpful for Click Molds:

▶ The **Click Mold service tool** is used to install and remove the Click Mold from the receiver.
  
  It is available as an accessory.

▶ The **HF4 changing tool** is used to replace the HF4 filters in Click Molds.
  
  It is delivered with the HF4 dispenser wheel.

▶ The **wax guard changing tool** is used to replace the wax guard of the receiver.
  
  It is delivered with the wax guard.
Evaluating the size of the ear canal

The **measuring gauge** helps to evaluate whether the ear canal is big enough for a Click Mold or not.

1. Check the width and length on the second bend of the ear impression.

If the width of the ear impression reaches the green part of the scale the ear canal is big enough for a Click Mold.

Note that there are also special measuring gauges for both HP and P/HP receivers.
Removing Click Mold and HF4-filter

- Take the HF4 changing tool and use the back side with the screw to remove the HF4-Filter of the Click Mold.

- For long Click Molds, the long pin of the Click Mold service tool is helpful. Pull the tool apart and fit it together so that the long pin is available.

- Carefully press the receiver out of the Click Mold. Use the appropriate pin of the Click Mold service tool.
  The Click Mold can now be cleaned, e.g. in an ultrasonic bath.

NOTICE

- Do not pull on the receiver cable. This can damage the receiver unit.
Replacing the receiver wax guard

Replace the receiver wax guard if damaged or dirty.

► Remove the Click Mold or Click Dome (see sections before).

► Screw the threaded end of the wax guard changing tool into the filter of the external receiver.

► Remove the used filter.

► Flip the tool over and push the new wax guard into place.

► Release the filter by tilting the changing tool to the side. Then dispose of the changing tool.
Installing Click Mold and HF4-filter

- Pull the Click Mold service tool apart and fit it together so that the slit holder for the receiver and the cable is available.

- Insert the receiver in the slit holder.
- Click the receiver into the Click Mold.
- Turn the receiver with the tool to adjust the position.

- Use the HF4 changing tool to pick up a new HF4-Filter.

- Click the new HF4-Filter into the Click Mold.
About LifeTubes
For different types of hearing instruments, different LifeTubes and S-LifeTubes are available. Refer to the latest product portfolio catalogue for a complete list of available tubes.

Different lengths and depths are available for the right and left side, respectively.

On the cover inside of the Life Fitting Sets, a table shows where the different sizes of tubes are positioned.

All LifeTubes are delivered with a retention strand per default. You can cut off the retention strand, if it is not needed.
Selecting a LifeTube / S-LifeTube

The LifeTube Selector is used to select the appropriate LifeTube / S-LifeTube size for each patient.

⚠️ CAUTION
Risk of injury when using the wrong tube length.

- Select a tube length where the LifeTip does not extend by more than 15 mm (0.59 inches) into the ear canal.

ℹ️ The LifeTube / S-LifeTube size 4 and 6 are deeper in the ear than size 3 and 5.

- Place the LifeTube Selector on the patient’s ear (refer to the picture).
- The number on the LifeTube Selector that best corresponds to the upper tip of the tragus indicates the right tube length.

In the example, tube length 1 is ideal.

If the measured tube length falls between 2 lengths, choose the shorter of the two. This prevents part of the tube from sticking out.
Optimizing the shape of the LifeTube

The LifeTubes are preformed and will fit most ears. However the shape of the tube can be modified if necessary with the LifeTube Shaper.

For every LifeTube length, a separate LifeTube Shaper is provided.

**CAUTION**

Risk of damage to ear canal and ear drum through LifeTube shaper.

- Do not insert the LifeTube shaper into the ear canal when its wire extends beyond the LifeTube.
- Do not insert the LifeTube shaper more than 15 mm (0.59 inches) into the ear canal.
- Never use the LifeTube shaper without a LifeTip.

The LifeTube Shaper comes with an attached LifeTube.

- Attach an 8 mm LifeTip on the LifeTube and insert it into the patient’s ear.

- Create the first bend on the LifeTube, near the LifeTip.
- Ensure that from the bend to the end of the LifeTip measures no longer than 15 mm (0.59 Inches).
Form the LifeTube according to the individual anatomy along the pinna.

Seat the sample Life instrument in the correct position behind the pinna.

Carefully remove the entire LifeTube Shaper with attached LifeTube and LifeTip from the patient’s ear, while maintaining its new customized shape.

Using an appropriate heating device, heat the LifeTube on the LifeTube Shaper for 2 minutes at 90° C (194° Farenheit).

DO NOT heat for more than 2 minutes!

Cool the LifeTube. Remove it from the LifeTube Shaper by gently sliding it off.

The LifeTube will retain the desired form and can now be attached to the customer’s instrument. The LifeTube should lay flat against the customer’s face and follow the natural contour over the pinna.
Installing LifeTubes

▶ Screw the LifeTube on the bolted connection of the hearing instrument.

Cleaning LifeTubes

For a detailed description on how to clean the LifeTubes, refer to the hearing instruments’ user guide.
About LifeTips
For different hearing requirements, different types of LifeTips are available. For example, LifeTips double allow for more amplification in the low frequency range. Refer to the latest product portfolio catalogue for a complete list of available LifeTips.

All LifeTip types are available in different sizes, to fit into the patient’s ear canal.

Installing LifeTips
▶ Push the LifeTip onto the LifeTube (with the dome-shaped end pointing away from the LifeTube). The LifeTip is correctly positioned when it lies beyond both notches directly against the tube nipple.

Removing LifeTips
▶ To remove the LifeTip, grasp it between the thumb and index finger and pull it off the LifeTube.
Earmolds

- To use an earmold with the LifeTube cut the LifeTube as shown in the picture.
- Glue the earmold to the LifeTube.
Preparing for programming

Programming connections overview
Depending on the type of hearing instrument, several programming connections are available:

▶ Programming pill
▶ Wireless connection
▶ CS44 plug

Programming pill

▶ If the side indicator blocks the space for the connectors of the programming pill, you have to remove the side indicator.

▶ Insert the pill in the battery compartment, close the battery compartment and connect the CS44 cable.
Wireless connection
► Refer to the user guide of the ConnexxLink set.

CS44 plug in the battery compartment
► Open the battery compartment.
The CS44 plug is now accessible.
CS44 plug beneath the user control

- Press the rocker switch and check on which side of the rocker switch a groove is visible.
- Carefully place the tip of the delivered tool in the groove and lever the rocker switch out.

The CS44 plug is now accessible.

- After programming, press the rocker switch back into place until it clicks noticeably.
For all hearing instruments it is necessary to apply an identification mark to designate whether the hearing instrument is intended for the left (blue mark) or the right (red mark) ear.

The type of identification mark depends on the type of hearing instrument. Some hearing instruments are by default delivered with a blue mark.

**Mark inside the battery compartment (type 1)**

Every identification mark is combined with a tool. The tool is necessary for removing the identification mark

▶ Insert the identification mark in the battery compartment (1), twist the tool to detach it from the mark (2) and remove the tool (3).

▶ For programming you have to remove the identification mark!

▶ To remove the identification mark, use the indicator tool to press down the middle of the identification mark and push the identification mark out.
Mark inside the battery compartment (type 2)

- Push the identification mark in the battery compartment (1).
- To remove the identification mark, use e.g. tweezers, to press down the middle of the identification mark and push the identification mark out (2).
Mark inside the battery compartment (type 3)

- Insert the identification mark as shown in the picture (1), twist the shaft to detach it from the mark (2) and remove the shaft (3).
Mark outside the battery compartment (type 4)

The position of the opening for the identification mark depends on the type of hearing instrument.

- Insert the identification mark in the opening (1), twist the shaft to detach it from the mark (2) and remove the shaft (3).

Waterproof pen

- If neither a type plate nor an identification mark in the battery compartment can be applied use a waterproof color pen to indicate the side of the hearing instrument.
Exchanging battery compartment

Depending on the hearing instrument a special battery compartment is required to use an audio shoe or a child lock.

The packaging of the special battery compartment exchange kit includes an detailed view of the hearing instrument, showing the position of the pin that has to be removed for exchanging the battery compartment.
Exchanging housing and user controls

The packaging of the housing exchange kits includes an detailed view of the hearing instrument, showing the positions and lengths of the pins that have to be removed for exchanging the housing and/or user controls.
Child lock on battery compartment

To use this type of child lock, a special battery compartment door must be installed.
The packaging of the special battery compartment exchange kit includes an leaflet with information about exchanging the battery compartment.

▶ Follow the instructions given by this leaflet.

With the help of a special tool, the battery compartment can be locked and unlocked.
The position of the locking bar in the battery compartment indicates whether the battery compartment is locked.
The upper image shows an unlocked battery compartment. To lock it, you have to remove the highlighted part.

The lower image shows a locked battery compartment. To unlock it, you have to install a child lock disabler.
Locking the battery compartment

▶ Insert the tip of the tool into the small opening.
▶ Push / Lever the small plastic part out of the battery compartment.

The battery compartment is locked.

Unlocking the battery compartment

▶ Push the locking bar with the child lock disabler to the other side.
▶ Ensure that the child lock disabler is completely inserted.

▶ Rotate the shaft to break it off.

The battery compartment is unlocked.
Opening the battery compartment

- Use the Child Lock Opening Tool to push the white locking bar to the opposite side.
- Hold it in place and at the same time open the battery compartment.

OR
Important information

Personal safety

CAUTION
A high SPL output can be harmful to your customer’s ear! For RIC instruments:

▶ Always have the correct receiver type connected to the hearing instrument when fitting the hearing instrument.
▶ Ensure that the correct receiver type is shown in the fitting software throughout the fitting process.
▶ Switch off the hearing instrument before changing the receiver during the fitting process.
▶ Having changed the receiver type, reconnect and detect the hearing instrument again.
▶ Observe the OSPL90 curve for the correct output level.
▶ Ensure that the hearing instruments are not in wearing position until a new first fit has been carried out.

CAUTION
Risk of injury!

▶ Make sure your patient always wears the tube with an ear piece.
▶ Make sure that the ear piece is completely attached.

CAUTION
Risk of injury!

▶ Insert the ear piece carefully and not too deeply into the ear.

CAUTION
Risk of injury!

▶ In very rare cases the ear piece could remain in your ear when removing the hearing instrument. If this happens, have the ear piece removed by a medical professional.
**WARNING**

Choking hazard!
Your hearing instruments contain small parts which can be swallowed.

- Keep hearing instruments, batteries and accessories out of reach of children and mentally disabled persons.
- If parts have been swallowed consult a physician or hospital immediately.

Siemens offers special hearing instruments for the fitting of infants and small children.

- Ask your Hearing Care Professional for further information.

- Never substitute the LifeTip with any other earpiece.
- Do not share or exchange LifeTips with other wearers.
- Do not fit this instrument to wearers with medical conditions of the ear.
- Do not insert LifeTips into the ears with excessive cerumen accumulation. Refer to these cases for cerumen removal.

**WARNING**

A Hearing Care Professional should advise a prospective hearing instrument user to consult a licensed physician before using the hearing instrument if the Hearing Care Professional determines that the prospective user has any of the following conditions:

- Visible congenital or traumatic deformity of the ear.
- History of active drainage from the ear within the previous 90 days.
- History of sudden or rapidly progressive hearing loss within the previous 90 days.
- Acute or chronic dizziness.
- Unilateral hearing loss of sudden or recent onset within the previous 90 days.
### Risk mitigations (not for printed manuals)

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