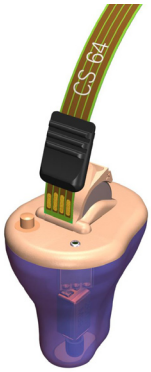
Application Note

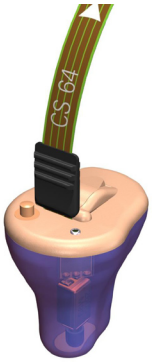
CS 63 & 64 Flexible Interconnect Systems

CS 63 & CS 64 Flexible Interconnect Systems - the interconnect systems for the next generation of hearing instruments. The system offers three or four connections, exchangeable flex-strip, no visible socket (no waste of faceplate real-estate), well-protected contact terminals and no need for removing the battery or the battery door during interconnection Created to meet the challenges facing today's hearing instrument designers - developing instruments for the next millennium.

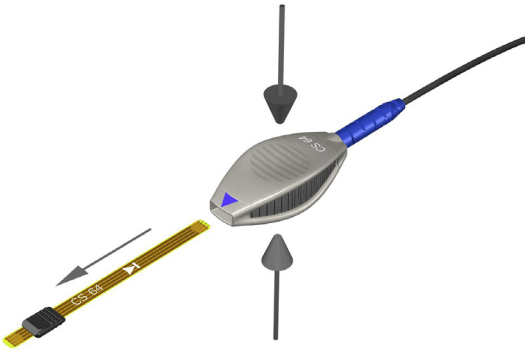
1
The Flexible Interconnect System is inserted behind the open battery door where it mates with the build-in contact terminals.



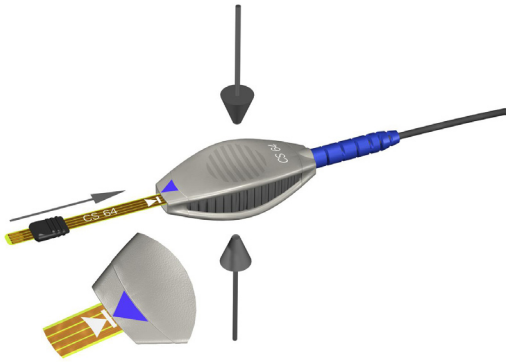
2
Before inserting the three or four contact flexible strip, the strip must be positioned as shown in the figure to the right - the gold plated contact pads facing away from the battery door.



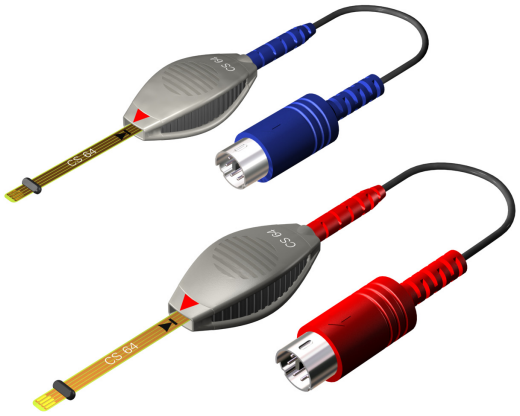
3
The strip is pushed down until the stop guide rests on the surface of the faceplate. The battery door is closed and a reliable connection to the build-in contacts is established.



4
The flexible strip may easily be replaced - just squeeze the clip module (the pod) and the strip can be pulled out.



5
When inserting a new strip, squeeze the clip module again and insert the new strip until the arrow marking on the strip aligns with the marking on the clip module.



6
The DIN versions of the CS 63 & CS 64 Flexible Interconnect Systems are offered with factory mounted, high tensile, flexible cable and a HiPro compatible MiniDIN plug.

Regarding the pin configuration of the MiniDIN plug and the three or four contact strip, please refer to the Flexible Interconnect System data sheet.

7
If you want to use existing CS 44 cables together with the Flexible Interconnect System, the CS 63 & CS 64 are offered with a build-in CS 44 socket accepting any CS 44 cable.

Regarding the pin configuration of the CS 44 socket and the three or four contact strip, please refer to the Flexible Interconnect System data sheet.

8. Cleaning
Flux residues may need to be removed by solvents, or cleaning agents. Please refer to the recommended cleaning solvents:

- Aqua wash (Alpha 2110)
- Benzine

The above types of cleaning agents have been tested and proven not to degrade the plastic. We do, however, always recommend handling a cleaning process in a ventilated environment to minimize the risk of degrading the components.

Use of other cleaning agents may harm the plastic, due to fumes of the cleaning agent,depending on type and how agressive the solvent is.

We strongly recommend **not** to use an ultrasonic cleaner with any of these components.

Any questions in relation to this Application Note can be addressed to Customer Quality Service (CQS), Medical Division in Roskilde, Denmark - e-mail: sonion.cqs@sonion.com