

The Hörknubbel® in detail

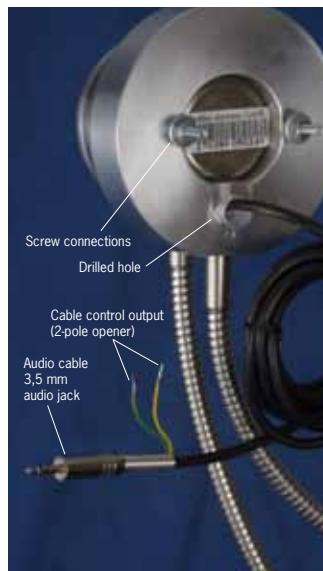
Nice to handle
... and to listen to



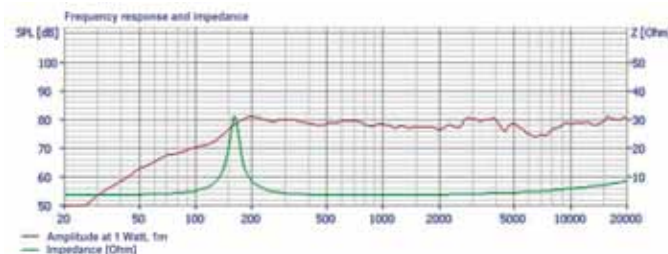
Technical Finesses

Quick installation and easy to mount

The Hörknubbel® mounting plate can quickly and securely be installed by two covered screw connections. The combined audio/switchboard cable is led through a third drilled hole. The Hörknubbel® can be mounted and connected in no time and conversely be dismantled and opened up for maintenance purposes.



Core Values: Best possible playback of vocal sound, audio tones and music



Back into place
– with magnetic power!



Weather-proof, indestructible...

Storm-proof, rain-proof and frost-proof

Thanks to its massive, splash- and wind-proof construction, the Hörknubbel® is the ideal solution for outdoor use and most suitable for the implementation in any kind of climate resisting wind and weather. Even severe icing up does not do any harm or damage as the functionality of the Hörknubbel® is not impeded once the ice is gone.



Ideal for outdoor use under hard conditions – now also available in color

...and colorful!

On request available in a wide range of colors to suit every taste

With its individual, colorful anodisation of the aluminum case, the Hörknubbel® can be perfectly integrated into every environment to match any kind of exhibition design or arrangement. The anodized layer penetrates the surface by approx. 10 µm. Currently, the following colors are available: silver, gold, orange, red, green, olive, blue, titan and black. Please give us a call.



Perfectly designed – down to the smallest detail

The rubber pad covers the screw connection of the mounting plate and allows the visitor to put back the handset without making any noise. All visible screws are coded. The sound outlet drillings only measure approx. 1 mm in diameter and thus impede any possible penetration via sharp objects. All parts of the casing are made of stainless steel and aluminium thus enabling an unproblematic and frequent disinfection of all exterior surfaces. When the surfaces are extremely soiled or dirty, simply use the polishing cloth included in the delivery and in the twinkling of an eye the entire unit looks brand new. In order to perform a comprehensive cleaning of the entire unit or to repair interior components, it is possible to quickly dismantle the Hörknubbel®. heddi electronic is able to refurbish the unit to a condition so that it is as good as new.

Hard shell, reliable core

Once you take the Hörknubbel® in your hand, you will immediately feel and sense its high quality and solid workmanship. The case, the receiver and all other components are precisely crafted and perfectly matched one another with the ultimate goal to guarantee a reliably and malfunction-free functionality over the years. The massive metal construction and the virtually indestructible surface finish withstand even the roughest handling for years to come.



Even extremely rough strains, such as being run over by a truck, do not leave any visible marks.



- Ergonomically appealing design and easy handling
- Easy to clean and disinfect robust metal surfaces
- Extremely high protection against vandalism thanks to highly resistant material and components (i.e. armored cables and special screws) for decades of operation
- Complete and thorough re-processing and interior cleaning by manufacturer
- Premium, undistorted and clear audio playback of tones, vocal sound and music thanks to high-performance Hi-Fi speakers
- Optional use as speaker for smaller visitor groups
- Low-cost, immediately available and comprehensive solution featuring mounting plate, mounting material and switch/control output
- 36 month warranty, 24/7 spare-parts service

Technical data

Frequency response	_____	150 - 20.000 Hz
Rated power	_____	4 Watt
Music load	_____	10 Watt
Impedance	_____	4 Ohm
Middle sound pressure level	_____	84 dB (1W/1m)
Resonance frequency	_____	250 Hz
Limiting circuit	_____	yes, electronically
Material	_____	stainless steel and aluminium
Temperature range	_____	-25°C up to +70°C



Size

Diameter handset	_____	77 mm, height 57 mm
Diameter magnetic holder	_____	98 mm, height 20 mm
Length armored cable	_____	900 mm, other lengths on request
Length audio cable	_____	2000 mm, open cable ends
Length cable control output	_____	approx. 2000 mm, 2pole ^{a/b)}

^{a)}contact closed = earpiece removed
^{b)}contact open = earpiece in bracket

Weight

Handset	_____	approx. 350 g
Magnetic holder and armored cable	_____	approx. 380 g

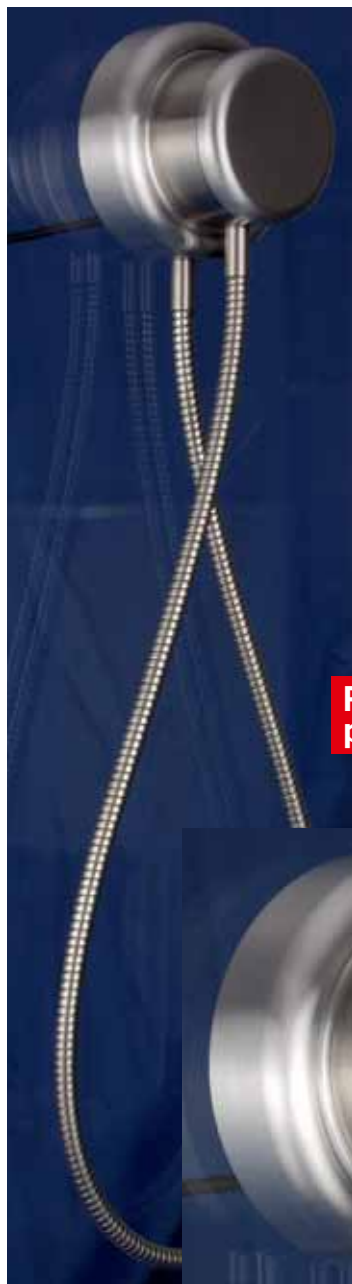
Scope of delivery

Handset, magnetic mounting plate, operation and installation manual, installation kit and polishing cloth

Optional

Customized colour for case/customized engravings on casing cover

*) The warranty does not cover damages based on vandalism and/or improper handling. Normal wear and tear is not a warranty case. Customized design of cases and colour are subject to additional charges. Depending on the design, subsequent refurbishing (as a standard service by heddier) of the Hörknubbel may be charged extra. heddier electronic GmbH is authorized to modify the products properties and features at any time and without prior notice. Subject to technical errors and as well as deviation in color in printed brochures (printing related). Hörknubbel® is a registered trademark of heddier electronic GmbH.



Owing to its clear-cut and elegant form and its timelessly appealing design, the Hörknubbel® can be perfectly integrated into the most diverse scenarios employed in furnishing concepts and exhibitions. Its robust, easy to clean and hygienically optimal stainless steel surfaces make the Hörknubbel® an investment featuring a value in use that guarantees a long-term and unobstructed utilization period.

Perfect sound – perfectly wrapped



The rough, everyday use in museums and exhibitions is exceptionally demanding for playback devices that are directly operated by visitors. When employing mechanical and electronic components and devices to facilitate unimpeded playback of sounds, music and spoken texts played close to the visitor's ear, it is particularly difficult to find a solution when it comes to issues such as functionality, ergonomics and stress.

Additionally, consumer devices usually swiftly reach their limit as regards protection against vandalism and theft. With the Hörknubbel® heddier electronic presents a handset kit that does not only meet all requirements mentioned above, it also functions as a speaker for guided tours thus supporting the guide dealing with larger groups.

Thanks to its conspicuous armored cable, the Hörknubbel® is immediately recognized by the visitor as an audio station so that he intuitively grabs the handset thus making any kind of instruction or explanation unnecessary. When taking the Hörknubbel® into his hand, the visitor instantaneously feels the Hörknubbel's® robust and first-class fabrication and quality. Be it kids or grown-ups: The Hörknubbel® smoothly fits into the hands of any visitor, ensuring a comfortable and easy grip. The handset is connected to an aluminium wall mounting by an armored cable that prevents any damage resulting from too much pulling by the user – a technology that proved to be most effective over the past decades with public phones. Of course, also its most important task – a perfect rendering of audio files – is no problem at all: The Hörknubbel® ensures a sound quality and authenticity that is simply outstanding.

Last but not least: Thanks to its "mysterious" but forceful magnetic fixing, it is even more fun to use the Hörknubbel® since picking it up and replacing it is definitely something that increases the auditory experience.



The Hörknubbel®



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