

HSM V (Code 1520)

HEAD Seat Mount Adapter for the artificial head measurement system or a head-shoulder unit



Overview

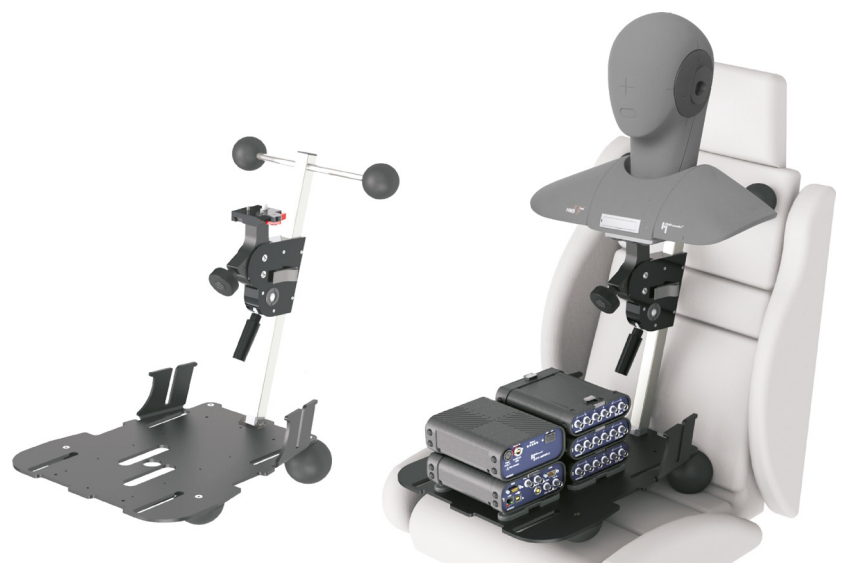
The HSM V Seat Mount Adapter is a stable platform for performing artificial head recordings, e.g. for wind channel measurements or on a test bench. Thanks to a quick-lock coupling, the artificial head can be attached quickly and easily to the lockable carriage on the back rail, resulting on a position resembling a person sitting in the vehicle. For precise positioning of the artificial head, the height of the carriage can be adjusted, and it can be tilted up to 30 degrees. The two spheres on the side arm of the back rail ensure a sufficient distance between the artificial head and the backrest to avoid interfering friction noise.

Additional devices, such as HEADlab modules, can be mounted safely on the bottom plate using suitable accessories, making them easily accessible from the driver's seat.

Spheres on the bottom side of the mounting plate ensure stability. In addition, the HSM V can be secured with the safety belt.

Features

- Solution for recordings in a vehicle with the artificial head measurement system HMS III and HMS IV or a head-shoulder unit HSU III, HSU III.2, or HSU III.3 e.g. in the laboratory, in a wind channel, or on a test bench
- Convenient system for mounting the artificial head and other devices, such as HEADlab systems, on a car seat
- Easy attachment of the artificial head with a quick-lock coupling
- Pressure-free positioning of the artificial head
- Seamless height adjustment (120 mm - 4.7") and angle adjustment (30 degrees) for exact positioning of the artificial head
- Spheres on the side arm of the back rail and under the bottom plate ensure stability
- Seat belt fastener for high stability of measurement equipment



HEAD Seat Mount Adapter HSM V with an artificial head measurement system HMS IV and a HEADlab system on a car seat (right).



HEAD Seat Mount Adapter HSM V, side view (left), top view (middle) and front view (right).

Scope of supply

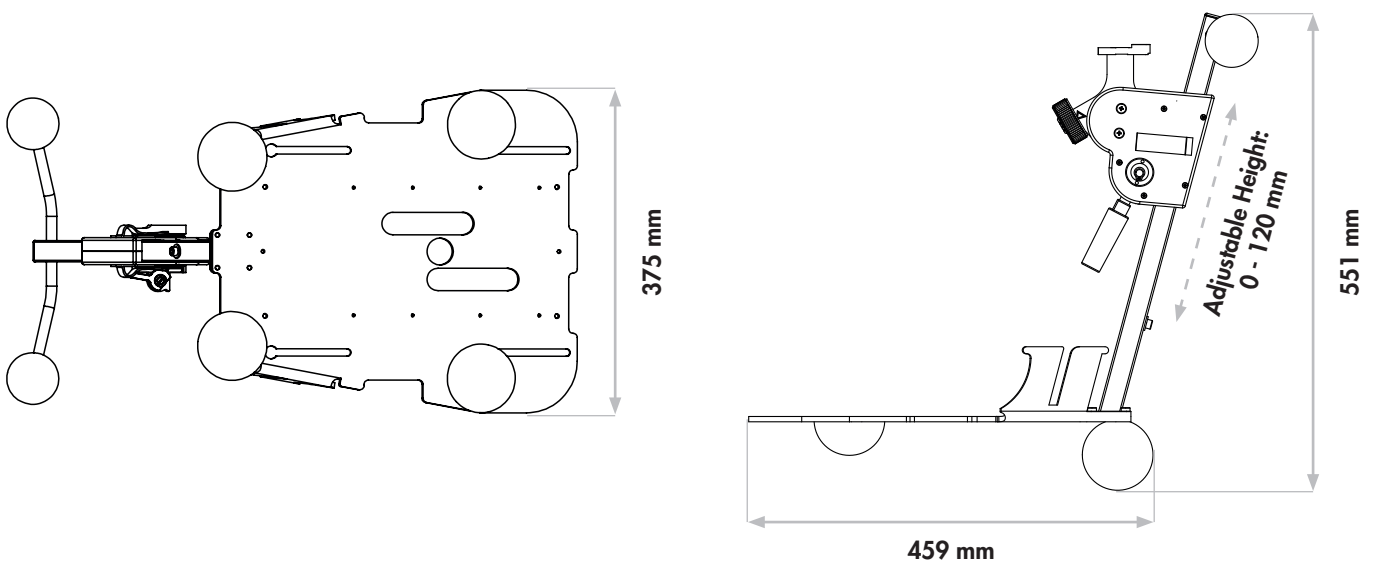
- HSM V (Code 1520)
HEAD Seat Mount Adapter
for HMS III, HMS IV / HSU III,
HSU III.2, HSU III.3
- HQR-P (Code 1965)
HEAD Quick Release Plate
for HMS III, HMS IV / HSU III,
HSU III.2, HSU III.3

Accessories (optional)

- *labMA-a* Code (3760)
HEADlab Mount Adapter, active
- *labMA-p* (Code 3761)
HEADlab Mount Adapter, passive

Technical Data

Height:	551 mm (21.7")
Width (bottom plate):	375 mm (14.8")
Height adjustment travel:	120 mm (4.7")
Adjustable pivot joint:	25° to -5°
Weight:	5.3 kg (11.7 lb)
Elevation of artificial head microphones measured between crosshair on artificial head - ear elevation - and bottom of base plate:	655 mm (25.8") to max. 775 mm (30.5")



HSM V and HMS/HSU: measuring position of the artificial head microphones

