



Codes 1500 – 3800

# HEADlab Fastening Accessories

HEAD acoustics provides high-quality fastening accessories for your measurement equipment. Using these accessories helps you fasten HEADlab systems, artificial heads, labSAR components, etc. very securely and thus protect your investment.

# OVERVIEW

## HEADlab Fastening Accessories

Codes 1500 – 3800

Use the flexible combinations of fastening components to connect HEADlab modules, artificial heads, *labSAR* components, etc. to form stable systems in just a few steps.

For applications in vehicles, HEAD acoustics particularly recommends the MDM systems that can be used to fasten your measurement equipment in car interiors and trunks or on test benches, for example.



## KEY FEATURES

- › Wide-range, high-quality accessories for fastening HEADlab systems, artificial heads, *labSAR* systems, etc.
- › Increased safety for people and measurement equipment
- › Easy to install, highly stable
- › Flexible combination of the fastening components depending on requirements
  - › *labCP* connection plates
  - › MDM systems (also for artificial heads and other measurement equipment)
  - › *labMA* mount adapters
  - › *labSMP* 1.1 system mounting plate
  - › *labRCH* retractable carry handle
  - › HSM V HEAD Seat Mount adapter
  - › HTB VI HEAD Torso Box
- › The fastening accessories can also be used with all first-generation HEADlab modules that were available before the face-lift (December 2021). It is only the *labCP* connection plates that can be used exclusively with the modules in the new design.

## APPLICATIONS

Fastening measurement equipment

- › in vehicles
- › in airplanes
- › on test benches
- › ...

# DETAILS

## Integrated Locking Mechanism of the HEADlab Modules

All HEADlab modules have an integrated locking mechanism, enabling smaller HEADlab systems to be connected and disconnected without additional fastening accessories.

## Fastening Accessories

HEAD acoustics offers high-quality fastening accessories that provide additional stability compared to the modules' integrated locking mechanism when fastening larger systems including artificial heads etc. and for use in difficult conditions. These fastening accessories do not only protect your measurement equipment from damage but also your employees from injury. Mounting the accessories is very easy, so you can use your customized measurement systems quickly and safely.

## Connection Plates

- > *labCP 1.1*
- > *labCP 1.2*
- > *labCP 1.3*
- > *labCP 1.4*
- > *labCP 1.5*

The connection plates can be screwed to each other as well as to the modules, thus ensuring a particularly high level of stability.

Some connection plates can be flexibly combined with each other in order to securely connect customized HEADlab and labSAR systems.

HEADlab modules in the old design that were available before the face-lift in December 2021 cannot be fastened with the connection plates.



*labCP 1.2*



*labCP 1.3, labCP 1.5*

## Mount Adapters

- › *labMA-a* (active locking mechanism)
- › *labMA-p* (passive locking mechanism)

The *labMA-a* and *labMA-p* mount adapters are equipped with the same locking mechanism as the *HEADlab* modules. They can also be screwed to an MDM system, an HSM V HEAD Seat Mount adapter, or the *labSMP I.1* mounting plate, so you can use your *HEADlab* system safely and securely in vehicles or on test benches, for example.

## MDM Systems

MDM systems can be used to securely fasten *HEADlab* systems in vehicles with or without integrated ISOFIX attachment systems. They can also be used to fasten artificial heads from *HEAD* acoustics, ensuring that your entire measurement equipment is secured and does not pose a hazard.

- › MDM I.0\*

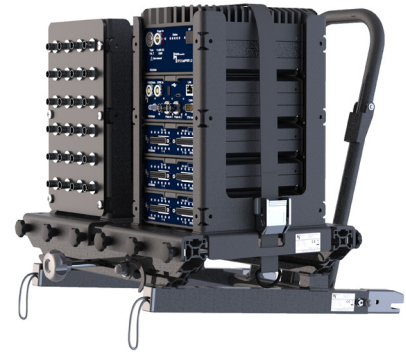
The universal MDM I.0 base frame can be fitted very securely to car seats that are equipped with an ISOFIX attachment system. A maximum of two MDM I.3 mounts for measuring device mounts can be attached to MDM I.0.

- › MDM I.1

The MDM I.1 ISOFIX adapter (included in the MDM I.0 scope of delivery) enables you to use MDM I.0 even in vehicles that are not equipped with an ISOFIX attachment system. The adapter is placed on the backside of a car seat fitted with a separate seat cushion and backrest and is securely connected to MDM I.0 via two sturdy metal brackets.



MDM I.0, MDM I.7, *labMA-a*



MDM I.0, MDM I.3, MDM I.4, MDM I.5



MDM I.10, MDM I.3, MDM I.4, MDM I.5

- › MDM I.2

Use two MDM I.2 protective covers (included in the scope of delivery of MDM I.0) to protect your car seats.

- › MDM I.10\*

The universal MDM I.10 base frame can be used to secure your *HEADlab* systems in a trunk, for example. MDM I.10 can be equipped with a maximum of four MDM I.3 mounts for measuring device mounts and secured with tensioning straps.

- › MDM I.3

The MDM I.3 mount for measuring device mounts enables several *HEADlab* modules to be fastened and can be securely mounted on the MDM I.0 or MDM I.10 base frames in just a few simple steps. Tensioning straps for the *HEADlab* modules provide additional security.

- › MDM I.4 and MDM I.5

The MDM I.4 and MDM I.5 multichannel connector panels each provide 24 BNC connections on the front and on the back, enabling BNC cables to be connected from both sides to clearly wire up measurement setups with many channels.

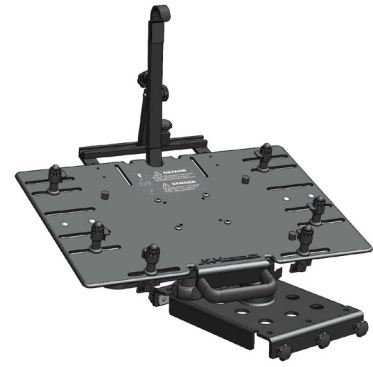
\* The MDM I.0 and MDM I.10 universal base frames are manufactured by KWH-Computerhalter GmbH but can be purchased directly from *HEAD* acoustics.

› MDM I.6\*

It takes just a few simple steps to attach the MDM I.6 laptop holder with display support for measuring device mounts to the MDM I.0 base frame. This enables you to securely fix your laptop, align it individually, and operate it comfortably.

› MDM I.7

Use the MDM I.7 seat mount adapter to fasten your HMS V or HSU artificial head as well as a smaller HEADlab system to a car seat. MDM I.7 is mounted on the MDM I.0 base frame, ensuring that your artificial head is securely fastened with the MDM I.0 ISOFIX attachment system. The seat mount adapter is continuously adjustable in height and tilt, enabling precise positioning of the artificial head.



MDM I.6

### Artificial Head/HEADlab Platforms

› HSM V

The HSM V HEAD Seat Mount adapter is a platform for your HMS V or HSU artificial head and a small HEADlab system intended to be used on test benches, for example.

› HTB VI

The HTB VI HEAD Torso Box is a mounting platform for your HMS or HSU artificial head and further measurement systems in stationary use. HTB VI features a housing modeled on the shape of the human torso and can be used for artificial head measurements in accordance with ITU Recommendation P.58, Tab. 1 (ANSI 3.36, Tab. 1).



MDM I.0, MDM I.7, labMA-a

### Mounting Plates

› labSMP I.1

The labSMP I.1 mounting plates can be used to securely fix HEADlab systems using tensioning straps, for example. A maximum of five modules can be attached between two labSMP I.1 using labMA-a and labMA-p; plus one additional module on each of the outer sides of the mounting plates.

### Retractable Carry Handle

› labRCH I.1

The labRCH I.1 Retractable Carry Handle is screwed to the underside of an active (labMA-a) or passive (labMA-p) mount adapter, enabling you to conveniently carry HEADlab systems with up to five modules.



labSMP I.1, labCP I.2, labCP I.3, labMA-a, labMA-p

\* The MDM I.6 laptop holder is manufactured by KWH-Computerhalter GmbH but can be purchased directly from HEAD acoustics.

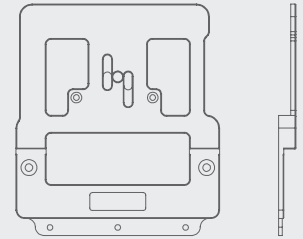
# At a Glance

## labCP I.1

Connection plates (2 x)  
for HEADlab generation II  
(Code 3765.1)



- > For fastening
  - > 1 x labSAR I.1
  - > 1 x HEADlab controller
- > Combinable with labCP I.2, labCP I.3, labMA-a, labMA-p, labRCH I.1



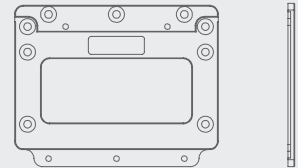
- > Material: Aluminum
- > Dimensions (W x H x D): 120 mm x 136 mm x 95 mm
- > Weight: 272 g (1 x labCP I.1)

## labCP I.2

Connection plates (2 x)  
for HEADlab generation II  
(Code 3765.2)



- > For fastening
  - > 2 x HEADlab module
  - or
  - > 1 x HEADlab module
  - > 1 x HEADlab controller
- > Combinable with labCP I.1, labCP I.2, labCP I.3, labCP I.4, labCP I.5, MDM I.3, labMA-a, labMA-p, labSMP I.1, HSM V, HTB VI, labRCH I.1



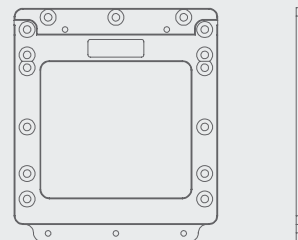
- > Material: Aluminum
- > Dimensions (W x H x D): 120 mm x 9.5 mm x 5 mm
- > Weight: 150 g (1 x labCP I.2)

### labCP I.3

Connection plates (2 x)  
for HEADlab generation II  
(Code 3765.3)



- › For fastening
  - › 3 x HEADlab module
  - or
  - › 2 x HEADlab module
  - › 1 x HEADlab controller
  - or
  - › 1 x Supply module
  - › 1 x HEADlab controller
- › Combinable with  
*labCP I.1, labCP I.2, labCP I.3, labCP I.4, labCP I.5, MDM I.3, labMA-α, labMA-p, labSMP I.1, HSM V, HTB VI, labRCH I.1*



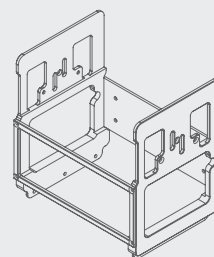
- › Material: Aluminum
- › Dimensions (W x H x D): 120 mm x 138 mm x 5 mm
- › Weight: 177 g (1 x labCP I.3)

### labCP I.4

Connection plates  
for HEADlab generation II  
(Code 3765.4)



- › For fastening
  - › 1 x HEADlab controller
  - › 1 x labSAR I.1
  - › 1 x labSWP-x
- › Combinable with  
*labCP I.2, labCP I.3*



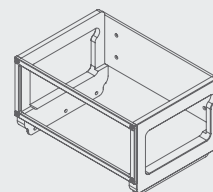
- › Material: Aluminum
- › Dimensions (W x H x D): 155 mm x 157 mm x 115 mm
- › Weight: 380 g

### labCP I.5

Connection plates  
for HEADlab generation II  
(Code 3765.5)



- › For fastening
  - › 1 x HEADlab controller
  - › 1 x labSWP-x
- › Combinable with  
*labCP I.2, labCP I.3*



- › Material: Aluminum
- › Dimensions (W x H x D): 155 mm x 89 mm x 115 mm
- › Weight: 299 g

### MDM I.0

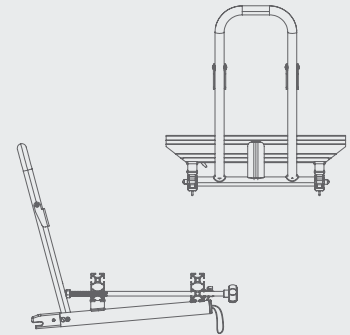
Measuring device mount with ISOFIX – base frame including MDM I.1 and MDM I.2  
(Code 3764.0)



- > For fastening
  - > 2 x MDM I.3
  - or
  - > 1 x MDM I.6
  - or
  - > 1 x MDM I.7
- > Combinable with MDM I.4, MDM I.5

For car seats without ISOFIX attachment system:

- > Combinable with
  - > 1 x MDM I.1



- > Dimensions (W x H x D): 395 mm x 406 mm x 483 mm
- > Weight (including MDM I.2 protective covers): 2.7 kg

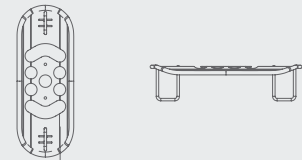
### MDM I.1

ISOFIX adapter for MDM I.0 measuring device mount



- > Combinable with
  - > 1 x MDM I.0

MDM I.1 is included in the scope of delivery of MDM I.0



- > Dimensions (W x H x D): 132 mm x 83 mm x 365 mm
- > Weight: 700 g

### MDM I.2

Protective covers for MDM I.0

- > For fastening to
  - > 1 x MDM I.0

MDM I.2 is included in the scope of delivery of MDM I.0

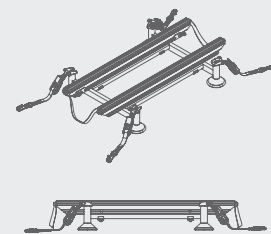
### MDM I.10

Measuring device mount for trunks – base frame  
(Code 3764.10)

Manufactured by KWH-Computerhalter GmbH



- > For fastening
  - > 4 x MDM I.3
- > Combinable with MDM I.4, MDM I.5, MDM I.6



- > Dimensions (W x H x D): 507 mm x 127 mm x 821 mm
- > Weight: 6.25 kg

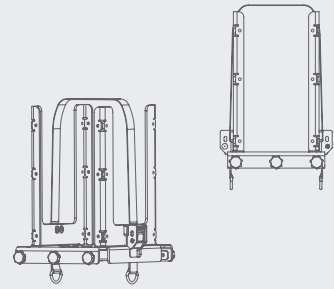


### MDM I.3

HEAD/lab attachment for measuring device mounts  
(Code 3764.3)



- › For fastening
  - › 5 x HEAD/lab module
  - or
  - › 2 x MDM I.4
  - › 1 x MDM I.5
- › Required:
  - › MDM I.0
  - or
  - › MDM I.10
- › Combinable with  
*labCP I.1, labCP I.2, labCP I.3, labCP I.4, labCP I.5*



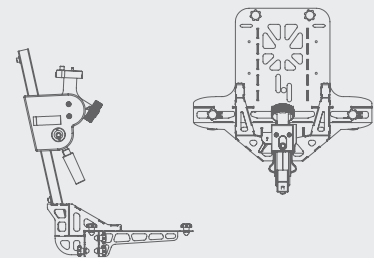
- › Dimensions (W x H x D): 180 mm x 207 mm x 260 mm
- › Weight: 2.5 kg

### MDM I.7

Seat mount adapter for HMS / HSU  
for measuring device mount with ISOFIX  
(Code 3764.7)



- › For fastening
  - › 1 x HMS V artificial head
  - or
  - › 1 x HSU artificial head
- › Required:
  - › MDM I.0
- › Combinable with
  - › *labMA-a, labMA-p*



- › Dimensions (W x H x D): 395 mm x 482 mm x 407 mm
- › Weight: 5.85 kg

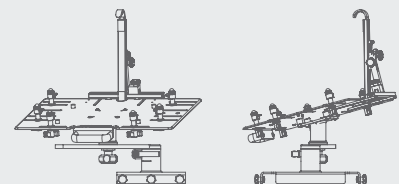
### MDM I.6

Laptop holder including display support  
(Code 3764.6)

Manufactured by KWH-Computerhalter GmbH



- › For fastening
  - › 1 x laptop
- › Required:
  - › MDM I.0
  - or
  - › MDM I.10



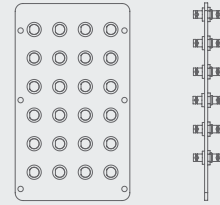
- › Suitable for laptops 13 to 17 inches
- › Weight: 3.8 kg

### MDM I.4

Multichannel connector plate (front or back) for measuring device mounts  
(Code 3764.4)



- › For fastening
  - › 24 x BNC cable (front connection)
  - › 24 x BNC cable (back connection)
- › Required:
  - › MDM I.3and
  - › MDM I.0or
  - › MDM I.10



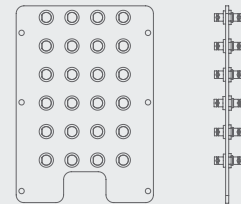
- › Dimensions (W x H x D): 149 mm x 255 mm x 36 mm
- › Weight: 731 g

### MDM I.5

Multichannel connector plate (side) for measuring device mounts  
(Code 3764.5)



- › For fastening
  - › 24 x BNC cable (front connection)
  - › 24 x BNC cable (back connection)
- › Required:
  - › MDM I.3and
  - › MDM I.0or
  - › MDM I.10



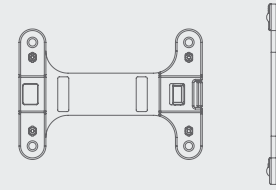
- › Dimensions (W x H x D): 178 mm x 255 mm x 36 mm
- › Weight: 787 g

### labMA-p

Mount adapter with passive locking mechanism  
(Code 3761)



- > For fastening
  - > 1 x HEADlab module
  - or
  - > SQuadriga III
- > Combinable with *labCP I.1*, *labCP I.2*, *labCP I.3*, MDM I.7, *labMA-a*, *labMA-p*, HSM V, HTB VI, *labSMP I.1*, *labRCH I.1*



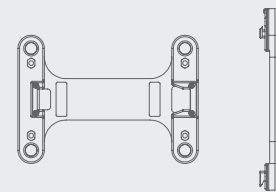
- > Material: Aluminum, polyoxymethylene (POM)
- > Dimensions (W x H x D): 174 mm x 139 mm x 10 mm
- > Weight: 170 g

### labMA-a

Mount adapter with active locking mechanism  
(Code 3760)



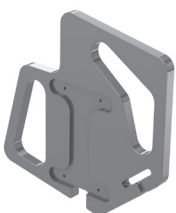
- > For fastening
  - > 1 x HEADlab module
- > Combinable with *labCP I.1*, *labCP I.2*, *labCP I.3*, MDM I.7, *labMA-a*, *labMA-p*, HSM V, HTB VI, *labSMP I.1*, *labRCH I.1*



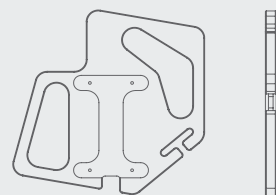
- > Material: Aluminum, polyoxymethylene (POM)
- > Dimensions (W x H x D): 174 mm x 130 mm x 14 mm
- > Weight: 180 g

### labSMP I.1

Mounting plate for mounting HEADlab systems to vehicle seats, for example  
(Code 3762)



- > For fastening
  - > 2 x *labMA-a*, *labMA-p*
- > Combinable with *labCP I.2*, *labCP I.3*, *labSMP I.1*



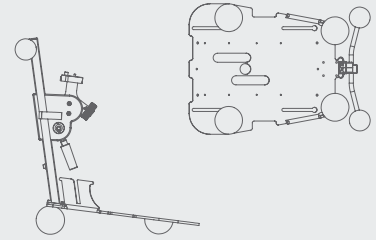
- > Material: Polyoxymethylene (POM)
- > Dimensions (W x H x D): 305 mm x 300 mm x 18 mm
- > Weight: 1.28 kg

## HSM V

Seat Mount Adapter  
for HMS V, HSU  
(Code 1520)



- › For fastening
  - › 1 x HMS V artificial head  
or
  - › 1 x HSU artificial head  
and
  - › 2 x *labMA-a*, *labMA-p*
- › Combinable with  
*labCP 1.2*, *labCP 1.3*



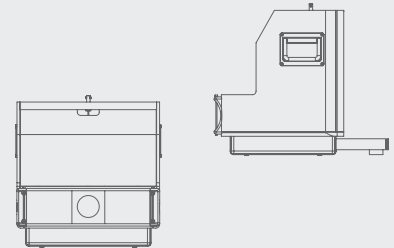
- › Dimensions (W x H x D): 375 mm x 551 mm x 459 mm
- › Weight: 5.3 kg

## HTB VI

HEAD Torso Box  
for HMS, HSU  
(Code 1574)



- › For fastening
  - › 1 x HMS artificial head  
or
  - › 1 x HSU artificial head  
and
  - › 2 x *labMA-a*, *labMA-p*
- › Combinable with  
*labCP 1.2*, *labCP 1.3*



- › Dimensions (W x H x D): 398 mm x 397 mm x 357 mm  
(with extended swivel arm: 398 mm x 397 mm x 480 mm)
- › Weight: 5.3 kg

## labRCH I.1

Retractable Carry Handle  
(Code 3763)



- › For fastening
  - › 1 x *labMA-a*, *labMA-p*

- › Material: Aluminum, polyoxymethylene (POM)
- › Dimensions (W x H x D): 178 mm x 128 mm x 18 mm
- › Weight: 740 g

# Combination Options: Fastening Accessories and Measurement Equipment

	HEADlab – Second Generation	HEADlab – First Generation	Artificial Heads HMS V, HSU	labSAR	More Products, Hardware
<i>labCP I.1</i>	✓			✓	
<i>labCP I.2</i>	✓				
<i>labCP I.3</i>	✓				
<i>labCP I.4</i>	✓			✓	<i>labSWP-x</i>
<i>labCP I.5</i>	✓				<i>labSWP-x</i>
MDM I.0	✓	✓			
MDM I.10	✓	✓			
MDM I.3	✓	✓			
MDM I.7	✓	✓	✓		
MDM I.6					Laptop
MDM I.4					BNC cable
MDM I.5					BNC cable
<i>labMA-a</i>	✓	✓			<i>labRCH I.1</i>
<i>labMA-p</i>	✓	✓			SQuadriga III <i>labRCH I.1</i>
<i>labSMP I.1</i>	✓	✓			SQuadriga III
HSM V	✓	✓	✓		SQuadriga III
HTB VI	✓	✓	✓		SQuadriga III HMS
<i>labRCH I.1</i>	✓	✓			

# Combination Options: Fastening Accessories Combined

	<i>labCP I.1</i>	<i>labCP I.2</i>	<i>labCP I.3</i>	<i>labCP I.4</i>	<i>labCP I.5</i>	MDM I.0	MDM I.10	MDM I.3	MDM I.7	MDM I.6	MDM I.4	MDM I.5	<i>labMA-a</i>	<i>labMA-p</i>	<i>labSMP I.1</i>	HSM V	HTB VI	<i>labRCH I.1</i>
<i>labCP I.1</i>		✓	✓					✓					✓	✓				
<i>labCP I.2</i>	✓	✓	✓	✓	✓			✓					✓	✓	✓	✓	✓	
<i>labCP I.3</i>	✓	✓	✓	✓	✓			✓					✓	✓	✓	✓	✓	
<i>labCP I.4</i>		✓	✓					✓										
<i>labCP I.5</i>		✓	✓					✓										
MDM I.0								✓	✓	✓	✓	✓						
MDM I.10								✓		✓	✓	✓						
MDM I.3	✓	✓	✓	✓	✓	✓	✓				✓	✓						
MDM I.7						✓							✓	✓				
MDM I.6						✓	✓											
MDM I.4						✓	✓	✓										
MDM I.5						✓	✓	✓										
<i>labMA-a</i>	✓	✓	✓						✓				✓	✓	✓	✓	✓	✓
<i>labMA-p</i>	✓	✓	✓						✓				✓	✓	✓	✓	✓	✓
<i>labSMP I.1</i>		✓	✓										✓	✓	✓			
HSM V		✓	✓										✓	✓				
HTB VI		✓	✓										✓	✓				
<i>labRCH I.1</i>													✓	✓				



## Contact

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