

TLP II

Triaxial Laser Pointer for New Generation Artificial Heads

Code 1969

With the triaxial laser pointer TLP II, you can reliably reproduce the position and the alignment of a compatible measurement system. Your measurement series thus gain in precision and comparability.

Many of our current products feature compatible mounting points, including the artificial head measurement systems of the HMS IV, HMS V, and HMS II series, the binaural sensor unit BSU, and the artificial head microphones of the HSU III series. Using an adapter, you can also mount TLP II to legacy artificial head models which feature a single mounting point.

The lasers are powered by an internal battery which is charged via the USB C connector and allows up to twelve hours of operation.

TLP II is placed on the mounting points of a compatible measurement system and is fastened with a knurled screw. As soon as you switch on TLP II, you can position and align your measurement system with millimeter precision using the three projected laser light points.



TLP II mounted to HMS V

TECHNICAL DATA

General

Dimensions (WxHxD)	70 x 43 x 100 mm
Weight	300 g
Battery	
Type	LiPo 3.7 V 1320 mAh/4.88 Wh
Charging time	4 h with empty battery
Charging current	Max. 450 mA
Typ. operating time	12 h when fully charged
Temperature ranges	
Operation	-20 °C – +50 °C -4 °F – 122 °F
Charging	0 °C – +45 °C 32 °F – 113 °F
Storage	-20 °C – +45 °C -4 °F – 113 °F
Storage >3 months	0 °C – +30 °C 32 °F – 86 °F

Laser

Accuracy with repeated setup	0.1° (max. 1.75 mm per meter)
Beam diameter	2 mm
Point size	<3 mm at 5 m distance

USB C connector

Power consumption	2.7 W (switched on and charging)
Voltage	5 V, ±10%

SCOPE OF DELIVERY

- › TLP II (code 1969)
Triaxial laser pointer
- › Bag (code 9876)
Bag for TLP II and accessories
- › CUSB IX-1.5 (code 9897-1.5)
USB C charging cable
- › Mounting adapter for legacy artificial head models
- › Sticker with aims for exact alignment

Authorised distributor

In Australia:

For customer service, call 1300-735-292
To email an order, ordersanz@thermofisher.com
To order online: thermofisher.com

In New Zealand:

For customer service, call 0800-933-966
To email an order, ordersanz@thermofisher.com
To order online: thermofisher.com

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