

Product Data

Positioning Frame — UA 1324

USES:

- Correct positioning Sound Quality Head and Torso Simulator Type 4100 (D) in a vehicle seat or other seat

FEATURES:

- Fits a wide variety of seats
- Scaled ear height and torso tilt angle adjustable from either side of frame:
 - Ear height: 600 to 800 mm above seat
 - Tilt angle: -15 to $+45^\circ$

- Mounting space for Sound Quality Conditioning Amplifier Type 2672 and a DAT recorder
- Stable positioning of ears
- High repeatability
- No noise generated by the frame during driving
- Low acoustic influence from reflection and diffraction
- Handles for easy installation
- Easy mounting of 4100 (D) using only two screws
- Fastening strap for fixing frame to seat
- Locking device for safety belt
- Low weight

Positioning Frame UA 1324 is for use with Sound Quality Head and Torso Simulator Type 4100 and 4100D (see separate Product Data BP 1436)*. The frame is easy to position in a car – or other – seat, and can be quickly secured to any of a wide variety of seats without modification or damage to the upholstery or lining.

The head and torso simulator is quickly fixed in the frame by sliding it vertically downwards into two slots and securing it with two Allen screws. Once in position, you can adjust the height of the simulator and its angle of tilt to correspond, for example, to the position of the head of a driver/passenger in a car.

The height and tilt angle can be adjusted before the frame is installed in the vehicle, or after you have placed it in the seat. Adjustment knobs are accessible from both sides of the positioning frame, and scales showing the height (in cm) and tilt angle (5° scale resolution) can be read from both sides.

The base of the frame provides stability and allows you to use standard safety belts to secure the frame and simulator. It also has room for power supplies, amplifier and DAT recorder.

* It can also be used with Head and Torso Simulator Type 4128.



Specific fasteners are provided for Sound Quality Conditioning Amplifier

Type 2672 (see separate Product Data BP 1588) and a SONY PC 204 A

Instrumentation Cassette Recorder (DAT) in Guard Frame WU 0484.

Specifications UA 1324

<p>ANGLE OF TILT: + 15 to -45°; scale calibrated in 5° steps</p> <p>HEIGHT ADJUSTMENT: 600 to 800 mm above seat. Height adjustment with spindle/wire arrangement: 1 turn/6 mm; scale calibrated in 1 cm steps</p> <p>DIMENSIONS (lowest position) Height: 45 cm (17.7") Width: 45 cm (17.7"), excluding handles and knobs Depth: 52.5 cm (20.7")</p> <p>Weight: 6.5 kg (14.3 lb.), excluding Type 4100(D), DAT recorder and conditioning amplifier</p>	<p>COMPLIANCE WITH STANDARDS:</p> <table border="1"><tr><td>Temperature</td><td>IEC 68-2-1 & IEC 68-2-2: Environmental Testing. Cold and Dry Heat. Operating Temperature: -10 to +55 °C Storage Temperature: -25 to +70 °C</td></tr><tr><td>Humidity</td><td>IEC 68-2-3: 90% RH (non-condensing at 40 °C)</td></tr><tr><td>Mechanical</td><td>Non-operating IEC 68-2-6: Vibration: 0.3 mm, 20 m/s², 10-500 Hz IEC 68-2-27: Shock: 1000 m/s² IEC 68-2-29: Bump: 1000 bumps at 250 m/s²</td></tr></table>	Temperature	IEC 68-2-1 & IEC 68-2-2: Environmental Testing. Cold and Dry Heat. Operating Temperature: -10 to +55 °C Storage Temperature: -25 to +70 °C	Humidity	IEC 68-2-3: 90% RH (non-condensing at 40 °C)	Mechanical	Non-operating IEC 68-2-6: Vibration: 0.3 mm, 20 m/s ² , 10-500 Hz IEC 68-2-27: Shock: 1000 m/s ² IEC 68-2-29: Bump: 1000 bumps at 250 m/s ²
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Ordering Information

UA 1324 Positioning Frame Includes the following accessories: QX 1172: 3 mm Allen Key	WA 0741: Fastening Strap WA 0742: Instrumentation Fixing Strap	WA 0743: Clamp (Safety Belt Locking Device) 2×WA 0745: Fixing Adaptor (for Type 4100 (D))
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Brüel&Kjær reserves the right to change specifications and accessories without notice

Brüel & Kjær 

WORLD HEADQUARTERS:

DK-2850 Naerum · Denmark · Telephone: +45 45 80 05 00 · Fax: +45 45 80 14 05 · Internet: <http://www.bk.dk> · e-mail: info@bk.dk
Australia (02) 9450-2066 · Austria 00 43-1-865 74 00 · Belgium 016/44 92 25 · Brazil (011) 246-8166 · Canada: (514) 695-8225 · China 10 6841 9625 / 10 6843 7426
Czech Republic 02-67 021100 · Finland 90-229 3021 · France (01) 69 90 69 00 · Germany 0610 3/908-5 · Holland (0)30 6039994 · Hong Kong 254 8 7486
Hungary (1) 215 83 05 · Italy (02) 57 60 4141 · Japan 03-3779-8671 · Republic of Korea (02) 3473-0605 · Norway 66 90 4410 · Poland (0-22) 40 93 92 · Portugal (1) 47114 53
Singapore (65) 275-8816 · Slovak Republic 07-37 6181 · Spain (91) 36810 00 · Sweden (08) 71127 30 · Switzerland 01/94 0 09 09 · Taiwan (02) 713 9303
United Kingdom and Ireland (0181) 954-236 6 · USA 1 - 800 - 332 - 2040
Local representatives and service organisations worldwide

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