

1 Safety

1.1 Usage warning



The Tobii Pro Glasses 2 system is composed of several components as described in the user manual and should be used according to manufacturer instructions. Connecting, or by other means using any other component than advised in the user manual may damage or injure a person, their property or recorded data, and is done entirely at the user's own risk.

The head unit should be fitted on the test participant according to manufacturer instructions. Tobii or its agents are not liable for damage or injuries to a person or their property due to a head unit being dropped in any configuration. Fitting the head unit onto a test participant is done entirely at the user's own risk.

The head unit is equipped with a head strap to enable tighter mounting of the head unit onto the wearer's head. Neither Tobii nor its agents are liable for damages or injuries to a person or their property caused by the head unit's head strap

1.2 Emergency warning



The Tobii Pro Glasses 2 system is to be used for research purposes only. Be aware that due to the low, but possible risk of failure or distraction, Pro Glasses 2 should not be relied upon or used in dangerous or otherwise critical situations.

1.3 Child Safety



The Tobii Pro Glasses 2 system is an advanced computer system and electronic device. As such it is composed of numerous separate, assembled parts. In the hands of a child some of these parts may become detached from the device, possibly constituting a choking hazard or another danger to the child.

Young children should not have access to, or use of the device without parental or guardian supervision.

1.4 Infrared warning



When activated, the head unit emits pulsed infrared (IR) light. Certain medical and other devices are susceptible to disturbance by IR light and/or radiation. Do not use the Tobii Pro Glasses 2 system when in the vicinity of such susceptible devices as their accuracy or proper functionality could be impaired.

1.5 Epilepsy warning



Some people with photosensitive epilepsy (PSE) are susceptible to epileptic seizures or loss of consciousness when exposed to certain flashing lights or light patterns in



everyday life. This may happen even if the person has no medical history of epilepsy or has never had any epileptic seizures.

A person with PSE would also be likely to have problems with TV screens, some arcade games, and flickering fluorescent bulbs. Such people may have a seizure while watching certain images or patterns on a monitor, or even when exposed to the light sources of an eye tracker. It is estimated that 3 to 5% of those diagnosed with epilepsy have this type of epilepsy. Many people with PSE experience an "aura" or odd sensations before a seizure occurs. If you, or the wearer of the head unit, feel odd during use, turn off and remove the head unit.

1.6 Mechanical shock warning



The Tobii Pro Glasses 2 system is a delicate measuring instrument used for research purposes and should be treated with care at all times. To avoid breaking or damaging the internal electronic circuits, do not drop, knock, or shake the device. Eye tracking quality or accuracy can be seriously affected if the head unit or recording unit has been dropped. If the eye tracker is exposed to mechanical shock, for example, when dropped, do not try to start it or connect it to a power source. Contact Tobii Support for instructions.

1.7 Do not open the devices



Do not open or disassemble the head unit or the recording unit. Non-compliance will result in loss of warranty! There are no user serviceable components inside. Contact Tobii Support if Tobii Pro Glasses 2 is not working properly.

1.8 Connectors



The head unit and recording unit have numerous external interfaces (connectors). Connecting any other device or connector than those intended may cause personal injuries and/or damage Tobii Pro Glasses 2. Tobii or its agents are not liable for any damages or injuries to a person or their property due to connecting unintended connectors.

1.9 HDMI cable warning



The provided HDMI cable should only be used to connect the head unit with the recording unit. Do not use the HDMI cable for any other purpose or for connecting to any other devices. Only use HDMI cables provided by Tobii to connect the head unit with the recording unit. Tobii or its agents are not liable for any damages or injuries to a person or property due to wrong use of the provided cables.

1.10 Environment



The Tobii Pro Glasses 2 system is designed for use in dry indoor environments. Avoid any exposure to direct sunlight as this will affect eye tracking quality and longer



exposure can overheat the equipment. Avoid exposure to any liquids, gels, moist, rain, sweat or other damp materials or environments. Do not use the eye tracker near water, the device is not water resistant.

The device complies with IP Class 20 and has no protection against objects smaller than 5 mm. Keep the eye tracker in a clean and dust free environment. When using the equipment take adequate precautions against dust and dirt.

Do not place or use the equipment in places subject to extreme temperatures and humidity, such as on top of and or near a heating element, in a hot or damp room, or in a hot automobile in the sun. Usage temperature: 0°C to +30°C / 32°F to 86°F

1.11 Battery safety

Caution!



There is a risk of explosion if the battery is replaced by an incorrect type.



Replacement of a battery with an incorrect type can defeat safeguards (for example, in the case of some lithium battery types).



Disposal of a battery in a fire or a hot oven, or mechanically crushing or cutting of a battery can result in an explosion.



Batteries exposed to extremely high temperatures or environments can result in an explosion or leakage of flammable liquid or gas.



Batteries subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

Attention!



Risque d'explosion en cas de remplacement de la pile par une pile de type incorrect.



Le remplacement d'une PILE par une pile de type incorrect peut neutraliser un SYSTÈME DE SÉCURITÉ (par exemple dans le cas de certains types de PILES au lithium).



La mise au rebut d'une PILE dans le feu ou dans un four chaud, ou par écrasement ou découpe, peut entraîner une EXPLOSION.



L'exposition d'une PILE à un environnement présentant une température extrêmement élevée peut entraîner une EXPLOSION ou une fuite de liquide ou de gaz inflammable.



L'exposition d'une PILE à une pression d'air extrêmement faible peut entraîner une EXPLOSION ou une fuite de liquide ou de gaz inflammable.

1.12 Wireless warning



The Recording Unit contains radio transmitters and receivers (WLAN). Make sure that it is placed as far as possible from any equipment, objects or body parts sensitive to such signals.

電波法により5GHz帯は屋内使用に限ります。

1.13 Transportation



Always use the supplied carry case and packaging material to transport the eye tracking equipment and provide added protection.

1.14 Accessories



Only use accessories provided by or approved by Tobii.

1.15 Cleaning



Before cleaning any part of the Tobii Pro Glasses 2 system, unplug the power cord from the outlet and make sure the device is turned off. Both the head unit and recording unit have surface coatings that require special care. Only use the supplied microfibre cleaning cloth or similar products specially intended for cleaning screens or glass with a special coating. Avoid touching or scratching the glass and the eye tracking sensors and illuminators on the head unit and keep all the surfaces clean. Eye tracking quality may be degraded if surfaces are dusty or damaged. Some plastic parts, such as the ear pieces and the nose pads, can be cleaned with water or disinfectant applied on a piece of soft cloth. Avoid contact with any other parts such as the illuminators, sensors and all electronic components.

1.16 Disposal



Do not dispose of the device in general household or office waste. Follow local regulations for disposal of electrical and electronic equipment.

Do not dispose of the batteries in general household or office waste. Follow your local regulations for the disposal of batteries.

2 Compliance

2.1 CE Compliance



This Tobii Pro eye tracker is CE-marked, indicating compliance with applicable health and safety legal requirements set out in the European Union and EEA.

2.2 VCCI Compliance

この装置は、クラスB機器です。この装置は、住宅環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI – B

2.3 ETL compliance



Conforms to ANSI/UL Std. 60950-1 Certified to CSA Std. C22.2 No. 60950-1

2.4 Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into a wall outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio/TV technician for assistance.

2.5 Canadian Compliance Statement

CAN ICES-3(B)/NMB-3(B).

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

2.6 EU Compliance Statement

Tobii AB declares that this device is in compliance with the essential requirements and other relevant provisions of the R&TTE and EMF Directive.

2.7 Declaration of Conformity (Standards)

The Tobii Pro Glasses 2 Recording unit and its handling comply with the following standards:

- EMC Emission: EN55022:2010 Class B, FCC part 15, Class B
- EMC Immunity: EN55024:2010
- SAR EN62311:2008
- Low Voltage Directive 2006/95/EEG
- EMC Directive 2004/108/EC
- Radio and Telecommunications Terminal Equipment Directive (R&TTE) 1999/5/EC
- RoHS Directive 2002/95/EC
- RoHS2 Directive 2006/121/EC
- WEEE Directive 2002/96/EC
- Reach Directive 2006/121/EC
- China RoHS Directive
- CFR 47 (FCC) part 15, Class B
- Canadian ICES-003
- Japan TCM mark (WLAN) [Ref 4]
- Japan VCCI mark
- IEC/EN/UL60950-1:2005 (Electrical safety for global/EU/US)