

**NOTIFIED BODY OPINION**  
according to the R&TTE Directive 1999/5/EC Annex IV  
issued by Nemko Oy

*Applicant:* Quha Oy, Pirkkalaistie 1, FI-37100 NOKIA, Finland

*Manufacturer:* Quha Oy, Pirkkalaistie 1, FI-37100 NOKIA, Finland

*Description of the equipment:* Wireless mouse controller, 2.4 GHz ISM transceiver

Type: Quha Zono, Quha USB

Models: Quha

*Technical details of the equipment:* Frequency band: 2.405 – 2.475 GHz

RF output power: -6 dBm

Channel bandwidth: 1.5 MHz

Modulation type: GFSK

*Technical basis for examination:* Technical Construction File and the following test reports: 226674C (article 3.1 a), 226674B (article 3.1 b) and 226674A (article 3.2) issued by Nemko Oy.

*Scope of opinion:* Article 3.1 a): EN 60950-1 (2006) + A11 (2009) + A1 (2010) + A12 (2011)

Article 3.1 b) ETSI EN 301 489-1 (V.1.9.2, 2011-09),  
ETSI EN 301 489-3 (V1.4.1, 2002-08)

Article 3.2) ETSI EN 300 328 (V1.8.1, 2012-06)

*Conclusion of examination:* Nemko Oy is of the opinion that it is properly demonstrated that the above identified apparatus complies with the essential requirements of the directive 1999/5/EC as given in the above scope.

*Date of issue:* December 14, 2012

*Signed:*



Jyrki Leino  
Compliance Manager  
Nemko Oy, Notified Body No. 1987

This document reflects the opinion of this Notified Body. The manufacturer may or may not follow this opinion. The compliance of this product is the sole responsibility of the manufacturer or his European authorized representative. Provided it is otherwise confirmed that the product also conforms with any other applicable Directives, the manufacturer (or the European authorized representative) may prepare an EC/EEA Declaration of Conformity and affix the below shown CE-marking to each conforming product. Since this technical file has been assessed by Nemko Oy, the CE-marking shall be accompanied by the Nemko Oy Notifying Body Id number 1987, according to the provisions of Annex VII and Article 12 of the R&TTE Directive 1999/5/EC. For radio transmitters the CE-marking shall also be accompanied by an Equipment Class Identifier given in Annex VII and Article 14 of the R&TTE Directive 1999/5/EC.

**CE 1987**

## Essential requirements

**Protection requirements for health and safety - Article 3.1a****PASS**

The protection of the health and the safety of the user and any other person, including the objectives with respect to safety requirements contained in Directive 73/23/EEC, but with no voltage limit applying.

**Protection requirements for electromagnetic compatibility (EMC) - Article 3.1b****PASS**

The protection requirements with respect to electromagnetic compatibility contained in Directive 89/336/EEC.

**Effective use of the radio spectrum - Article 3.2****PASS**

Radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communication and orbital resources so as to avoid harmful interference.

**PASS** = Pass (compliant)    **FAIL** = Fail (non-compliant)    **NA** = Not applicable

**Remarks:**

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The applicant shall keep this Notified Body opinion with all the technical documentation for a period of at least ten years after the last product has been manufactured at the disposal of the relevant national authorities.