

# EU-Type Examination Certificate

## 0470-RED-180901

In compliance with Directive (EU) No 2014/53 of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment (RED), this certificate applies to the product(s)

**FM radio broadcast receiver headset**  
**Models: 3M™ Peltor™ Alert™ Headset:**  
**M2RX7A2-01, M2RX7P3E2-01**

Placed on the market under the name or trademark of  
**3M Svenska AB**  
**Malmstengatan 19, SE-331 02 Värnamo**  
**Sweden**

This certificate attests that all provisions concerning the assessment and verification of performance described in the standard(s)

**Art 3.1a: EN 62368-1:2014 + A11:2017**  
**62311:2008**  
**Art 3.1b: EN 301 489-1 V2.2.3**  
**EN 55013:2001+A1:2003+A2:2006**  
**EN 55020:2007**  
**Art 3.2: EN 303 345-1 V1.1.1**  
**EN 303 345-3 V1.1.1**

as per Annex III (Module B) for the performance set out in this certificate, are applied.

Certificate issued November 30, 2021  
Certificate was first issued February 26, 2018  
Certificate is valid until November 30, 2026

Certificate revision: 2.0

**For NEMKO (Notified Body 0470)**  
Authorized signatory: Espen Eriksen



This certificate has been granted by Nemko AS, Gaustadalleen 30, NO-0373 Oslo, Norway

This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market. Nemko is designated by the Norwegian Notified Authority as a Notified Body under the terms of the Norwegian regulations. This certificate is issued within the scope of the "Provisions for certification - Electrical products - Radio Equipment Directive 2014/53/EU" (Nemko C355), which is available on request.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Nemko for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide

## ANNEX 1 – PRODUCT SPECIFICATIONS

### PRODUCT DESCRIPTION

|                      |   |
|----------------------|---|
| Equipment type:      | <b>FM radio broadcast receiver headset</b>                          |
| Model/type:          | <b>3M™ Peltor™ Alert™ Headset: M2RX7A2-01, M2RX7P3E2-01</b>         |
| Brand/trade name:    | <b>3M™ Peltor™</b>  |
| HW / SW /FW versions | <b>HW: K267AVC &amp; K268AVC<br/>SW: N/A</b>                        |
| Supply voltage:      | <b>3V DC - Battery operated from 2 x 1.5V AA Alkaline batteries</b> |
| Rated power:         | -   |

### TECHNICAL CHARACTERISTICS

|                       |  |
|-----------------------|--|
| Transmitter type:     | <b>FM radio broadcast receiver headset</b> |
| Intended purpose:     | <b>FM receiver</b>                         |
| Frequency range:      | <b>87.5 – 108.0 MHz</b>                    |
| Transmit power:       | -  |
| Modulation type:      | <b>FM</b>                                  |
| Maximum duty cycle:   | -  |
| Number of channels:   | -  |
| Channel separation:   | -  |
| Antenna type:         | <b>¼ wave helical, omni directional</b>    |
| Maximum antenna gain: | -  |

### MANUFACTURER

|          |  |
|----------|--|
| Name:    | <b>3M Svenska AB</b>                               |
| Address: | <b>Malmstensg. 19 SE-331 02 Värnamo<br/>Sweden</b> |

### ADDITIONAL INFORMATION

None.

## ANNEX 2 - SCHEDULE OF APPROVAL

### SCOPE OF EXAMINATION

|  |          |
|--|----------|
| <input checked="" type="checkbox"/> Protection of Health and Safety, according to Article 3(1)(a).     | COMPLIES |
| <input checked="" type="checkbox"/> Electromagnetic Compatibility (EMC), according to Article 3(1)(b). | COMPLIES |
| <input checked="" type="checkbox"/> Radio Spectrum Use, according to Article 3(2).                     | COMPLIES |
| <input checked="" type="checkbox"/> Special Radio Features, according to Article 3(3)(a)-(f).          | N/A      |

### APPLICATIONS/LIMITATIONS

No limitations

### MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.  
The equipment shall carry the CE marking of the European Union.

### TYPE EXAMINATION DOCUMENTATION

| Article | Standard                            | Test report number  | Issued by               |
|---------|-------------------------------------|---|-------------------------|
| 3.1a    | EN 62368-1<br>62311                 | 328495, 356386 and 389533<br>No test report required as there is no transmitter | Nemko AS<br>-           |
| 3.1b    | EN 301 489-1<br>EN 55013 / EN 55020 | E17139.00<br>RDG10111901-1&2, R1DG120428005-01                                  | Nemko AS<br>BACL, China |
| 3.2     | EN 303 345-1, EN 303 345-3          | 1-328495-R01  | Nemko AS                |

### ADDITIONAL INFORMATION

RED technical file by 3M, dated: 2018-02-21, 2019-07-03, 2019-12-19 and 2021-10-13

#### Certificate Revision

| Revision # | Date       | Description  |
|------------|------------|--|
| 1.0        | 2018-02-26 | First issued.  |
| 1.1        | 2019-10-04 | Updated after certificate has expired. Updated versions of standards. No additional testing necessary. Added HW and SW versions. |
| 1.2        | 2020-01-23 | Updated after update of safety reports. New label material.  |
| 2.0        | 2021-11-30 | New revision of radio report. Added EN 62311.  |

<< End of certificate >>

#### Nemko Norway

Nemko AS, Gaustadalléen 30, P.O. Box 73 Blindern, 0314 Oslo, Norway  
TEL +47 22 96 03 30 FAX +47 22 96 05 50 EMAIL info@nemko.com  
ENTERPRISE NUMBER NO974404532