

[1] **EC-TYPE EXAMINATION CERTIFICATE**



[2] **Equipment or Protective System intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC**

[3] EC-Type Examination Certificate Number: **DEMKO 04 ATEX 136204X**

[4] Equipment or Protective System: **DECT handset Z-4080**

[5] Manufacturer: **KIRK Telecom A/S**

[6] Address: **Langmarksvej 34, DK-8700 Horsens, Denmark**

[7] This equipment or protective system and any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. 136204

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014: 1997 E incl. A1+A2 EN 50020: 2002 E EN 50281-1-1: 1998 E

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.


[11] This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by the certificate.

[12] The marking of the equipment or protective system shall include the following:

⊕ II 2G EEx ib IIC T3 II 3D IP64 T 60 °C

On behalf of UL International Demko A/S

Herlev, 2004-08-30


Karina Christiansen
Certification Manager

UL International Demko A/S

Lyskaer 8, P.O. Box 514
DK-2730, Herlev, Denmark
Telephone: +45 44856565
Fax: +45 44856500

Certificate: 04 ATEX 136204

This certificate may only be reproduced in its
entirety and without any change, schedule included



A Subsidiary of
**Underwriters
Laboratories Inc.®**

P1

Schedule

[13]

EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 04 ATEX 136204X

[14]

- [15] Description of Equipment or protective system
KIRK DECT Z-4080, type identification 0238 02XX, is a handset telephone to be used in DECT on site paging systems. Its built in battery can be charged with a dedicated charger outside hazardous area. A headset with microphone and speaker can be connected with a plug.

Versions:

Type identification 0238 02XX. XX can vary (numbers and letters) depending on software and handset colour. The first X describes the software and the second X the colour.

Temperature range

The ambient temperature range is 0 °C to +40 °C.

The relation between ambient temperature and the assigned temperature class is as follows:

Ambient temperature range

0 °C to +40 °C

Temperature class

T3 (2G)

T 60 °C (3D)

Electrical data

Headset output:

U_o : 4,8 V

I_o : 183 mA

P_o : 0,18 W

L_o : 900 μ H

C_o : 0,1 μ F

Installation instructions

The handset is carried/handheld and not intended to be mounted in the hazardous area.

[16]

Report No.

Project Reports No.: 136204-05, -06 (Hazardous Location Testing)

Drawings:

The Schedule drawings are listed in the document entitled "ATEX Technical Construction File ", document number 1409 53XX-ED-EX, Edition 4, dated 2004U51-07, 20 pages.

UL International Demko A/S

Lyskaer 8, P.O. Box 514
DK-2730, Herlev, Denmark
Telephone: +45 44856565
Fax: +45 44856500

Certificate: 04 ATEX 136204X

Report: 136204-05, -06

This certificate may only be reproduced in its entirety and without any change, schedule included



A Subsidiary of
**Underwriters
Laboratories Inc.®**

P 2 / 3

Schedule

EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 04 ATEX 136204X

[17] Special conditions for safe use:

- When the handset is used in hazardous area, the handset must be used with leather pouch part-number 0231 9543 if relative humidity < 60%, or when the user wears clothes that could cause electrostatic charging.
- Only battery part-number 8474 3416 may be used.
- Battery may only be charged outside the hazardous area and the handset may only be charged with dedicated charger, part-number 8464 2458.
- When an additional headset is needed, only part-number 0231 9517 is allowed.

[18] Essential Health and Safety Requirements

Concerning ESR this Schedule verifies compliance with the Ex standards only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

Additional information

The Z-4080 has in addition passed the tests for Ingress Protection to IP 64 in accordance with EN60529: 1991/A1 2001.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.

On behalf of UL International Demko A/S

Herlev, 2005-03-08

Karina Christiansen
Certification Manager

UL International Demko A/S

Lyskaer 8, P.O. Box 514
DK-2730, Herlev, Denmark
Telephone: +45 44856565
Fax: +45 44856500

Certificate: 04 ATEX 136204X
Report: 136204-05, -06

This certificate may only be reproduced in its
entirety and without any change, schedule included



A Subsidiary of
**Underwriters
Laboratories Inc.®**

P3/3