

EU-Type Examination Certificate



1. **EU-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**
3. **EU-Type Examination Certificate Number: ITS16ATEX28437 Issue 1**
4. **Product:** Voice amplification facemask (FPS-COM 5000)
5. **Manufacturer:** Savox Communications OY AB
6. **Address:** Sinikalliontie 3,
FI-02630 ESPOO,
Finland
7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificate referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

The examination and test results are recorded in confidential Intertek Reports Ref G102195211 dated February 2016 and G103339616 dated April 2018.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012+A11:2013 and EN 60079-11:2012 except in respect of those requirements referred to at item 16 of the Schedule.
10. If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Safe Use specified in the Schedule to this certificate.
11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
12. The marking of the product shall include the following:



II 1 GD Ex ia IIC T4 Ga
Ex ia IIIC T130°C Da
I M1 Ex ia I Ma
-30°C ≤ Ta ≤ +60°C

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V K Varma
Certification Officer
02 May 2018



SCHEDULE

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16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) affected by this variation have been identified and assessed in Intertek Report Ref: G103339616 dated April 2018.

17. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
*FPS-COM 5000 ASM Ex critical details (3 Sheets)	DR20205	B	21.9.2017
*FPS-COM 5000 label spec (3 Sheets)	DR10455	D	09.05.2017
Battery PCB Ex	DR10337	C	14.01.2016
FPS-COM 5000 Battery PCBA Ex (2 Sheets)	DR10338	C	21.01.2016
PCB SPECIFICATION (2 Sheets) + LAYOUT (13 Sheets)	DR10337	C	14.01.2016
*FPS-COM 5000 Main PCB Ex (4 Sheets)	SDR10395	C	12.10.2016
*FPS-COM 5000 Main PCBA Ex (3 Sheets)	DR10396	C	12.10.2016
*PCB SPECIFICATION (2 Sheets) + LAYOUT (15 Sheets)	DR10395	C	12.10.2016
*FPS5 Radio PCB Ex	SDR10442	A	10.02.2016
*FPS-COM 5000 Radio Entel PCBA Ex (4 Sheets)	DR10447	B	23.03.2016
*FPS-COM 5000 Radio Waris PCBA Ex (3 Sheets)	DR10443	B	23.03.2016
*FPS-COM 5000 Radio Jedi PCBA Ex (4 Sheets)	DR10446	B	23.03.2016
*FPS-COM 5000 Radio Universal PCBA Ex (3 Sheets)	DR10448	B	23.03.2016
*PCB SPECIFICATION (2 Sheets) + LAYOUT (17 Sheets)	DR10442	A	11.2.2016
*Conformal coating instruction for FPS COM 5000 BATTERY PCBA Ex	DR10463	B	14.09.2017
*Conformal coating instruction for FPS COM 5000 Main PCBA Ex	DR10464	B	14.09.2017
*Conformal coating instruction for FPS COM 5000 radio PCBA Ex	DR10465	B	14.9.2017
FPS Ex Cable Label	DR20215	A	16/02/2016
*FPS5 Radio MTP850FuG PCBA Ex	DR10450	B	12/12/2016
*FPS5 Radio MTP3000 PCBA Ex	DR10454	C	12/12/2016
*FPS5 Radio Kenwood PCBA Ex	DR10461	C	12/12/2016
*FPS5 Radio IWT PCBA Ex	DR10462	C	12/12/2016
*FPS-COM 5000 Control drawing	DR10457	B	13/11/2017

Note: An * is included before the title of documents that are new or revised.

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18. Details of Certificate Changes Issue 1

Intertek Project No. G103339616

This variation covers the following:

- Addition of 5 new radio cable adaptors.
- Removal of Energizer battery type.
- Correction to drawing versions used in manufacturing.

Title:	Drawing No.:	Rev. Level:	Date:
FPS-COM 5000 ASM Ex critical details (3 Sheets)	DR20205	B	21.9.2017
FPS-COM 5000 label spec (3 Sheets)	DR10455	D	09.05.2017
FPS-COM 5000 Main PCB Ex (4 Sheets)	SDR10395	C	12.10.2016
FPS-COM 5000 Main PCBA Ex (3 Sheets)	DR10396	C	12.10.2016
PCB SPECIFICATION (2 Sheets) + LAYOUT (15 Sheets)	DR10395	C	12.10.2016
FPS5 Radio PCB Ex	SDR10442	A	10.02.2016
FPS-COM 5000 Radio Entel PCBA Ex (4 Sheets)	DR10447	B	23.03.2016
FPS-COM 5000 Radio Waris PCBA Ex (3 Sheets)	DR10443	B	23.03.2016
FPS-COM 5000 Radio Jedi PCBA Ex (4 Sheets)	DR10446	B	23.03.2016
FPS-COM 5000 Radio Universal PCBA Ex (3 Sheets)	DR10448	B	23.03.2016
PCB SPECIFICATION (2 Sheets) + LAYOUT (17 Sheets)	DR10442	A	11.2.2016
Conformal coating instruction for FPS COM 5000 BATTERY PCBA Ex	DR10463	B	14.09.2017
Conformal coating instruction for FPS COM 5000 Main PCBA Ex	DR10464	B	14.09.2017
Conformal coating instruction for FPS COM 5000 radio PCBA Ex	DR10465	B	14.9.2017
FPS5 Radio MTP850FuG PCBA Ex	DR10450	B	12/12/2016
FPS5 Radio MTP3000 PCBA Ex	DR10454	C	12/12/2016
FPS5 Radio Kenwood PCBA Ex	DR10461	C	12/12/2016
FPS5 Radio IWT PCBA Ex	DR10462	C	12/12/2016
FPS-COM 5000 Control drawing	DR10457	B	13/11/2017

This Certificate is the property of Intertek Testing and Certification Ltd and is subject to Intertek Testing and Certification's Conditions for Granting Certification

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.