

# EU Type Examination Certificate

This is to certify that:

Sordin AB  
Rostugnsvägen 17  
Vikmanshyttan  
776 70  
Sweden

Holds Certificate Number:

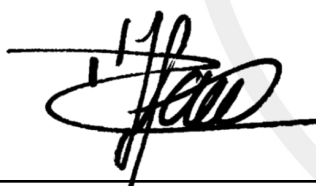
CE 747889

In respect of:

**Personal Hearing Protection to EN 352-1:2020, EN 352-3:2020, EN 352-4:2020,  
EN 352-6:2020 (Satisfying Annex II of the PPE Regulation 2016/425)**

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified  
Body for the above Regulation  
(Notified Body Number 2797):



Drs. Dave Hagenaaars, Managing Director

First Issued: 2021-10-28

Latest Issue: 2021-10-28

Effective Date: 2021-10-28

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# EU Type Examination Certificate

No. CE 747889

## Product Specification

**Model:** SORDIN Left/Right CC-1

**Product Description:** Headband mounted adjustable electronic earmuffs. The headband is made from POM, the earmuff cup is made from ABS, the ear cushions are made from foam and PE.

**Size:** Small, Medium, Large.

## Performance Data:

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.3	14.7	19.7	26.5	35.6	35.3	40.0	36.4
Standard Deviation(dB)	3.2	2.7	2.7	3.0	2.8	2.7	3.7	5.1
APV (dB)	14.1	12.0	17.0	23.5	32.8	32.6	36.3	31.3

**SNR<sub>m</sub>:** 31.2 dB

**H<sub>m</sub>:** 36.2 dB

**M<sub>m</sub>:** 28.9 dB

**L<sub>m</sub>:** 21.4 dB

**SNR<sub>s</sub>:** 2.2 dB

**H<sub>s</sub>:** 2.6 dB

**M<sub>s</sub>:** 2.2 dB

**L<sub>s</sub>:** 2.3 dB

**SNR:** 29.0 dB

**H:** 34.0 dB

**M:** 27.0 dB

**L:** 19.0 dB

**Weight:** 395g

## Technical Specification:

EN 352-1:2020 Hearing protectors - General requirements  
Part 1: Ear-Muffs.

EN 352-6:2020 Hearing protectors – Safety requirements and testing  
Part 6: Ear-muffs with safety-related audio input

Satisfying Annex II of PPE Regulation 2016/425

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# EU Type Examination Certificate

No. CE 747889

## Product Specification

**Model:** SORDIN Left/Right CC-2

**Product Description:** Helmet mounted adjustable electronic ear muffs. The attachment arms are made from PA, the ear muff cup is made from ABS, the ear cushions are made from foam and PE.

Compatible helmets: MSA V-Gard H1, Kask Zenith, Petzl Strato, 3M SecureFit X5000VE, JSP Evo Vista

**Size:** Small, Medium, Large.

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	18.1	14.8	19.8	24.9	32.5	34.6	39.4	35.6
	Standard Deviation(dB)	2.6	3.1	2.9	2.7	3.8	2.8	3.9	3.9
	APV (dB)	15.4	11.7	16.9	22.2	28.7	31.7	35.6	31.7
SNR <sub>m</sub> : 30.4 dB		H <sub>m</sub> : 35.1 dB		M <sub>m</sub> : 27.9 dB		L <sub>m</sub> : 21.3 dB			
SNR <sub>s</sub> : 2.3 dB		H <sub>s</sub> : 2.7 dB		M <sub>s</sub> : 2.3 dB		L <sub>s</sub> : 2.4 dB			
SNR: 28.0 dB		H: 32.0 dB		M: 26.0 dB		L: 19.0 dB			

**Weight:** 380g

**Technical Specification:** EN 352-3:2020 Hearing protectors - General requirements  
Part 3: Earmuffs attached to head protection and/or face protection devices.

EN 352-6:2020 Hearing protectors – Safety requirements and testing  
Part 6: Ear-muffs with safety-related audio input

Satisfying Annex II of PPE Regulation 2016/425

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# EU Type Examination Certificate

No. CE 747889

## Product Specification

**Model:** SORDIN Left/Right CO CC-1

**Product Description:** Headband mounted adjustable electronic earmuffs. The headband is made from POM, the earmuff cup is made from ABS, the ear cushions are made from foam and PE.

**Size:** Small, Medium, Large.

## Performance Data:

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.3	14.7	19.7	26.5	35.6	35.3	40.0	36.4
Standard Deviation(dB)	3.2	2.7	2.7	3.0	2.8	2.7	3.7	5.1
APV (dB)	14.1	12.0	17.0	23.5	32.8	32.6	36.3	31.3

**SNR<sub>m</sub>:** 31.2 dB

**H<sub>m</sub>:** 36.2 dB

**M<sub>m</sub>:** 28.9 dB

**L<sub>m</sub>:** 21.4 dB

**SNR<sub>s</sub>:** 2.2 dB

**H<sub>s</sub>:** 2.6 dB

**M<sub>s</sub>:** 2.2 dB

**L<sub>s</sub>:** 2.3 dB

**SNR:** 29.0 dB

**H:** 34.0 dB

**M:** 27.0 dB

**L:** 19.0 dB

**Weight:** 395g

## Technical Specification:

EN 352-1:2020 Hearing protectors - General requirements  
Part 1: Ear-Muffs.

EN 352-4:2020 Hearing protectors – Safety requirements and testing  
Part 4: Level dependent earmuffs.

EN 352-6:2020 Hearing protectors – Safety requirements and testing  
Part 6: Ear-muffs with safety-related audio input

Satisfying Annex II of PPE Regulation 2016/425

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# EU Type Examination Certificate

No. CE 747889

## Product Specification

**Model:** SORDIN Left/Right CO CC-2

**Product Description:** Helmet mounted adjustable electronic ear muffs. The attachment arms are made from PA, the ear muff cup is made from ABS, the ear cushions are made from foam and PE.

Compatible helmets: MSA V-Gard H1, Kask Zenith, Petzl Strato, Petzl Vertex  
3M SecureFit X5000VE, JSP Evo Vista

**Size:** Small, Medium, Large.

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	18.1	14.8	19.8	24.9	32.5	34.6	39.4	35.6
	Standard Deviation(dB)	2.6	3.1	2.9	2.7	3.8	2.8	3.9	3.9
	APV (dB)	15.4	11.7	16.9	22.2	28.7	31.7	35.6	31.7

**SNR<sub>m</sub>:** 30.4 dB

**H<sub>m</sub>:** 35.1 dB

**M<sub>m</sub>:** 27.9 dB

**L<sub>m</sub>:** 21.3 dB

**SNR<sub>s</sub>:** 2.3 dB

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**M<sub>s</sub>:** 2.3 dB

**L<sub>s</sub>:** 2.4 dB

**SNR:** 28.0 dB

**H:** 32.0 dB

**M:** 26.0 dB

**L:** 19.0 dB

**Weight:** 380g

## Technical Specification:

EN 352-3:2020 Hearing protectors - General requirements  
Part 3: Earmuffs attached to head protection and/or face protection devices.

EN 352-4:2020 Hearing protectors – Safety requirements and testing  
Part 4: Level dependent earmuffs.

EN 352-6:2020 Hearing protectors – Safety requirements and testing  
Part 6: Ear-muffs with safety-related audio input

Satisfying Annex II of PPE Regulation 2016/425

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# EU Type Examination Certificate

No. CE 747889

## Certificate Administration Details

Technical File Reference: SORDIN Left/Right CC-1 (Headband)  
SORDIN left/Right CC-2 (Helmet)  
SORDIN Left/Right CO CC-1 (Headband)  
SORDIN left/Right CO CC-2 (Helmet)

## Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Review Ref.
October 2021	First Issue.	2797:21:3415386

**Note:** The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

## Monitoring of manufactured PPE:

The validity of the Certificate is also dependent on the maintenance of the EC quality of production by monitoring system, Module D, as referenced on BSI Certificate CE 708855.

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