

EU Type Examination Certificate

Holds Certificate Number: CE 761417

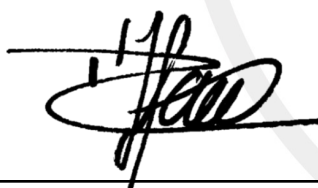
In respect of:

Personal Hearing Protection to EN 352-2:2020

Series: JY030, JY097, JY098, JY118, JY168, JY035, JY090, JY099 & JY200

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: 2022-03-23

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EU Type Examination Certificate

No. CE 761417

Product Specification

Product Range: JY030

Product Type: Hearing protectors – ear-plugs.

Models: JY030 / JY030C / JY111/ JY030M (Detectable) / JY030CM (Detectable)

Product Description: Ear-plugs – PU Foam - Uncorded and corded

Size: 6 – 12mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)		39.2	35.4	40.3	41.7	39.4	37.7	44.2	46.5
Standard Deviation(dB)		6.0	5.8	5.5	5.8	5.4	3.1	4.9	4.2
APV (dB)		33.2	29.6	34.8	35.8	33.9	34.7	39.3	42.3
SNR_m: 40.4	H_m: 39.3				M_m: 38.7		L_m: 38.4		
SNR_s: 3.0	H_s: 3.0				M_s: 3.5		L_s: 4.0		
SNR: 37.0	H: 36				M: 35		L: 34		

Technical Specification: Harmonized European Standard: EN 352-2:2020.

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EU Type Examination Certificate

No. CE 761417

Product Range: JY097

Product Type: Hearing protectors – ear-plugs.

Models: JY097 / JY097C / JY097CM (Detectable)

Product Description: Ear-plugs – PU Foam - Uncorded and corded

Size: 6 – 14mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	33.6	29.8	33.5	36.0	33.1	37.3	41.6	45.2
	Standard Deviation(dB)	4.5	3.5	3.3	4.6	4.8	3.3	4.9	4.4
	APV (dB)	29.1	26.3	30.3	31.4	28.3	34.1	36.7	40.8
	SNR_m: 37.0	H_m: 37.5		M_m: 34.3		L_m: 33.3			
	SNR_s: 3.1	H_s: 3.1		M_s: 3.5		L_s: 3.1			
	SNR: 34.0	H: 34		M: 31		L: 30			

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Product Range: JY098

Product Type: Hearing protectors – ear-plugs.

Models: JY098 / JY098C / JY098M (Detectable) / JY098CM (Detectable)

Product Description: Ear-plugs – PU Foam - Uncorded and corded

Size: 6 – 14mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)		37.8	33.8	38.1	40.6	37.2	37.8	45.7	46.8
Standard Deviation(dB)		5.6	5.4	5.8	5.8	5.4	3.4	4.6	4.4
APV (dB)		32.1	28.4	32.4	34.8	31.7	34.4	41.1	42.4
SNR _m : 39.4	H _m : 38.9				M _m : 37.3		L _m : 36.7		
SNR _s : 2.8	H _s : 2.8				M _s : 3.4		L _s : 3.8		
SNR: 37.0	H: 36				M: 34		L: 33		

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No. CE 761417

Product Range: JY118

Product Type: Hearing protectors – ear-plugs.

Models: JY118 / JY118C / JY118D (Detectable) / JY118CD (Detectable)

Product Description: Ear-plugs – Thermo-plastic rubber - Uncorded and corded

Size: 7 – 12mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)		31.5	28.5	31.5	33.2	31.7	34.5	37.4	41.8
Standard Deviation(dB)		5.5	3.9	5.4	5.4	4.5	3.9	4.9	3.3
APV (dB)		26.0	24.6	26.1	27.8	27.2	30.6	32.6	38.5
SNR_m: 34.6	H_m: 34.7				M_m: 32.2		L_m: 31.5		
SNR_s: 3.4	H_s: 3.3				M_s: 3.8		L_s: 4.2		
SNR: 31.0	H: 31				M: 28		L: 27		

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No. CE 761417

Product Range: JY168

Product Type: Hearing protectors – ear-plugs.

Models: JY168 / JY168C / JY168D (Detectable) / JY168CD (Detectable)

Product Description: Ear-plugs – Thermo-plastic rubber - Uncorded and corded

Size: 8 – 10mm

Performance Data:	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	34.5	31.8	34.8	35.7	34.3	37.2	40.1	43.3
	Standard Deviation(dB)	5.5	5.9	6.1	6.5	4.6	4.3	6.6	5.4
	APV (dB)	28.9	26.0	28.7	29.2	29.7	32.8	33.5	37.8
	SNR_m: 37.3	H_m: 37.2		M_m: 35.1		L_m: 34.5			
	SNR_s: 4.3	H_s: 4.0		M_s: 4.5		L_s: 5.2			
	SNR: 33.0	H: 33		M: 31		L: 29			

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Product Range: JY035

Product Type: Hearing protectors – ear-plugs.

Models: JY035 / JY035C / JY035M (Detectable) / JY035CM (Detectable)

Product Description: Ear-plugs – PU Foam - Uncorded and corded

Size: 5 – 11mm

Performance Data:	Frequency (Hz)	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	38.1	36.7	40.1	39.4	37.6	41.0	46.1
	Standard Deviation(dB)	4.0	5.1	4.9	3.8	2.3	3.7	3.9
	APV (dB)	34.1	31.6	35.1	35.6	35.3	37.3	42.3
	SNR _m : 40.2	H _m : 38.9		M _m : 38.8		L _m : 38.0		
	SNR _s : 2.6	H _s : 2.3		M _s : 3.0		L _s : 3.5		
	SNR: 38	H: 37		M: 36		L: 34		

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Product Range: JY090

Product Type: Hearing protectors – ear-plugs.

Models: JY090 / JY090C / JY090D (Detectable) / JY090CM (Detectable) / JY090CD (Detectable)

Product Description: Ear-plugs – Thermo-plastic rubber - Uncorded and corded

Size: 8 – 12mm

Performance Data:	Frequency (Hz)	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	33.7	30.6	33.7	32.4	35.5	39.2	45.3
	Standard Deviation(dB)	5.0	5.4	5.4	3.6	3.8	5.3	4.3
	APV (dB)	28.7	25.2	28.3	28.8	31.7	33.9	41.0
	SNR _m : 35.5	H _m : 35.8		M _m : 33		L _m : 32.1		
	SNR _s : 3.2	H _s : 3.1		M _s : 3.3		L _s : 4.2		
	SNR: 32.0	H: 33		M: 30		L: 28		

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Product Range: JY099

Product Type: Hearing protectors – ear-plugs.

Models: JY099 / JY099C / JY099M (Detectable) / JY099CM (Detectable)

Product Description: Ear-plugs – PU Foam - Uncorded and corded

Size: 6 – 12mm

Performance Data:	Frequency (Hz)	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	36.5	34.6	39.9	38.1	34.9	41.0	44.9
	Standard Deviation(dB)	5.8	5.0	5.9	4.6	3.6	4.9	5.0
	APV (dB)	30.6	29.7	33.9	33.5	31.2	36.1	39.9
	SNR _m : 38.2	H _m : 36.6		M _m : 36.9		L _m : 36.2		
	SNR _s : 3.6	H _s : 3.5		M _s : 3.8		L _s : 4.4		
	SNR: 35	H: 33		M: 33		L: 32		

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Product Range: JY200

Product Type: Hearing protectors – ear-plugs.

Models: JY200/ JY200D (Detectable)

Product Description: Ear-plugs – Thermo-plastic rubber – Headband Detectable

Size: 8 – 12mm

Performance Data:	Frequency (Hz)	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	28.9	26.7	27.5	28.1	32.3	30.6	38.9
	Standard Deviation(dB)	5.9	5.9	5.6	4.9	4.4	4.2	5.8
	APV (dB)	23.1	20.8	22.0	23.2	27.9	26.5	33.1
	SNR _m : 30.5	H _m : 31.0		M _m : 28.3		L _m : 27.3		
	SNR _s : 3.9	H _s : 3.9		M _s : 4.2		L _s : 4.5		
	SNR: 27	H: 27		M: 24		L: 23		

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Technical File Reference: Technical File JY030TF
Technical File JY097TF
Technical File JY098TF
Technical File JY118TF
Technical File JY168TF
Technical File JY035TF
Technical File JY090TF
Technical File JY099TF
Technical File JY200TF

Certificate Amendment Record:

Issue date	Comments	BSI Review No.
March 2022	First issue.	2797:22:3577434
August 2022	Addition of models, JY035, JY090, JY099 and JY200.	2797:22:3716416

Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall process 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.

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificate CE 757571.

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