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2011

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ISO 389-4:1994
Acoustics — Reference zero for the calibration of audiometric equipment — Part 4:
Reference levels for narrow-band masking noise
(IDT)



2012

27 2002 . N9 1&4- « — 1.0—2004 « », »

1 « - » (« 4 ») ,

2 358 « »

3 1 2011 . 671-

4 389-3:1994 « . 4. » (ISO 339-4:1994 «Acoustics — Reference zero for the calibration of audiometric equipment — Part 4: Reference levels for narrow-band masking noise»).

1.5 { 3.5).

5 « », — « », « ».

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389*1:1991

389*2:1994

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State system for ensuring the uniformity of measurements. Acoustics.
Reference zero for the calibration of audiometric equipment. Part 4. Reference levels for narrow-band masking noise

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389-1

389-2.

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389-1:1998

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(389-1:1998. Acoustics — Reference zero for the calibration of audiometric equipment — Part 1: Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones)

389-2:1994

2.

(389-2:1994. Acoustics — Reference zero for the calibration of audiometric equipment—Part 2: Reference equivalent threshold sound pressure levels for pure tones and insert earphones)

60318-1:2009

1.

(IEC 60318-1:2009.

Electroacoustics — Simulators of human head and ear —Part 1: Ear simulator for the measurement of supra-aural and circumaural earphones)

60318-3:1998

3.

(IEC 60318-3:1998.

Electroacoustics — Simulators of human head and ear — Part 3: Acoustic coupler for the calibration of supra-aural earphones used in audiometry)

60318-4:2010

4.

(IEC 60318-4:2010, Electroacoustics — Simulators of human head and ear —Part 4: Occluded-ear simulator for the measurement of earphones coupled to the ear by means of ear inserts)

60318-5:2006

5.

2 3

(IEC 60318-5:2006. Electroacoustics — Simulators of human head and ear — Part 5:2 cm³ coupler for the measurement of hearing aids and earphones coupled to the ear by means of ear inserts)

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389-1. 389-2,

3.1 (bone conduction):

3.2 (masking):

3.3 () (effective masking level (of noise band).

3.4 (narrow-band noise):

3.5 (pure-tone audiometer):

3.6 (noise bandwidth):

3.7 (critical bandwidth for masking):

3.8 (reference level for narrow-band masking noise):

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« » 60318-3. 60318-4. 60318-1 60318-5

3.9 (occlusion effect):

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389*1 389*2. , -

60318-1 60318*5 « », 60318-3. 60318*4.

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250	4	4
315	4	4
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500	4	6
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750	5	7
800	5	7
1000	6	7
1250	6	8
1500	6	8
1600	6	8
2000	6	8
2500	6	8
3000	6	7
3150	6	7
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6000	5	7
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1500		225
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6000		1150
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8000		1700
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389*2:1994	IDT	389-2—2011 « 2.	-
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60318*1:2009	—	«	
60318*3:1998	—	•	
60318*4:2010	—	•	
60318*5:2006	—		
* - - • IDT —			

- (1) ISO 389-3:1994. Acoustics — Reference for the calibration of audiometric equipment — Part 3: Reference equivalent threshold levels for pure tones and bone vibrators
- [2] IEC 60645-1:2001, Electroacoustics — Audiological equipment — Part 1: Pure-tone audiometers
- [3] SCHARF. B. Critical bands. Foundations of modern auditory theory (ed. Tobias. J.V.). Vol.i. Academic Press. New York. 1970
- (4) ZWICKER. E. and FELDTKELLER. R. Das Ohr als Nachrichtenempfänger. S. Hirzel Verlag. Stuttgart. 1967
- (5) ZWICKER. E. and TERHARDT. E. Analytical expressions for critical-band rate and critical bandwidth as a function of frequency. J. Acoust. Soc. Amer.. 68 (5). 1980. pp. 1523—1525

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