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BS EN 55032:2015

Incorporating corrigendum June 2016



BSI Standards Publication

Electromagnetic compatibility of multimedia equipment — Emission Requirements (CISPR 32:2015)

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This British Standard is the UK implementation of EN 55032:2015. It is identical to CISPR 32:2015, incorporating corrigendum June 2016. Together with BS EN 50561-1:2013, it supersedes BS EN 55032:2012, which will be withdrawn on 5 May 2018.

The UK participation in its preparation was entrusted by Technical Committee GEL/210, EMC - Policy committee, to Subcommittee GEL/210/11, EMC - Standards Committee.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
31 August 2016	Implementation of IEC corrigendum June 2016: Table B.1 corrected

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EUROPÄISCHE NORM

July 2015

ICS 33.100.10

Supersedes EN 55032:2012

English Version

Electromagnetic compatibility of multimedia equipment - Emission Requirements (CISPR 32:2015)

Compatibilité électromagnétique des équipements
multimédia - Exigences d'émission
(CISPR 32:2015)

Elektromagnetische Verträglichkeit von Multimediageräten
und -einrichtungen - Anforderungen an die Störaussendung
(CISPR 32:2015)

This European Standard was approved by CENELEC on 2015-05-05. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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The text of document CIS/1/498/FDIS, future edition 2 of CISPR 32, prepared by CISPR SC I "Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 55032:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-02-05
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-05-05

This document supersedes EN 55032:2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive.

For the relationship with EU Directive see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard CISPR 32:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

CISPR 13:2009	NOTE	Harmonized as EN 55013:2013 (modified).
CISPR 16 Series	NOTE	Harmonized as EN 55016 Series.
CISPR 22:2008	NOTE	Harmonized as EN 55022:2010 (modified).

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(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 16-1-1	2010	Specification for radio disturbance and immunity measuring apparatus and methods -	EN 55016-1-1	2010
+A1	2010	Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	+A1	2010
+A2	2014		+A2	2014
CISPR 16-1-2	2003	Specification for radio disturbance and immunity measuring apparatus and methods -	EN 55016-1-2	2004 ¹⁾
+A1	2004	Part 1-2: Radio disturbance and immunity measuring apparatus - Ancillary equipment	+A1	2005
+A2	2006	- Conducted disturbances	+A2	2006
CISPR 16-1-4	2010	Specification for radio disturbance and immunity measuring apparatus and methods -	EN 55016-1-4	2010
+A1	2012	Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements	+A1	2012
CISPR 16-2-1	2008	Specification for radio disturbance and immunity measuring apparatus and methods -	EN 55016-2-1	2009 ²⁾
+A1	2010	Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	+A1	2011
+A2	2013		+A2	2013
CISPR 16-2-3	2010	Specification for radio disturbance and immunity measuring apparatus and methods -	EN 55016-2-3	2010
+A1	2010	Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements	+AC	2013
+A2	2014		+A1	2010
			+A2	2014

¹⁾ Superseded by EN 55016-1-2:2014 (CISPR 16-1-2:2014): DOW = 2017-04-25.

²⁾ Superseded by EN 55016-2-1:2014 (CISPR 16-2-1:2014): DOW = 2017-04-02.

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CISPR 16-4-2	2011	Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty	EN 55016-4-2	2011
IEC 61000-4-6	2008	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	2009 ³⁾
ISO/IEC 17025	2005	General requirements for the competence of testing and calibration laboratories	-	-
ANSI C63.5	2006	American National Standard (for) Electromagnetic Compatibility - Radiated Emission Measurements in Electromagnetic Interference (EMI) Control - Calibration of Antennas (9 kHz to 40 GHz)	-	-
IEEE 802.3	-	IEEE Standard for Information technology -- Specific requirements - Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications	-	-

³⁾ Superseded by EN 61000-4-6:2014 (IEC 61000-4-6:2013): DOW = 2016-11-27.

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(informative)

Coverage of Essential Requirements of EU Directives

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers protection requirements Annex I, Article 1(a) of the EU Directive 2004/108/EC, and essential requirements of Article 3.1(b) (immunity only) of the EU Directive 1999/5/EC.

Compliance with this standard provides presumption of conformity with the specified essential requirements of the Directives concerned.

WARNING Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.

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CONTENTS

FOREWORD	8
1 Scope	10
2 Normative references	10
3 Terms, definitions and abbreviations	11
3.1 Terms and definitions.....	11
3.2 Abbreviations	16
4 Classification of equipment.....	17
5 Requirements	18
6 Measurements	18
6.1 General.....	18
6.2 Host systems and modular EUT	18
6.3 Measurement procedure	19
7 Equipment documentation	20
8 Applicability	20
9 Test report.....	21
10 Compliance with this publication	22
11 Measurement uncertainty	22
Annex A (normative) Requirements	23
A.1 General.....	23
A.2 Requirements for radiated emissions	24
A.3 Requirements for conducted emissions	28
Annex B (normative) Exercising the EUT during measurement and test signal specifications.....	33
B.1 General.....	33
B.2 Exercising of EUT ports	33
B.2.1 Audio signals	33
B.2.2 Video signals	33
B.2.3 Digital broadcast signals.....	34
B.2.4 Other signals	34
Annex C (normative) Measurement procedures, instrumentation and supporting information	38
C.1 General.....	38
C.2 Instrumentation and supporting information.....	38
C.2.1 General	38
C.2.2 Using CISPR 16 series as the basic standard	38
C.2.3 EUT cycle time and measurement dwell time	41
C.3 General measurement procedures	41
C.3.1 Overview	41
C.3.2 Prescan measurements	43
C.3.3 Formal measurements	43
C.3.4 Specifics for radiated emission measurements	43
C.3.5 Specifics for conducted emission measurements on the AC mains power ports	43
C.3.6 Specifics for conducted emission measurements on analogue/digital data ports	43