



Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

**ILNAS-EN 55032:2015**

**Electromagnetic compatibility of  
multimedia equipment - Emission  
Requirements**

Compatibilité électromagnétique des  
équipements multimédia - Exigences  
d'émission

Elektromagnetische Verträglichkeit von  
Multimediageräten und -einrichtungen -  
Anforderungen an die Störaussendung

**07/2015**



## National Foreword

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EUROPEAN STANDARD <sup>ILNAS-EN 55032:2015</sup> **EN 55032**  
NORME EUROPÉENNE  
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**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.

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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**

## Foreword

The text of document CIS/1/498/FDIS, future edition 2 of CISPR 32, prepared by CISPR SC1 "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 (dop) 2016-02-05  
implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2018-05-05  
standards conflicting with the  
document have to be withdrawn

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).

## Annex ZA (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](http://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 <sup>1)</sup>
+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 <sup>2)</sup>
+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

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 Superseded by EN 55016-1-2:2014 (CISPR 16-1-2:2014): DOW = 2017-04-25.

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 Superseded by EN 55016-2-1:2014 (CISPR 16-2-1:2014): DOW = 2017-04-02.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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 <sup>3)</sup>
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	-	-

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 Superseded by EN 61000-4-6:2014 (IEC 61000-4-6:2013): DOW = 2016-11-27.

**Annex ZZ**  
(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.



# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE  
COMITÉ INTERNATIONAL SPÉCIAL DES PERTURBATIONS RADIOÉLECTRIQUES

**Electromagnetic compatibility of multimedia equipment – Emission  
requirements**

**Compatibilité électromagnétique des équipements multimédia – Exigences  
d'émission**



## 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