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NSAI Standards

Irish Standard
I.S. EN 62002-1:2008

Mobile and portable DVB-T/H radio access - Part 1: Interface specification (IEC 62002-1:2008 (EQV) + corrigendum Jul. 2008 (EQV))

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I.S. EN 62002-1:2008

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W **NSAI.ie**

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

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I.S. EN 62002-1:2008

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 62002-1

August 2008

ICS 33.170

Supersedes EN 62002-1:2006

English version

Mobile and portable DVB-T/H radio access - Part 1: Interface specification

(IEC 62002-1:2008 + corrigendum 2008)

Accès radio DVB-T/H vers les mobiles et les portables - Partie 1: Spécification de l'interface (CEI 62002-1:2008 + corrigendum 2008)

Mobiler und tragbarer Funkzugang zu DVB-T/H - Teil 1: Festlegung der Schnittstelle (IEC 62002-1:2008 + Corrigendum 2008)

This European Standard was approved by CENELEC on 2008-06-01. 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 Central Secretariat or to any CENELEC member.

This European Standard exists in two official versions (English and 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 Central Secretariat has the same status as the official versions.

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

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Ref. No. EN 62002-1:2008 E

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Foreword

The text of document 100/1289/CDV, future edition 2 of IEC 62002-1, prepared by IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62002-1 on 2008-06-01.

This European Standard supersedes EN 62002-1:2006.

The main changes with respect to EN 62002-1:2006 are listed below.

– DVB-H has been included as a part of the main specification;

– all the performance figures have been revised as new simulation results have been made available as well as new reference receivers for DVB-H have been developed;

– DVB-H now includes all the different MPE-FEC code rates;

– new portable indoor and portable outdoor channel models have been included as well as performance figures for those;

– a new 2x TU-6 mobile SFN test channel has been included;

– a new L4 linearity pattern has been added;

– dedicated performance figures for DVB-H for S1, S2, L1 to L4 interference patterns have been included;

– a new GSM-interference measurement method has been added.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2009-03-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2011-06-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62002-1:2008 was approved by CENELEC as a European Standard without any modification.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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

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

Publication	Year	Title	EN/HD	Year
-	-	Digital cellular telecommunications system (Phase 2+) (GSM): Mobile Station (MS) conformance specification; Part 1: Conformance specification	ETSI EN 300 607-1	- [1)]
-	-	Digital Video Broadcasting (DVB): Framing structure, channel coding and modulation for digital terrestrial television	ETSI EN 300 744	2007
-	-	Digital Video Broadcasting (DVB); Transmission System for Handheld Terminals (DVB-H)	ETSI EN 302 304	2004
-	-	Radio Equipment and Systems (RES); ElectroMagnetic Compatibility (EMC) for European digital cellular telecommunications system (GSM 900 MHz and DCS 1 800 MHz); Part 1: Mobile and portable radio and ancillary equipment	ETSI ETS 300 342-1	- [1)]
-	-	Digital Video Broadcasting (DVB); Implementation guidelines for DVB terrestrial services; Transmission aspects	ETSI TR 101 190	- [1)]
IEC 60169-2	- [1)]	Radio-frequency connectors - Part 2: Coaxial unmatched connector	HD 134.2 S2	1984 [2)]
CISPR 13 (mod)	- [1)]	Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement	EN 55013	2001 [2)]
CISPR 20	- [1)]	Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement	EN 55020	2007 [2)]
ITU-R BT.1701-1	- [1)]	Charactistics of radiated signals of conventional analogue television systems	-	-

[1)] Undated reference.

[2)] Valid edition at date of issue.

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