

Descriptors: Broadcasting, sound broadcasting, data transmission, frequency modulation, message, specification

English version

**Specification of the radio data system (RDS) for
VHF/FM sound broadcasting in the frequency range
from 87,5 to 108,0 MHz**

Spécifications du système de radiodiffusion de données (RDS) pour la radio à modulation de fréquence dans la bande de 87,5 à 108,0 MHz

Spezifikation des Radio-Daten-Systems (RDS) für den VHF/FM Tonrundfunk im Frequenzbereich von 87,5 bis 108,0 MHz

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CENELEC

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

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FOREWORD

The Radio Data System RDS was developed by the European Broadcasting Union (EBU) Member countries who collaborated towards an internationally agreed standard for such a system. The Specification of the RDS System was initially published by the EBU in 1984 as doc.Tech 3244 [8] and is also the subject of ITU-R Recommendation BS.643-2.

This revised text, which is published by the European Committee for Electrotechnical Standardization (CENELEC), was prepared by the RDS Forum in close collaboration with the Technical Committee 207 of CENELEC, and in close collaboration with experts from the EBU. In addition, certain elements of text have been revised to accord with experience gained with the RDS System and changes in broadcasting practice since the Specification was published. It is, nevertheless, expected that receivers produced to accord with this Specification will be compatible with RDS broadcasts which conform with previous editions of this Specification.

Attention is drawn to the fact that there may be Intellectual Property Rights (IPR) in relation to certain provisions of this standard. The technical experts of TC 207 were unable to fully identify such claims due to the complicated legal issues involved. IPR holders should notify CENELEC of their claims.

This document was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50067 on 1998-04-01.

The following dates were fixed:

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| - latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 1998-12-01 |
| - latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 1998-12-01 |

This European Standard replaces EN 50067:1992.

This version of the specification includes several significant enhancements to the RDS features: Open Data Applications, Programme Type Name, EWS and Enhanced Paging Protocol. These are a fully backwards compatible set of additions. A receiver implemented in accordance with EN 50067: 1992 but receiving a transmission in accordance with this standard, whilst not able to respond to the enhancements, will not significantly under perform.

This standard is also drafted to facilitate a world-wide standard by working towards harmonisation with the US NRSC RBDS standard.

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