SLOVENSKI STANDARD

PSIST EN 301 439:2000

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Digitalne izboljġane brezvrviļ ne telekomunikacije (DECT) - Globalni sistem mobilnih komunikacij (GSM) - Zahteve za priključ evanje za dvozvrstno terminalsko opremo DECT/GSM

Digital Enhanced Cordless Telecommunications (DECT); Global System for Mobile communications (GSM); Attachment requirements for DECT/GSM dual-mode terminal equipment

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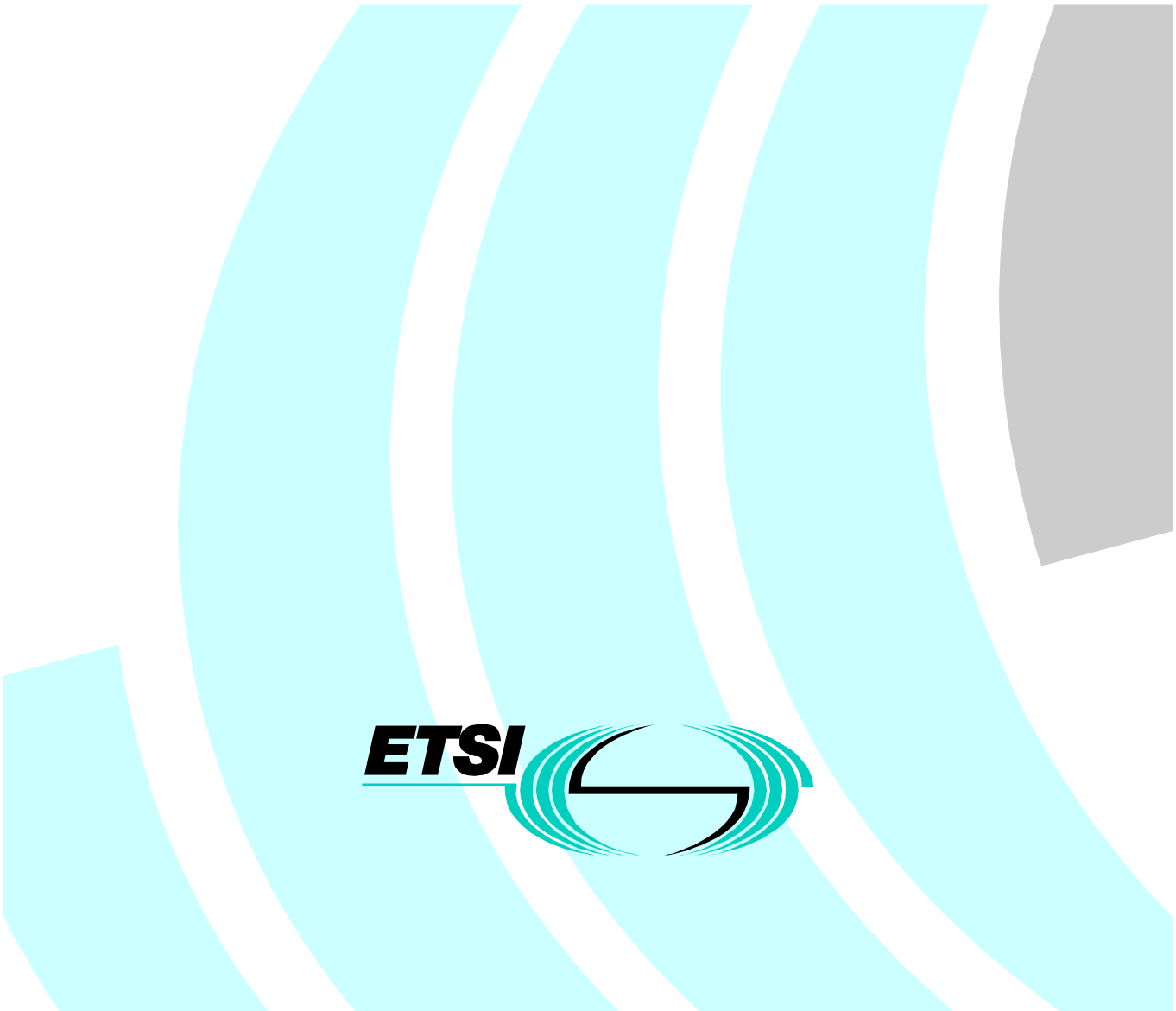
European Standard (Telecommunications series)

Digital Enhanced Cordless Telecommunications (DECT); Global System for Mobile communications (GSM); Attachment requirements for DECT/GSM dual-mode terminal equipment



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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Project Digital Enhanced Cordless Telecommunications (DECT).

The present document has been produced by ETSI in response to a mandate from the European Commission issued under Council Directive 98/34/EC (as amended) laying down a procedure for the provision of information in the field of technical standards and regulations.

The present document is intended to become a Harmonized Standard, the reference of which will be published in the Official Journal of the European Communities referencing the Directive 98/13/EC of the European Parliamant and of the Council relating to telecommunications terminal equipment and satellite earth station equipment, including the mutual recognition of their conformity ("Directive 98/13/EC").

National transposition dates	
Date of adoption of this EN:	26 February 1999
Date of latest announcement of this EN (doa):	31 May 1999
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 November 1999
Date of withdrawal of any conflicting National Standard (dow):	30 November 1999

1 Scope

The present document specifies the additional technical characteristics to be provided by terminal equipment which is capable of connection with a DECT radio access (see note 1) to a public telecommunications network (see note 2) as well as with GSM radio access to GSM Public Land Mobile Networks (PLMN).

A DECT-terminal equipment comprises two elements, referred to as a Fixed Part (FP) and a Portable Part (PP), whereas a GSM terminal equipment is comprised of a mobile station (GSM MS). The objective of the present document is to ensure dual-mode operation of handsets comprised of a DECT PP and a GSM MS (Phase 2). These parts may, or may not, be separable.

The basic CTRs for DECT shall apply. These are the general attachment requirements [CTR 6], and for telephony the requirements for telephony applications [CTR 10] and requirements for the Generic Access Profile [CTR 22]. In addition, further CTRs may apply such as the CTRs for DECT access to GSM PLMN [CTR 36] and/or DECT access to ISDN [CTR 40].

The basic CTRs for GSM shall apply. These are the attachment requirements for Global System Mobile (GSM) mobile stations; Access [CTR 19 for Phase 2 and CTR 31 for multiband operation] and the requirements for telephony [CTR 20 for Phase 2 and CTR 32 for multiband operation].

The present document specifies all necessary additions to the Harmonized Standards rendered mandatory by the applicable CTRs for DECT/GSM dual-mode handsets.

As dual-mode handsets are expected to undergo a rapid technical development, the present documents may be amended at a later stage to meet these developments.

NOTE 1: Currently there are DECT profiles for interworking with ISDN (ETS 300 434 [15] and ETS 300 822 [16], which both allow access to ISDN networks and the services therein), GSM PLMN (ETS 300 370 [1] and others, which allow access to GSM PLMN and the services therein) and Generic Access to fixed networks (EN 300 444 [3], GAP, focusing on speech services). These are all covered by corresponding Harmonized Standards/CTRs. There also exists the CTM Access Profile (EN 300 824 [14], CAP).

NOTE 2: In the cases of the present document, the air interface may also be the network access.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

[1] ETS 300 370: "Digital Enhanced Cordless Telecommunications (DECT); Global System for Mobile communications (GSM); (DECT/GSM) Interworking Profile (IWP); Access and mapping (protocol/procedure description for 3,1 kHz speech service)".

[2] EN 301 242: "Digital Enhanced Cordless Telecommunications (DECT); Global System for Mobile communications (GSM); DECT/GSM integration based on dual-mode terminals".

[3] EN 300 444: "Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP)".