

HKTA 1034
ISSUE 3
Oct 2009

PERFORMANCE SPECIFICATION
FOR DIGITAL ENHANCED CORDLESS
TELECOMMUNICATIONS (DECT) EQUIPMENT
FOR PRIVATE USE



TELECOMMUNICATIONS AUTHORITY
HONG KONG

FOREWORD

1. This specification is prescribed under section 32D of the Telecommunications Ordinance (Cap 106) (“the Ordinance”) to set out the technical and evaluation requirements for Digital Enhanced Cordless Telecommunications (DECT) equipment for private use in Hong Kong, as covered by the Telecommunications (Telecommunications Apparatus)(Exemption from Licensing) Order (“the Order”).
2. Under section 39 of the Ordinance, a person is exempted from the obligation to hold a licence under the Ordinance so long as the conditions set out in the Order are satisfied. Radiocommunications apparatus falling into the scope of this specification shall meet the requirements stipulated to fulfil the conditions of the Order.
3. At present, the Office of the Telecommunications Authority (OFTA) operates a **Hong Kong Telecommunications Equipment Evaluation and Certification (HKTEC) Scheme**. Details of the HKTEC Scheme can be found in the information note OFTA I 421. Under the Scheme, suppliers or manufacturers of the radiocommunications apparatus may apply for certification of their apparatus against this specification. The application procedures for certification of radiocommunications apparatus can be found in the information note OFTA I 401. A prescribed label may be affixed to the certified equipment. Details of the labelling arrangement can be found in the Standardisation Guide HKTA 3211.
4. In addition to this specification, radiocommunications apparatus capable of being used for connection as customer premises equipment (CPE) to the public telecommunications networks (PTNs) in Hong Kong should comply with the relevant network connection specification(s) issued by the TA. Manufacturers or suppliers may also apply for a separate certification to verify conformity of the apparatus with the relevant specification(s) before it is connected to the PTNs. Details concerning the application procedure for certification of CPE can be found in the information note OFTA I 412.
5. DECT equipment are required to operate on a “no-interference no-protection” basis, i.e. they may not cause radio interference and cannot claim protection from interference. Manufacturers or suppliers of such equipment are advised to consider the potentiality of interference due to the shared use of the frequencies.
6. The right is reserved to give separate certification to models considered to be technical variants and the performance of which may differ between models.
7. The TA may amend any part of this specification as and when he deems necessary.
8. In case of doubt about the interpretation of this specification, the methods of carrying out the test and the validity of statements made by the equipment manufacturers or suppliers about the equipment, the decision of the TA shall be final.

9. The HKTA specifications and information notes are issued by the TA. The documents can be obtained through one of the following methods :-

- downloading direct through the OFTA's Internet Home Page. The Home Page address is <http://www.ofta.gov.hk>;
- making a request for hard copies to :-

Senior Telecommunications Engineer, Standards Section
Office of the Telecommunications Authority,
29/F Wu Chung House,
213 Queen's Road East, Wanchai, Hong Kong.

10. Enquiries about this specification may be directed to :-

Senior Telecommunications Engineer, Standards Section,
Office of the Telecommunications Authority,
29/F Wu Chung House,
213 Queen's Road East, Wanchai, Hong Kong.

Fax : +852 2838 5004
Email: standards@ofta.gov.hk

AMENDMENT TABLE

Item	Issue No.	Paragraph	Descriptions
1.	Issue 2	Foreword	Add information of HKTEC Scheme and other editorial changes
2.	Issue 2	Body	Add a new Clause 2 on "Electrical Safety Requirements". Under Clause 4 on "Evaluation Requirements", the requirement of TBR 010 is deleted.
3.	Issue 3	Body	Remove reference to ETSI ETS 300 175, ETSI ETS 300 176, ETSI TBR 006. Add reference to ETSI EN 300 175, ETSI EN 300 176, ETSI EN 301 406.

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1. SCOPE OF SPECIFICATION

This specification defines the minimum performance requirements for DECT equipment for private use in Hong Kong. The requirements apply to both portable unit and base unit of the apparatus.

2. ELECTRICAL SAFETY REQUIREMENTS

The DECT equipment shall comply with the electrical safety requirements set out in HKTA 2001 "Compliance Test Specification - Safety and Electrical Protection Requirements for Subscriber Telecommunications Equipment" issued by the Telecommunications Authority (TA).

3. TECHNICAL REQUIREMENTS

The DECT equipment shall comply with the relevant parts of the following European Telecommunications Standards Institute (ETSI) specifications:-

1. **EN 300 175** : Digital Enhanced Cordless Telecommunications (DECT);Common Interface (CI)
2. **EN 300 176** : Digital Enhanced Cordless Telecommunications (DECT);Test specification

4. EVALUATION REQUIREMENTS

The DECT equipment shall be evaluated in accordance with the following standard published by ETSI.

EN 301 406 : Digital Enhanced Cordless Telecommunications (DECT);Harmonized EN for Digital Enhanced Cordless Telecommunications (DECT) covering the essential requirements under article 3.2 of the R&TTE Directive;Generic radio

5. HOW TO OBTAIN TECHNICAL INFORMATION

The technical documents issued by the ETSI can be obtained from :

The Publications Office
ETSI, 06921
Sophia Antipolis CEDEX
France
Tel : + 33 92 94 42 41
Fax : + 33 93 95 81 33

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