

Apparatus using cordless attachments (excluding cellular radio apparatus) for connection to analogue interfaces of public switched telephone networks —

**Part 3: Specification for the simple
call-routeing mode of cordless PBX
operation with analogue interfaces to
the PSTN and terminating stations
treated as an entirety**

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Telecommunications Standards Policy Committee (TCT/-) to Technical Committee TCT/2, upon which the following bodies were represented:

British Approvals Board for Telecommunications
 British Facsimile Industry Consultative Committee
 British Radio and Electronic Equipment Manufacturers' Association
 British Telecommunications plc
 Cable and Wireless plc
 Communications Marketing and Servicing Association
 Computing Services Association
 Department of Trade and Industry (Telecommunications and Posts Division)
 EEA (the Electronics and Business Equipment Association)
 Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)
 Engineering Equipment and Materials Users' Association
 Independent Broadcasting Authority
 Independent Telecommunications Suppliers' Association
 Institution of Electrical Engineers
 Kingston Communications (Hull) plc
 Mercury Communications Limited
 Mobile Radio Users' Association
 National Communications Union
 OFTEL (Office of Telecommunications)
 Telecommunication Engineering and Manufacturing Association (TEMA)
 Telecommunications Industry Association
 Telecommunications Managers' Association
 Telecommunications Users' Association (TUA)
 United Kingdom Offshore Operators' Association

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

British Gas plc
 British Micro Computer Manufacturers' Group (BMMG)
 Department of Trade and Industry (Radiocommunications Division)
 Electricity Supply Industry in England and Wales
 Society of Telecom Executives
 UK Telepoint Operators' Group

This British Standard, having been prepared under the direction of the Telecommunications Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 July 1992

© BSI 08-1999

The following BSI references relate to the work on this standard:
 Committee reference TCT/2
 Draft for comment 89/64664 DC

ISBN 0 580 19765 4

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
Section 1. General requirements	
0 Introduction	1
1 Scope	1
2 Abbreviations and definitions	1
3 General operating conditions	2
4 Compliance principles	2
5 General	2
Section 2. Electrical characteristics	
6 General	4
7 Selection of a PSTN line for the purpose of establishing an outgoing PSTN call	6
8 PSTN signalling methods	6
9 Incoming PSTN calls	6
Section 3. Radio characteristics	
10 RF link control protocols	7
11 Operating strategy	7
12 Radio receivers	7
Section 4. Marking and information to be provided by the supplier	
13 Marking	8
14 Information to be provided by the supplier	8
Figure 1 — Relationship of this part of BS 6833 to BS 6833-5 and BS 6450	11
Table 1 — Information to be provided by the supplier	9
Publication(s) referred to	Inside back cover

Foreword

This Part of BS 6833 has been prepared under the direction of the Telecommunications Standards Policy Committee. It forms one of a series of British Standards that are being produced following the commencement of liberalization in October 1981 of the supply of certain telecommunications apparatus within the United Kingdom.

This series of standards includes facility specifications giving particular requirements for individual facilities, together with standards covering general requirements for the connection of apparatus to the various public telecommunication systems (i.e. any telecommunication system designated as a public telecommunication system by an order made under Section 9 of the Telecommunications Act 1984). At the present time, these systems include the public switched telephone networks, the telex networks, the packet switching services, and leased private circuits run by British Telecommunications plc, Kingston Communications (Hull) plc and Mercury Communications Limited.

The requirements specified in the standards are intended to ensure that apparatus complying with them, when connected to public or branch telecommunication systems, will neither adversely affect any public system nor interfere with the service available to other users of public telecommunication systems. The standards include safety requirements only for the protection of personnel operating the public telecommunication system and for the protection of users from hazards that may arise from the connection of the apparatus to that system.

BS 6833 is intended to specify all the functions and facilities that require specifying for approval purposes for all variants of apparatus, using cordless attachments, submitted for approval for connection to analogue interfaces of public switched telephone networks.

It should be noted that it is a requirement of the Wireless Telegraphy Act 1949 that no radio apparatus is installed or used in the United Kingdom except under the authority granted by the Secretary of State. It is a condition of this authority that the performance of the apparatus has to meet certain minimum standards. These minimum standards are specified in Radiocommunications Agency Specification MPT 1334. Manufacturers, or their specified agents, who wish to submit equipment for type approval testing of radio aspects should apply to the Department of Trade and Industry.

This Part of BS 6833 is presented for designation under the Telecommunications Act 1984.

It is stipulated in the Telecommunications Act 1984 that apparatus within the scope of a designated standard may only be approved for connection to a telecommunication system if it complies with that standard. Exceptions may be determined by or under the designation, which may stipulate variations of, or additions to, the requirements of the standard and may also set conditions that have to be complied with as regards the apparatus, or its connection, or its use.

A copy of any designation will be included when available with all copies of this British Standard. Any further information on, or details of, the designation may be obtained from the Office of Telecommunications (OFTEL), Export House, 50 Ludgate Hill, London EC4M 7JJ.

Some apparatus may incorporate facilities for which a mandatory standard is necessary, but for which no standard has yet been designated for approval purposes under the Telecommunications Act 1984. Other apparatus may incorporate innovative features not foreseen when the relevant standard was written and designated and for which that standard is not fully appropriate. The British Approvals Board for Telecommunications (BABT) can sometimes deal with these cases by writing a “Special investigation test schedule” (SITS), which has the effect of stating requirements where there is no designated standard or of supplementing or varying the requirements in the application of the designated standard. Information on any relevant SITS may be obtained from the Director, BABT, Claremont House, 34 Molesey Road, Hersham, Walton-on-Thames, Surrey KT12 4RQ.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations. In particular, attention is drawn to the Telecommunications Act 1984.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

