



Customer Interface Publication: KCOM (Hull) CIP018

Technical Characteristics of the Telex Interface

Issue: 1.2

April 2016

The information in this document is provided in accordance with the requirements of the Radio Equipment and Telecommunications Terminal Equipment Regulations 2000 (Statutory Instrument 2000 No. 730) to publish (in accordance with the EC Radio and Telecommunications Terminal Equipment Directive 99/05/EC) technical characteristics of interfaces to the public fixed telephone network.

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Note : this document replaces the publication KCL CIP014 on the same subject.

1. Scope

This document specifies the technical characteristics of the Telex line interfaces operated by KCOM Group PLC delivered to a customer at the Network Terminating Point (NTP). The service provides a 50 baud full duplex connection to the Public Switched Telex Network.

Much of the information contained in this document has been published previously in various documents such as BSI standards and BT Supplier Information Notes (SINs).

Changes to the network that affect the correct working of approved terminal equipment will be published by KCOM Group PLC in various documents made available from the address below. If the changes impact on this document then it will be updated.

Enquiries relating to the technical content of this document and the availability of other publications should be directed to:

- KCOM Group PLC Regulatory Affairs
37 Carr Lane,
Kingston Upon Hull
HU1 3RE
- Telephone: 01482 602100
- E-mail: regulatory@kcom.com

2. General

The technical characteristics of the KCOM Group PLC Telex interface are the same as the BT Telex Interface as described in BT SIN 331 [1] with the following exception:

BT SIN 331 clause 5.1.2 Insulation Displacement Connectors

Where the interface is terminated on insulation displacement connectors they will support the connection of copper conductors having diameter between 0.35 mm and 0.65 mm.

3. Safety & EMC Information

3.1 Safety

The normal working voltages of the Telex interface are defined in clause 5.2.1 of BT SIN 331 [1]. The interface presented to the customer is classified as exposed as defined in CENELEC Report/ETSI Guide ROBT-002/EG 201 212 [2].

3.2 EMC

The network equipment and network terminating equipment related to the provision of the interface comply with the current EMC regulations.

Whilst predominantly installed in commercial and light industrial environments, this does not preclude the interface being installed in other environments e.g. residential, industrial. This should be taken into account by the terminal equipment manufacturer when determining the limits of compliance relevant to their equipment in relation to the protection requirements of the EMC directive

4. Terminal Equipment Specifications

The minimum recommended terminal equipment performance specification is BS7362 [3].

The minimum recommended terminal equipment EMC specifications are listed in the Official Journal of the European Communities for use under the Electromagnetic Compatibility Directive (89/336). The lists are updated regularly and the terminal manufacturer is recommended to comply with the listed standards applicable to their equipment and the target electromagnetic environment.

The minimum recommended terminal equipment electrical safety specifications are listed in the Official Journal of the European Communities for use under the Low Voltage Directive (73/23/EEC). The lists are updated regularly and the terminal manufacturer is recommended to comply with the listed standards applicable to their equipment.

5. Glossary

BSI	British Standards Institute
BT	British Telecommunications plc
EC	European Community
EMC	Electromagnetic Compatibility
NTE	Network Termination Equipment
NTP	Network Terminating Point
NTTA	Network Terminating and Test
SIN	Supplier Information Note
TE	Terminal equipment

6. References

Ref	Standard	Title	Date
[1]	BT SIN 331 Issue 1.0	British Telecommunications plc – BT 50 baud Telex Service : Technical Characteristics of the Interface	1999
[2]	R0BT-002/EG 201 212 V.1.2.1 (1998-11)	Electrical Safety ; Classification of interfaces for equipment to be connected to telecommunications networks	1998
[3]	BS 7362	Telex Terminal Apparatus for Connection to Public Telecommunications Operators Telex Networks.	1990

The above documents may be obtained from:

- British Standards Institution
Customer Services
Sales Department
389 Chiswick High Road
London
W4 4AL
- Telephone : 0208 996 9001
- Facsimile : 0209 996 7001

BT SINS can be obtained from the following URL: <http://www1.btwebworld.com/sinet/>

7. History

Date	Issue	Comments	Author
		Precursor document Technical Characteristics of the Telex interface [Issue 1.0 May 2000] KCL CIP014	M.Budd
December 2003	Issue 1.0	Kingston Communications (HULL) PLC publication to replace the above	M.D. Crowther
August 2007	Issue 1.1	KCOM Group PLC publication to replace the above and change to contact information.	M.D. Crowther
April 2016	Issue 1.2	KC name change to KCOM and formatting changes	Amanda Woodard