BT Versatility...the facts

Type of system

Hybrid/PBX

ISDN 2 line

Max 4 ISDN (2B+D) Basic Rate lines

Analogue lines

Max 8 Loop calling Guarded clear analogue lines

Terminals

Max 33 V standard terminal

Max 32 V 8 – 8 key Featurephone

Max 32 V 16 – 16 key Featurephone

Max 8 V 16 expansion console – additional 32 programmable keys

Or approved apparatus

Extension capacity

33 (32 + External extension)

Featurephone capacity

32

Standard 2-wire apparatus capacity

33 (32 + external extension)

Extension loop resistance

100 ohms (0.7 km) 4-wire Featurephones

200 ohms (1.4km) Standard Telephone

336 ohms (2 km) extension 52 only supplied on the Options Module

System REN

40

Extension REN

2 *(see above for system max.)*

Central bell

Separate port. In the Options module

Central Bell REN

2 *(see above for system max.)*

Extension cabling

Standard 4 wire

Twisted pair 0.5 mm^2 cu

Central control unit (CCU) 008

HxWxD: 390mm x 295mm x 160mm *Weight:* 3.5 kg

Maximum capacity system 8+32 CCU

HxWxD: 390mm x 595mm x 160mm *Weight:* 6.1 kg

Battery

12 V/7.2 AH

Mains supply voltage

230 ± 10% V 50 Hz

Maximum power consumption

120 watts

Standard 2-wire telephone signalling

DTMF

Standard 2-wire telephone recall signal

Timed break

Serial Port

8 bit, no parity, 1 stop bit speed programmable 115k2

Voice Mail Capacities

2 Port: 2 hours messaging capacity supporting 33 mailboxes, 10 Phantom Voice Boxes, 20 Group Boxes

4 Port: 4 hours messaging capacity supporting 33 mailboxes, 10 Phantom Voice Boxes, 20 Group Boxes

Maximum message length is default at 1 minutes but is programmable up to 3 minutes

Music on hold

External calls only

External Music On Hold

Tone on hold

200 ms on 200 ms off, 200 ms on 3.4 s off

External Music on hold – options module is required

Stereo 3.5mm jack connector

Input impedance 10k ohm

Nominal 775 mV RMS

External Paging Port

Output Level 25 - 32mA

Impedance 600 ohm

System speed dials

Max. 500

Extension current and voltage feed

Voice: 40 volts 25 mA constant current

Data: 40 volts 10 mA constant current

Dial tone duration

10 s

Programming

Featurephone (default extension 20) or
PC Wizard through serial port

Remote access

On ISDN or Analogue Lines. (Built in V32bis modem)

Ringing voltage/frequency

± 40 V 25Hz (trapezoid)

Ringing cadences

Incoming call: 400 ms on 200 ms off, 400 ms on 2.0 s off

Internal call: 1 s on 2 s off

Door intercom call: 400 ms on 2.6 sec off

Call recalling: 1s on 400 ms off, 400 ms on 1.2 s off

Tone frequencies

440 Hz ±5 Hz, unless stated otherwise

Tone cadences

Dial Tone: Continuous tone of 440 Hz ±5% and 350 Hz ±5% combined

Special dial tone: 800 ms on 800ms off of 440 Hz ±5% and 350 Hz ±5% combined

Ringback tone: 1 sec on 2 sec off

Busy tone: 500 ms on 500 ms off

Congestion tone: 200 ms on 200 ms off

Hold tone: 200 ms on 200 ms off, 200 ms on 3.4 s off

Conference tone: One burst of 400 ms

NU tone: Continuous tone

Call waiting tone: 100 ms on 4.9 s off

Environmental requirements

Normal working temperature: 0*C to 40*C

Working humidity (non-condensing): 5% to 95%

Storage temperature: -40*C to +85*C

Storage humidity: 5% to 95% @60*C

Doorstrike relay contact

Max rating: 24 Volts DC, 2 Amps

Safety and protection

EN55022, EN55024, EN60950

Door Intercom Size

Height: 203 mm *Width:* 703 mm *Depth:* 38 mm

Colour of System

Charcoal: ref: Pantone 432C

Router Info

LAN: 4 x 10/100 Base-Tx ports

ADSL: 10 Base-T output for an external ADSL modem

ISDN: Access to B-channels on PABX PPP, MLPPP, BACP

Protocols: IP V4

Authentication: PAP/CHAP

DHCP: DHCP server supports up to 100 IP addresses

Routing: Static routing

Firewall: NAT, Packet filtering

Call management: Idle timers, Time of day restriction

Management: Local management, Remote management, Installation Wizard

Hotel Facilities

Optional software

Check in / Check out

Call billing

Programmable call charges

Room Status

Guest / Administration extensions

Message waiting

Alarm Calls

Helpdesk

Full remote support from a BT Maintenance Centre

Remote Diagnostics

Remote Programming

Automatic fault reporting can be provided

To find out more about BT Versatility speak to your BT account manager or call BT Business Information Systems on *Free*fone 0800 *389 4848*
or visit our web site at *www.bt.com/bis/btversatility*

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Connections that get results.

PHME 42024/09/02