DUOTEL

TWO PORT TELEPHONE EXCHANGE SIMULATOR

- **Two ports**

- **Unique number for each port**

- **Line looped indication for each port**

- **Tone dialling**

- **Produces dial, busy and ring tones**

- **Mains powered on indication**

Duotel is a two port exchange simulator, which allows calls to be established between the two ports. Each port has its own unique number which can be dialled from the other port to produce a ring signal.

Duotel provides a cost effective and simple means of testing products that connect to a telephone line, without the need to tie up any PBX extensions or external lines. The compact design of Duotel makes it convenient to transport and is ideal for demonstrations and sales presentations.

FEATURES

EASY TO USE
Duotel is simple to use making it ideal for demonstrations and sales presentations. Simply plug the telecom apparatus into the ports and dial the port number to make the call.

COMPACT DESIGN
Duotel is the size of a hardback book and fits easily into a briefcase or toolbox. This means that it can always be available when required.

DUAL DIAL TONES
In the UK when some Network Services are in use, a different dial tone is used to warn the user. Port 1 of the Duotel features the standard dial tone and Port 2 features the second dial tone. This is useful for testing auto-diallers.

MULTIPLE RING CADENCES
Increasingly, network operators are using different ring cadences for new supplementary services. BT's Callsign™ is an example, where a user can have two numbers on one line. Duotel provides the different ring cadences to enable quick testing of telecom products to see if they respond to this.

MULTIPLE SOCKETS
Duotel is supplied with BT to RJ socket converters. This means that different telecom apparatus can be easily plugged in for testing without having to make special cables etc.

SPECIFICATION

FEED CONDITIONS
DC VOLTAGE	24 V

RINGING
VOLTAGE	70 V rms
FREQUENCY	25 Hz
CADENCE #1	400 mS ON, 200 mS OFF, 400 mS ON, 2000 mS OFF
CADENCE #2	1000 mS ON, 2000 mS OFF
CADENCE #3	250 mS ON, 250 mS OFF, 250 mS ON, 250 mS OFF, 250 mS ON, 1750 mS OFF
CADENCE #4	400 mS ON, 800 mS OFF
CADENCE #5	2000 mS ON, 4000 mS OFF

EXCHANGE TONES
FREQUENCY	400 Hz
LEVEL	-25 dBm ± 4 dB

DIAL TONE
TYPE 1	CONTINUOUS
TYPE 2	750 mS ON, 750 mS OFF

BUSY CADENCE
375 mS ON, 375 mS OFF

ATTENUATION
10 dB Port to Port

TONE DIALLING
TIME	> 60 mS
ACCEPT FREQUENCY	± 1.5%
REJECT FREQUENCY	± 3.5%

TOLERANCE
unless otherwise specified
FREQUENCY	± 10%
TIMING	± 10%
VOLTAGE	± 10%
LEVEL	± 3 dB

POWER
MAINS	230 V, 50 Hz, 50 mA

DIMENSIONS
HEIGHT	50 mm
WIDTH	170 mm
DEPTH	120 mm
WEIGHT	650 g

T E L E P R O D U C T S

SERVING THE TELECOMMUNICATIONS INDUSTRY