

DUOTEL PLUS

TWO PORT TELEPHONE EXCHANGE SIMULATOR



- Two ports
- Unique number for each port
- Numbers can be reprogrammed by user
- Line looped indication for each port
- 'Hot dial' feature. Second port rings as soon as the telephone on the first port is picked up
- Tone dialling
- Produces dial, busy and ring tones
- Mains powered on indication

Duotel Plus 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 Plus 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 Plus makes it convenient to transport and is ideal for demonstrations and sales presentations.

FEATURES

EASY TO USE

Duotel Plus 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 Plus 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 Plus features the standard dial tone and Port 2 features the second dial tone. This is useful for testing auto-diallers.

REPROGRAMMABLE PORT NUMBERS

The two ports are numbered 1 and 2, as supplied. These can be reprogrammed to be any number
eg Port 1 can be 01904 794200
and Port 2 can be 01904 792211

'HOT DIAL' FEATURE

Known as "Ring Down" in the US. Useful for a quick test. As soon as the device on Port 1 is picked up or goes on line, Port 2 starts to ring. No need to dial any digits.

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 Plus provides the different ring cadences to enable quick testing of telecom products to see if they respond to this.

MULTIPLE SOCKETS

Duotel Plus 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, 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

STONE 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

TELE PRODUCTS

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