

**Trojan
Telecom**



**1st Floor
Amphenol Complex
Thanet Way
Whitstable
Kent
CT5 3JF
ENGLAND**

**Tel: (+44) (0)1227 275357 Fax: (+44) (0)1227 272932
e-mail: info@trojantel.com**

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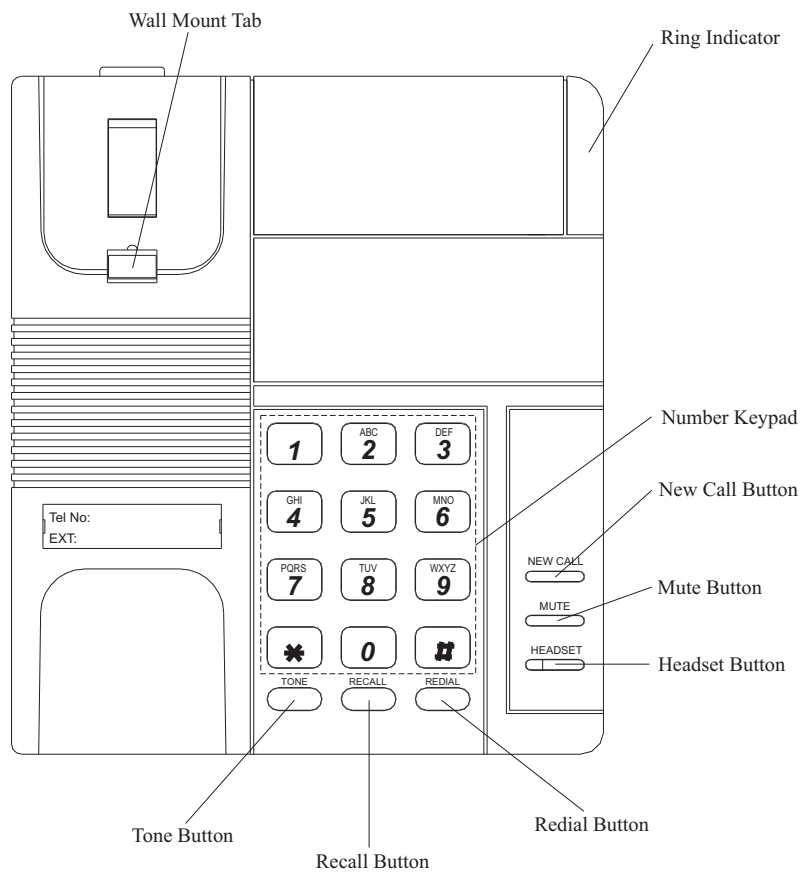
NRX



NRX 1
USER GUIDE

www.nrx-telecom.com

The layout of your NRX 1



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Installation & Operation

1. INSTALLATION

Connect one end of the coil cord to the handset and the other end to the socket at the left of the base unit. Replace the handset to the cradle.

Connect the small plug of the telephone line cord to the socket at the back of the unit and the other plug to the telephone socket at the wall.

NOTE: If the RJ-11 to RJ-11 line cord is used, please ensure that the Blue plug is connected to the wall socket.

After connecting the telephone to the line socket, the handset should be lifted to check dial tone is being received. If the handset is not lifted, the telephone will take about 15 seconds to power up during which time any incoming calls will not ring the unit.

2. OPERATION

2.1 Dialling

Lift the handset and dial the number. The telephone is pre-set at tone mode.

To terminate a phone call, simply replace the handset.

 NEW CALL

If you want to terminate a call and make another call immediately, you may press the NEW CALL key once. The unit will terminate a call and let you dial the number for another call.

2.2 Tone or Pulse Option

To find out whether you are on a digital exchange that accepts tone dialling, locate the switch market TONE/PULSE inside the battery compartment of the unit. First try dialling out with the switch in the TONE position. If this is unsuccessful, switch back to the PULSE position.

2.3 Mixed Mode dialling (how to switch from pulse to tone in mid-call)

Even if your local exchange only allows pulse dialling, there may still be occasions when you need tone dialling. For instance, when you call into a bank's computer system, you may be asked to enter number codes. You can only do this if your telephone

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Operation

sends out tones when you press the keypad.

The TONE button helps you make change over from pulse to tone dialling in the middle of a call.

 TONE

What you do: Pulse-dial the telephone numbers you require. When you are connected, press the "TONE" button

What you do: Dial the rest of the sequence you require.

What you hear: Each number you dial emits a tone.

When the handset is replaced, the unit goes back to pulse dialling.

2.4 Headset Facility

 HEADSET

Connect the headset plug into the headset socket located at the rear of unit.

To make or receive a call press the headset button once, the headset LED will be lit. To end the conversation, press the headset button again.

2.5 Other Network Services

The NRX 1 is fully compatible with many telephone network services, which provides a number of useful additional facilities, including three way calling, call diversion, call waiting etc. If you are connected to one of the digital exchanges, you can access these services via the RECALL button on the keypad. For further details, please contact your local PTT Sales Office.

2.6 Message Waiting

The NRX 1 has built in message waiting indicators that are compatible with most types of PABX with such a facility. By correct setting of switch SW.3 housed in the compartment on the base bottom, the telephone can be set to detect a number of message waiting signals.

Message Waiting Signal	Switch SW.3	SettingIndicator
Polarity Normal	1	LED on
Polarity Reversed	2	LED on
90V or above DC or AC	Off (default)	NEON

The telephone is supplied set to the default setting.

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2.7 Last Number Redial

If you dial a number and find it is engaged or there is no reply, replace the handset. The number will be retained in the memory until you dial a different number. To redial the last number automatically.

NEW CALL

What you do: Lift the handset or press the 'NEW CALL' key

REDIAL

Press the "REDIAL" button

2.8 Adjustable Ringing Volume

On the right of the unit is a switch, this adjusts the ringing volume of incoming calls. From left to right it has three positions: low, medium, high. Move the switch to the position you require. In addition to the ringing tone there is a **Ring Indicator Lamp** on the unit that will flash when the telephone is ringing as a visual indication. The Ringer Switch does not control this Ring Indicator Lamp.

MUTE

#

DEF
3

MUTE

2.9 Adjustable Ringing Tone Pitch

The ringer tone ringer melody repetition rate can be adjusted in off hook condition, as follows: -

Pitch	Setting Code
1	'Mute' + '#' + '3' + 'Mute'
2	'Mute' + '#' + '6' + 'Mute'
3	'Mute' + '#' + '9' + 'Mute'

2.10 Privacy (Muting the Microphone during Conversation)

During a telephone conversation, you may switch off the microphone in the handset by pressing the Mute button on the telephone base. The mute LED will be flashing to indicate that the microphone is muted and the other party, on the other end of the telephone line is not able to hear your conversation. Press the Mute button again to release the Mute function and the LED will be off.

Alternatively, you may also press the Mute button on the handset. As long as the handset Mute button is pressed, the microphone mute function is activated. Releasing the handset Mute button will re-enable the microphone for conversation.

MUTE

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2.11 Impedance Matching

The Impedance Matching switch inside the battery compartment allows the NRX 1 to be connected to different types of PABXs. There are 3 positions in this switch for selecting the matching impedance with the PABX. The default setting is compatible to the BT's PSTN network, for matching other PABXs, make a phone call and slide the switch at different locations and find the position where the sound on the receiver is at best quality.

2.12 Receiver Volume

It is possible to adjust the volume of the receiver by means of the slide volume at the right side of the base cabinet.

2.13 Modem/Data Connection Socket

The NRX 1 has an addition socket marked MODEM, which allows the user to connect an extra telephone, modem or fax machine to the telephone line. This socket is at the back panel of the base cabinet and has a removable plastic cover.

Only equipment complying with EN 60950 and intended for connection to the telephone network should be connected to this port marked MODEM.

2.14 Hear-aid compatibility

The handset receiver is hearing aid compatible.

3. WALL-MOUNTING THE UNIT

The NRX 1 can be wall mounted using the wall mount bracket installed on the bottom of the unit.

Dismount the wall mount bracket from the unit.

- Placing the wall mount bracket on the required position on the wall
- Drill two holes on the wall according to the distance as marked by two mounting holes.
- Install the two screws supplied with the unit in the wall.

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- Re-install the wall mount bracket to the bottom cabinet for the wall mount position.
- Position the wall mount slots on the bracket of the unit over the two screws on the wall. Pull down and lock into place.
- Beneath the earpiece section of the cradle you will find a small tab. Pull this up to form the hook for the handset.
- When you are on the telephone, you sometimes need to put the handset down for a moment. There is a special hook at the back (top) of the unit so that you can hang the handset on the unit, when it is wall-mounted, without terminating the call.

4. APPROVED USE

The NRX 1 can be connected to the Public Switched Telephone Network (PSTN) and compatible to PABX's but not connected in the following manner: -

1. As an extension to a payphone.
2. On shared service line or 1+1 carrier system.

Network Compatibility

The NRX 1 has been approved pursuant to Commission Decision 1999/303/EC for pan-European connection to the public switched telephone

network (PSTN). However, due to differences between the individual PSTNs provided for in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

In the event of problems you should contact your equipment supplier in the first instance.

The NRX 1 is designed to interwork with the following networks

Austria	✓	Germany	✓	Liechtenstein	✓	Spain	✓
Belgium	✓	Greece	✓	Luxembourg	✓	Sweden	✓
Denmark	✓	Iceland	✓	The Netherlands	✓	Switzerland	✓
Finland	✓	Ireland	✓	Norway	✓	UK	✓
France	✓	Italy	✓	Portugal	✓		

This product may have interworking problems with the following networks.

Austria		Germany		Liechtenstein		Spain	
Belgium		Greece		Luxembourg		Sweden	
Denmark		Iceland		The Netherlands		Switzerland	
Finland		Ireland		Norway		UK	
France		Italy		Portugal			

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5. CE APPROVED

This unit has been EMC tested and meets the requirements with respect to EN50081-1 emissions and EN50082-1 immunity.

6. THE NUMBER OF TELEPHONES THAT MAY BE CONNECTED

If you connect too many telephones to your line they may not ring correctly. To determine the number of telephones that can be satisfactorily connected to your line, add together the ringer equivalent numbers (RENs) of all the equipment you wish to connect. If this number exceeds four, your telephones may not ring. Your NRX 1 telephone has an REN of one (1). BT telephones have an REN of one unless otherwise marked.

7. WARRANTY

Trojan Telecom have built the NRX 1 telephone to a high standard. Our warranty reflects our belief that during its working life you should not experience any mechanical failures.

However, on the rare occasion a breakdown occurs, the NRX telephone is covered by a two year warranty.

Trojan Telecom will at all times use a sensible and supportive attitude towards warrantable returns, working with you in identifying 'no fault found'.

The following terms and conditions apply:

- 1) Where we find a genuine warranty failure, Trojan Telecom will replace the faulty instrument with a one-for-one replacement.
- 2) It is the responsibility of the user to return the faulty telephone to Trojan Telecom. We ask you to cover this cost and we will return your replacement telephone at our expense.
- 3) We reserve the right to repair the faulty item or replace it with a similar telephone of the same make.

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Warranty

4) Discontinued models under warranty will be replaced with a similar or more featured telephone.

5) We reserve the right to charge for items considered to be chargeable under fair wear and tear.

6) User misuse or any modification carried out to the Ulysses telephone by the customer is not considered a manufacturing fault or component defect. Therefore it is not covered by the warranty.

7) Accidental damage such as liquid spillage or user damage will not be covered under the terms of the warranty.

8) When returning the telephone please ensure you fully complete the returns authorisation form, failure to do so could cause you unnecessary delay.

The terms of this warranty do not effect your statutory rights.

Warranty applies to UK customers only

Faulty units should be returned to our service centre at the following address, together with the completed return form on the opposite page.

SERVISCOMM
UNIT 2
RED BARNES WAY
McMullen Road
Darlington
DL1 2RR
UK

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Warranty

Returns Authorisation Form

Customer Details

Address: Tel No: Returns Auth No:

..... Fax No:

..... Account No:

Date of Purchase	Model No	Details of Fault

Trojan Telecom's full liability will extend to the cost of repair or complete replacement of the returned item only.

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