

NOKIA 32



The Nokia 32 PBX Connectivity terminal at a glance

Features

- Dual band EGSM900/1800
- RJ11 for PBX trunk and analog telephone connections
- RJ11 for PBX extension connection
- RS232 data over D9 connector
- GPRS multi-slot Class 6 (3+1, 2+2, 2+1) (mobile station class Class B)
- CSD Up to 14.4 kbps
- HSCSD multi-slot class Class 6 (3+1, 2+2, 2+1), up to 43,2 kbps
- Short Message Service (SMS) (MO, MT)
- GSM Supplementary services Phase 2/2+

Technical data

- Size: 121 x 158 x 45 mm
- Weight: 239 g
- Operating temperature: -10°C...+55°C
- Storage temperature: -40°C...+85°C
- Humidity range, operation: 20-75%
- Humidity range, storage: 5-95%
- Input voltage: Absolute min. 6.2 V, absolute max. 14.0 V
- Small size SIM cards supported
- RF Power: 2W/1W (900/1800 Mhz)

Telephone/PBX trunk interface

- Line voltage high impedance mode: 50 V
- Line impedance: 600 Ohm

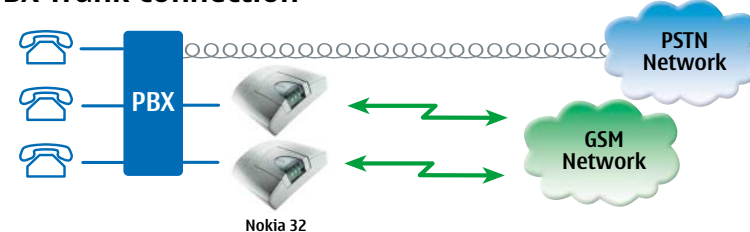
Extension interface

- Off-hook AC impedance: 600 Ohm
- Loop DC current: 15-120 mA

Power supply ACW-5

- Voltage: 13.5 V
- DC current: 750 mA
- Operating range: 90-264 Vac
- Frequency range: 47-63 Hz
- Weight: 70 g + cables
- Volume: <110 cm³

PBX Trunk Connection



PBX Extension Connection



Accessories

- Nokia 32 Configurator software
- External antenna adapter XRM-1
- Backup battery BBW-6

Antenna

The Nokia 32 terminal has an integrated antenna. The use of an external antenna is supported with the XRM-1 antenna adapter.

RS-232

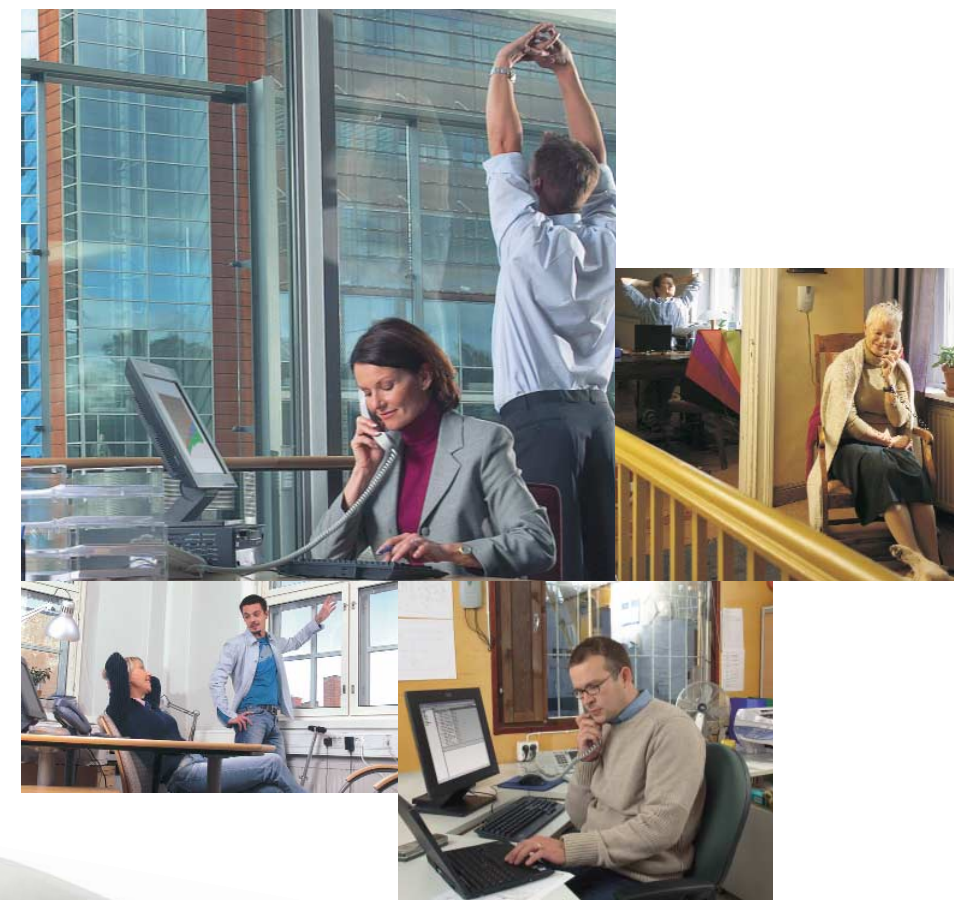
A D9 female connector for standard level RS-232 is available. It supports AT commands (ITU-T V. 25ter, ETS GSM 07.07, ETS GSM 07.05).

Nokia operates a policy of continuous development. Nokia reserves the right to make changes and improvements to products without prior notice. The availability of particular products and services may vary by region. Please check with the Nokia dealer nearest you. Operations and some features are SIM card and/or network dependent. Please check the availability of GPRS, HSCSD and other services with your network operator and/or service provider. Consult the product's installation guide and product note for more information. When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

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CONNECTING PEOPLE

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NOKIA 32



From fixed to freedom

NOKIA
CONNECTING PEOPLE

NOKIA 32

The gateway between GSM and landlines

An effective way to reduce phone call costs

PBX connectivity, both trunk and extension connection

PC connectivity with GPRS and HSCSD data transmission

Ideal also for temporary telephone line needs

Fast installation as a fixed line substitute in offices and homes



Add the mobile dimension

The Nokia 32 terminal is a GSM terminal with a PBX application module, enabling easy and fast implementation of versatile communication applications. It can be connected to a private branch exchange

(PBX) or a landline telephone to transform voice calls via the GSM network. Connected to a PC it operates as wireless modem supporting GPRS and HSCSD data bearers. Easy to install, configure and maintain, the

Nokia 32 terminal delivers a dependable and cost-effective connection between people in the office or home and people on the move.



Size 1:1

Transform your landlines. Transform your costs.

Are your desk-to-mobile call costs going sky high? When connected to a PBX, the Nokia 32 terminal can route incoming and outgoing calls via the mobile telephone network, thus providing a cost effective alternative for fixed-to-mobile or mobile-to-fixed telephone calls. With the Nokia 32 PBX connectivity terminal, you can bypass the landline network and make calls from desk phones over the GSM network. Not only do you save in landline-to-GSM charges but you can also enable your employees to enjoy the mobility and freedom of GSM in a PBX environment.

The Nokia 32 terminal connects simply and directly to an analog trunk or extension of your compatible PBX. This in turn can be programmed to automatically route the calls made from a landline telephone to a mobile number via the Nokia 32 terminal. Depending on the connection method and configuration of the PBX, the user also can manually select the line where Nokia 32 terminal is connected.

Open up your mobile office

The compact, stylish and lightweight Nokia 32 terminal adapts well to different premises and usage environments and is easy to move around. It is therefore ideally

suited for temporary locations such as construction sites and mobile offices.

Not only can you make calls to mobile phones and receive them too but you can also make conference calls and forward calls. What's more, you can browse the Internet and send and receive e-mails, SMSs and faxes from your compatible PC, taking advantage of the Nokia 32 terminal's fast data modem with GPRS and HSCSD connection.

Make it at home

The Nokia 32 terminal is the ideal fixed line substitute for homes where building or maintaining fixed telephone lines is not feasible or even impossible. If you wish to utilize your GSM subscription more effectively, you can use the Nokia 32 terminal to set up a wireless home office – just insert your mobile phone SIM card into a Nokia 32 terminal.

Installation is fast and simple. Plug in a traditional landline telephone into the Nokia 32 terminal and you can make your phone calls over the GSM network. Similarly, you can plug in your compatible PC to the same terminal and have a wireless data connection for accessing the Internet, for example.

Go mobile simply

In addition to Nokia 32 terminal itself, basic installation requires only a small-size SIM card and an available analog telephone line. No special tools are needed to establish the connection. Furthermore, easy-to-use Configurator Software is available for optional configuration of the terminal. In most cases, some configuration of the PBX is needed for proper routing of the telephone calls.

Security for the Nokia 32 terminal is based on GSM standards and features AutoPIN and a SIM lock.

