

# Technical specs

## Data gateway features

- > WAN interfaces
- > WLAN
- > DHCP server
- > DNS relay
- > Routing
- > Stateful Inspection Firewall
- > Virtual server (including PAT and DMZ host)
- > IGMP proxy
- > VoIP (SIP 2.0)

## WAN interface

The router has the following WAN interfaces:

- > 10/100 BaseT Ethernet WAN port
- > ADSL 2+ modem

## LAN ports

- > 4 x 10/100 BaseT Ethernet ports

## Quality of service

- > Voice Service is prioritised over the data traffic

## VoIP functionality

- > 4 x SIP (RFC 3261) voice channels

The following codecs are available to each channel:

- > G.711 (64 kb/s) i-Law
- > G.711 (64KB/S A-Law
- > G.729 A/B (8 kb/s)
- > G.726 (32 kb/s)

The following features are used by the gateway:

- > VAD (Voice Activity Detection)
- > Silence suppression
- > Comfort noise
- > Echo cancellation (G.168)

## ADSL modem

The modem complies with the following:

- > ANSI T1.413 Issue 2
- > TU-T G.992.1 Annex A/B (G.DMT)
- > TU-T G.992.2 (G.lite)
- > TU-T G.992.3 (G.dmt.bis)
- > TU-T G.992.5 (ADSL 2+)

## Protocol support

- > PPPoA
- > PPPoE
- > RFC 1483

## Management application

Management system configuration via an intuitive webbased graphical user interface

## Full remote management application

## Security

Wireless - WEP and WPA are both supported for wireless security

Firewall - Stateful Inspection Firewall  
Network Address Translation  
Intrusion detection

## Music on hold (MOH)

- > External calls -'96 music or tone

## External music on hold

- > External music devices connect via the MOH module to any extension port
- > Stereo 3.5mm jack
- > Output Level 25 -'96 32mA
- > Impedance 600 ohm

## Environmental requirements

Normal working temperature: 0°C to 40°C  
Working humidity (non-condensing): 5% to 95%

## Safety and protection

EN55022, EN55024, EN60950

## Voicemail

- > Integrated voicemail application

## Voicemail capacities

- > 10 Individual user mailboxes
- > 1 system mailbox (answering machine)
- > 2 Port: 30 min messaging capacity

## Power Supply

- > AC-to-DC power adapter (provided)
- > 110/220v AC - input
- > 24 V DC 1.0A - output

## Dimensions (W, D, H)

- > 200mm x 190mm x 80mm

## Feature set includes:

- > Call pickup
- > Call waiting
- > Conference
- > Call forward
- > Do not disturb
- > Night service
- > Call hold
- > Music on hold
- > Redial
- > Reminder call
- > Speed dial
- > Voicemail
- > Shared directory (DECT and Feature phone)

## PABX capacity

- > 2 x PSTN lines
- > 4 x Vox telephone lines
- > 4 x Wired extensions (up to 4 fully featured Feature Phones)
- > Integrated DECT base station with support for 4 DECT handsets (GAP compliant)

Euro DECT

## Wireless LAN access point

- > An 802.11b/g WiFi Access Point is provided

## Doorstrike relay contact

- > Max rating: 24 Volts DC, 2 Amps

## Door intercom size (W, D, H)

- > 203mm x 73mm x 38mm



# Vox ADSL PBX - 6 port

## For micro businesses



## Contact details:

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# Product sheet

# Vox ADSL PBX - 6 port



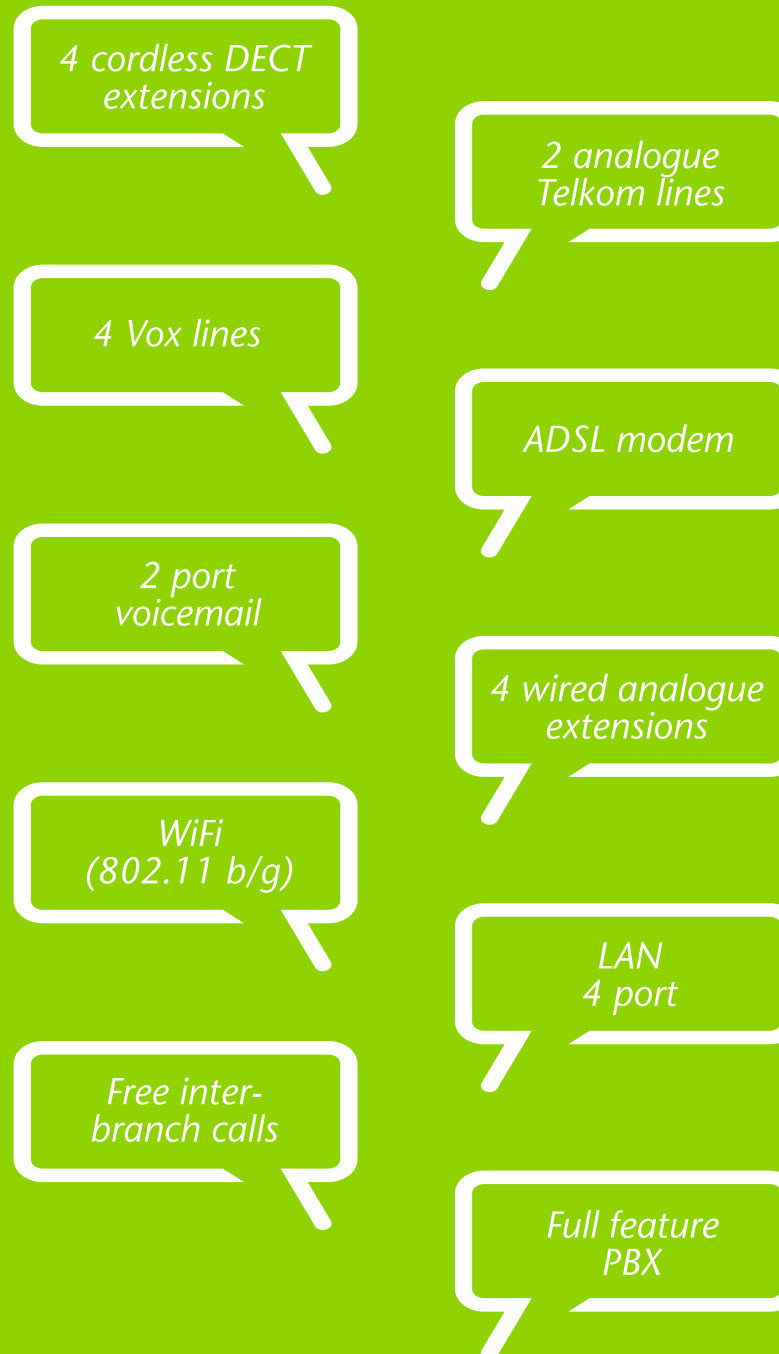
The 6 port Vox ADSL PBX offers a total micro business voice and internet access solution. All on a single platform!

For customers running a micro business, the Vox ADSL PBX is the ideal system to satisfy both professional requirements and big business aspirations. With the Vox ADSL PBX you get 4 Vox lines bound to our cost saving, revenue generating rate plan.

## Product Overview

The Vox ADSL PBX is the premier product for 2 or 4-line businesses that require broadband communication as well as comprehensive voice services and networking capabilities. The Vox ADSL PBX offers a total micro business solution in a single platform. By combining a fully featured PBX with a VoIP and data gateway, Vox and PSTN (Telkom) calls are handled in the same manner, making it possible to switch calls efficiently. The Vox ADSL PBX is a practical, convenient and affordable office-in-a-box solution for micro businesses, and caters for up to 8 users. This unique product offers micro businesses voice, broadband and data communications on a single platform. The product boasts extensive call handling features, including:

- > Wired and DECT extensions
- > ADSL modem
- > 6 port router
- > Firewall
- > WLAN
- > 4 x Vox IP channels
- > 2 x Telkom analogue lines



All of this is provided in a streamlined contemporary desktop design that is an attractive feature in any office.

## Features and benefits

The Vox ADSL PBX is a fully featured PBX that supports both wired analogue extensions and integrated digital cordless (DECT) extensions, together with a complete data solution including wireless LAN. It supports 4 wired extensions, integrated voicemail (2 port), music on hold and a shared system directory (available from both analogue and DECT phones).

## Supports 2 Telkom analogue lines and integrates 2 Vox VoIP channels

The Vox ADSL PBX also seamlessly integrates 6 concurrent calls.

## Complete data solution

The Vox ADSL PBX is also a fully featured data solution and is equipped with an ADSL2+ modem for fast Internet access, as well as a router, firewall, 4 Ethernet ports and an integrated WiFi (802.11b/g) access point. Internet access through an external modem such as a Cable Modem can be supported using the WAN port.

## Ease of setup

Vox ADSL is configured and set-up on site by trained installers. A remote access option is also available to enable network operators/suppliers to remotely configure and manage the Vox ADSL PBX.