Introducing the Freebox

Author:

www.freespeech.ie

Created On: 09 Mar 2009 12:11 PM

The FREEBOX is a high-speed, high-quality broadband VoIP gateway, with built-in Quality of Service (it allows you reserve bandwidth for important services such as Voice/Video/Gaming).

The FREEBOX can be configured as an ADSL router (broadband via phone line) OR for use on a WAN connection (broadband via cable modem)

The FREEBOX is a Thomson SpeedTouch 716 (**RRP 99Euro**).
Main VoIP features are

» Quality Calls with VoIP prioritisation (QoS)
» Connects two regular phones to your Freespeech VoIP
» Provides switching between PSTN calls and VoIP on a single phone (if you have an existing Eircom line)
» Local Dial Plan (modify dialed numbers - example, modify to insert a prefix '01' for all calls without '0')
» Easy Installation, we will provide a guide and email support to help you get started

The FREEBOX allows connection of multiple PCs, games consoles, and you can attach two standard telephone handsets and make FREE voice calls over your broadband connection.
IMPORTANT: This is an ADSL router (Broaband delivered via your phone line) but it can be configured for CABLE and WIRELESS providers by converting one LAN port to a WAN port (only Dynamic allocation via DHCP is supported - ask your broadband provider if you are unsure).

Guides

Freespeech Guides
Manufacturers Install Guide for Freebox (Speedtouch 716) - Adobe Acrobat PDF file
Manufacturers User Guide for Freebox (Speedtouch 716) - Adobe Acrobat PDF file

Package Includes

- Freespeech Freebox ADSL modem router** (Thomson Speedtouch 716)
- RJ45 network cable
- UK/Ireland 3-pin power adaptor
- Installation guide and support provided by email.
** Units may be in refurbished condition **

Specifications

Hardware:
4x 10/100 MDI/MDI-X autosensing Ethernet ports
 1x USB port
 Integrated ADSL/ADSL2 modem
 Firewall
 Client registration button
 Secure UPnP support
 NAT helpers for Voice over IP, VPN pass through
 UK easy set up guide
 Voice Features
 Call Feature: basic outgoing and incoming call, Call Waiting, 3 Way Conference Call, Call Transfer,
Caller ID
 Call Control: SIP (RFC3261) or option MGCP (RFC2705)
 Voice Transport: compliance to RTP (RFC1889)
 Voice Codec: G.711 (a-law and u-law), G.723.1A, G.726,and G.729A
 Tone Signal: compliance UK
 Tone Generation: support DTMF, dial tone, ring back tone, busy tone, ring tone
 Tone Detection: DTMF
 Echo Cancellation: compliance to G.168
 Supports FAX/Analog Modem function
 Supports T.38 Fax relay
 Supports RFC2833 RTP Payload for DTMF Digits,Telephony Tones and Telephony Signals
 Two VoIP (FXS) ports for VoIP phone calls
 Both VoIP ports supporting intelligent lifeline backup
 Manual selection of PSTN mode or VoIP mode while making a phone call
 Automatic selection of PSTN phone call on dialing emergency numbers
 Supports IP QoS
 WAN interfaces
 1x RJ11 ADSL, ADSL 2 / 2+
 1x FXO (PSTN)

 LAN interfaces
 4x RJ-45, 10/100 Ethernet
 1x USB
 2x FXS (Voice)

 Management Features
 Support for DSL Forum TR-69
 Content Filtering
 Remote Support
 Easy configure Firewall