



Magnet Voice

Executive Handset
Specifications

The Magnet Voice Executive Handset phone is a user friendly fully featured key set for use with the Magnet Voice service.

Features

- 3 Way Conference
- Call Lists: Missed Calls, Made Calls, Received Calls
- Call Forward Unconditional,
- Call Forward on no Answer,
- Call Forward on Busy
- Call Waiting
- Call Hold
- Call Transfer
- Caller ID with caller name matching
- Full Hands Free
- Line keys and extension keys
- Message Waiting Indicator
- Phone Directory, Personal Telephone Book & Common Address book
- Reject, Redial, Mute
- Private number, CLIP/CLIR
- Time, Date & day of week on display
- Volume Control

Home Worker solution

Requirements:
Standard Broadband line, with no need for a fixed IP address
The default broadband router setting will normally be sufficient on the remote site.

Security

A Unique extension name and password is used for all extensions.
All connections (e.g. call set-up) and voice streams are encrypted using a highly secure encryption algorithm (AES).

Technical Specifications

Automatic Configuration and address assignment via DHCP Protocols (RFC 2131)
IP phone default compression is G.729 (ca 8kbits/sec).
Codecs Supported: G.711 μ -law and A-law, G.729a
Protocols supported: TCP/IP (RFC 793), RTP (RFC 1889), UDP (RFC 768), FTP, DHCP (RFC 2131), DNS (RFC 2874), HTTP (RFC 2616)
QoS supported (802.1p/q)
Echo and silence suppression in handset and in hands-free mode
Dynamic jitter Buffer,
Fully configurable via browser interface for remote maintenance
Firmware upgradeable via browser interface, FTP server and RMS server
Integrated 2-port hub
Upstream port to PC
Power: Plug-Top PSU; Power over LAN (802.3af)
Proprietary IP Signalling



Physical Characteristics

4-line x 20 character back-lit display
Context sensitive navigation keys
Full Hands free operation
Electronic Headset Volume Control
Electronic loudspeaker Volume Control
Electronic Ringer volume Control
Fixed Function Keys x 6, with dual colour LEDs
Programmable Keys x 16, with dual colour LEDs
Integrated 2 port hub allowing a single cable the workstation
Optional DSS (Direct Station Select) expansion module with 48 keys and dual colour LEDs.

The paging feature of the Cloud PBX is used to broadcast a message through the loudspeakers of all the system phones on the system and also to an external third party Public Address system.

The external Public Address system is connected to the headset port on any Executive IP phone using an audio adapter module which converts the headset socket to an audio connector. Any extension on the PBX can make a Page announcement over the Public Address system by making a Page call to that Executive IP phone that's connected via the Audio adaptor to the Public Address amplifier.

The normal PBX paging options apply, whereby the extension making the Paging announcement may page through just one extension, the external Public Address amplifier, or any group of system phone extensions, including or excluding the Public Address amplifier.

To page from a system phone or soft phone, press the up arrow navigation key and use the paging softkey to select which devices will broadcast the paging announcement.

SIP extensions can page by dialling *77 followed by the extension or Group number, or *77* for a universal page.

Following is required for each Public Address amplifier input or Paging zone:

- An audio adaptor module
- Dedicated Executive IP phone
- A user licence.

Technical interface, Phono socket input impedance 600 Ohms
Max output voltage 4 volts peak to peak