

## **Internet Power Phone 700 Series™ 2.4 GHz Cordless w/Caller ID**



The Internet Power Phone 700™ equipment has the form factor of a standard 2.4 GHz cordless multi-station phone, similar to those found in many homes and small offices around the globe. The set includes a Charging Base unit with paging capability, multiple 2.4 GHz cordless handsets with caller id display.

The handsets support the standard 12 dialing buttons plus MUTE, HOLD and FLASH buttons. Last Number REDIAL, SPEED DIAL and MEMORY buttons may also be optionally provided.

The IPP 700 requires the support of Eutectics DLL and API on the PC in order to integrate to VoIP Client software. Multiple handsets may share access to one VoIP line.

### **Product specification and functionality**

#### **Physical Specification**

- Handset Shell - customizable
  - ABS
    - Shock resistant
  - 2 piece construction with mounting structures
    - internal LiON battery
    - Microphone receptacle
    - Speaker Receptacle
  - Minimal Acoustic Coupling shell
  - Ergonomic design
- Cordless Base – customizable
  - ABS
    - Shock resistant
  - 2 piece construction with mounting structures
    - weighted
    - strain relief
    - Charging stand
    - PCB uP board mounting receptacle
    - USB – RJ11 Captive Cord (strain relief)
    - Ringer control access port
  - Minimal Acoustic Coupling shell
  - Ergonomic design
- USB compliant Cord
  - Shielded
  - RJ11 Male termination
  - USB A termination
  - 2 meters length
  - Straight
  - Strain relief
- Cordless Keypad
  - 12 button standard
  - 3x4 array
  - standard key designations
  - Carbon contact low profile keypad

# eutectics

- MUTE
- FLASH
- REDIAL
- SPEED DIAL1 – SPEED DIAL 3
- MEMORY1 – MEMORY20
- Hookswitch
  - Button
  - Low profile

## Functional Specification

- DTMF Dialing
- Outbound Local Dialtone
  - PC originated
- Inbound Ring
  - Optional Distinctive ring
- Mute
- Hold
- Speaker
- Last Number Redial
- Speed Dial Keys
- Volume Up/Down
- Ringer Volume
- Full Client Integration

## Connections

- USB A (captive)
- RJ11 (base)
- Wall Powered Base
- Battery Powered Handset

## Client VoIP Supported Protocols

- Optional SIP Stack
  - Via MSN Messenger
- Optional H.323 Stack
  - Via Netmeeting
- Optional Net2Phone Stack
  - Proprietary Signaling
- Optional MGCP 1.1
- Optional H.248/Megaco

## Components

- Micro Controller
  - 80X31/X51 Series
- Flash Program Memory
- Database
- Tone Detection
- Tone Generation
- WDT
- USB Tranceivers
- I2C Controller

## Ancillary Services Integration(Client Dependent)

- Voice Mail



- Message Waiting
- Three Party Calling
- Call Waiting
- Caller ID

### **Standards and compatibility**

The IPP 700 is compliant with the following standards:

- USB 1.1 – USB-IF Compliance
- FCC part 15 (Class B)
- CE
- UL
- Microsoft WDM/ODM
- Microsoft (Designed for Windows XP)

### **Installation Requirements**

Software compliant to Windows XP, 2000, Me and 98 SE.

Minimum requirements:

- 100 MHz or better Pentium 4
- 40 MB free storage space on Hard Drive
- USB Interface
- Internet Connection