

# LAN Phone LP600N



## **Support 2 Simultaneous Calls**

## **Rich Telephone Features**

## **Plug & Play by SIPPBX 6200 Series**

## **Centralized Setting & Phone Book**

## **Intelligent Phone Book Name Dialing**

## **Support Multi-Parties Conference**

The LP-600N is a SIP feature Phone which is powered by Welltech IPPBX SIPPBX 6200 series. The administrator can define each LP600N's setting including extension number, phone book, dialing plan etc without any settings in LP600N, just plug and play. Also the firmware upgrade can be easily managed by SIPPBX 6200. It makes the managing LP600N easy and simple.

## **Benefits**

### **Support 2 Simultaneous Calls**

The LP600N support 2 simultaneous call which meet most of users' requirements.

### **Rich Telephony Feature**

The LP600N provides a rich set of telephony feature which including call transfer, forward, DND, VMS etc.

### **Plug & Play by SIPPBX 6200 Series**

When LP600N is set to be managed by SIPPBX 6200, all of settings including phone book, service code and dialing plan etc. can be synced from SIPPBX6200 based

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on the user and belonged group. No additional settings are required, plug and play.

## Quick Phone Book Name Dialing

By using intelligent filter engine inside, operator/user can easy access their phone book by using the keypad without using the difficult English character selection keypad.

## Support Multi-Parties Conference

The LP600N support local mixer for 3-way conference. When worked with SIPPBX 6200, it can support up-to 8 parties conference by using the SIPPBX 6200 conference bridge. The LP600N will automatically switch to SIPPBX 6200 only when it required more than 3 conference parties.

## Interface:

Ethernet port (RJ-45, 10/100 base-T)

1-LAN port, for connecting to switch

1-PC port for connecting to PC

10/100 based Switch

PoE (IEEE 802.3af ) : **optional**

Earphone/Microphone Jack (3.5mm) for Headset

Handset Jack (RJ-10)

DC 12V power Jack

LCD Display:

Display Format: 16 Characters (W) x 2 lines(H)

View Size: 64(W) x 17.9 (H) mm

LCD Type: TN

Language: English, French, Chinese (**optional**)

## Specification:

### IP Network Connection

IPv4 (RFC 791)

MAC Address (IEEE 802.3)

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Static IP  
DHCP Client (RFC 2131)  
PPPoE  
DNS Client  
TCP/UDP (RFC 793/768)  
RTP/RTCP (RFC 1889/1890)  
IPV4 ICMP (RFC 792)  
TFTP Client  
VOIP VLAN Support (802.1q/802.1p)  
HTTP/HTTPS Server  
QoS Support

## SIP Protocol

RFC3261 compliance  
SIP UDP Protocol  
Support SIP compact Form  
SIP Session Timer (RFC 4028)  
MD5 Digest Authentication  
Reliability of provisional responses PRACK (RFC3262)  
Early/Delay media support  
Offer/answer (RFC3264)  
Message Waiting Indication (RFC3842)  
Event Notification (RFC3265)  
REFER (RFC3515)  
Support Primary and Backup Proxy  
Support STUN NAT Traversal  
Support "rport" parameter (RFC 3581)

## Audio

G.711 A-law,  $\mu$ -law  
G.723.1 (6.3K/5.3K)  
G.729A  
GSM 6.10 (full rate)  
Silence Suppression  
VAD/CNG

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Automatic Gain Control  
In-band/out of band DTMF (RFC 4733 (RFC 2833)/SIP INFO)  
Adaptive/Configurable Jitter Buffer  
Acoustic Echo Cancellation  
Volume Adjustment

## Preference

Customized Idle Text  
Phone Book  
Intelligent Phone Book Name Dialing  
Clock, Daylight Saving, Call-timer  
Call History of Missed, Received and Dialed  
Dialing Plan  
Digit Manipulation  
Selectable Call Progress Tone  
Support Personal Music Ring  
Support Silence Ring  
Auto Answer Mode

## Call Features

Up to 2 simultaneously call handling  
Caller ID display or inhibit  
Voice Mail with Indication  
Speed Dialing  
Call Waiting/Switching between Calls  
Call Forward (Busy, Unconditional, No Answer)  
Blocking of Anonymous Call  
Do not disturb  
Call Hold  
Call Mute  
Call Transfer  
Incoming Call Blocking List  
Music-on-hold support (via IPPBX or local)  
Conferencing (3-way conference over phone)

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- Multi-parties conference (via IPPBX)
- Distinct Ring between on-net and off-net calls
- Call Pickup (via IPPBX)
- Voice Broadcasting (via IPPBX)
- Barge-in & Barge-in Allowance List
- Support Almost Expire Tone Notice (6200 only)
- Redialing/pre-dialing
- Hot Line

## Management

- SNTP with Daylight Saving
- Multilanguage Web User Interface
- Administrative Telnet CLI
- 3 Levels of User Access Right with Password protection
- LCD Administration Login
- Provides System Status
- Diagnostics (debug through syslog)
- Configuration Backup/Restore
- Reset to Default
- Dual Firmware Image Backup
- Central Managed by SIPPBX 6200 (Plug & Play)
- Support http provisioning through MAC address
- Support Welltech advanced provisioning system (WellEMS 9510)

## Central Managed by SIPPBX 6200

- VLAN and DHCP service provided by SIPPBX 6200
- Extension Settings based on Mac address (up-to 3 Mac)
- Plug & Play without any settings on LP600N
- Device-wide parameters
- Firmware Upgrade
- Time Settings
- Dialing Plan
- Service Code
- Office/Personal Phone Book

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## Environmental

Dimension: 200 × 95 × 223 mm (Desktop)

Weight: 1.17kg (unit)

Operating Temp. & Humidity

- Temp.: 0°C~45°C (32°F~113°F)
- Humidity: 10%~90% relative humidity, non-condensing

Power Adaptor:

- INPUT: AC100V~240V, 50/60Hz
- OUTPUT: DC 12V, 1.5A

Power Consumption of PoE : 4 Watts

Regulatory: FCC (Part 15, Class B) & CE