

PRODUCT DATA**IP Phone LP-600 Attendant Console IP Phone**

Operator Attendant Console
 Busy Lamp Indicator for Extensions
 Up-to 48 keys with Status Indication
 Telephone Broadcasting



Welltech Computer Co., Ltd. was founded in 1988 in Taipei, Taiwan with the aim of linking people and the technologies, and has been an integral part of the community for over a decade. Our company is committed to promoting better Communications and Networking solutions to our customers through our strong knowledge and expertise in Voice over IP.

As the leading company in VoIP in Taiwan and with years of experience in H.323 and SIP protocol, Welltech has successfully developed FXO and FXS gateways, IP-Phone, E1/T1 Trunk gateway, SIP Proxy Server, Value added service server, USB phone and softphone and become a VoIP expert.

The voice quality and total solution providing ability are the reason why Welltech VoIP products are very popular in the market. From CPE side small gateways to CO side Solution, Welltech provided total VoIP solution to SOHO, multi-national corporations (MNCs), ITSP and carrier market. The new product, router integrated with voice over IP functions that support SIP protocol, is compliance with future communication trade.

PRODUCT DATA

Introduction

The LP-600 is an Attendant Console IP Phone, with Attendant Console for BLI (Busy Lamp Indicator), up-to 48 keys. All extensions of Attendant Console could be SPEED DIAL to talk. 1-port PSTN interface to connect with PSTN line for power failure or IP network disconnect backup. Besides Handset and Hand-Free Speaker, LP-600 with general jack to connect with Headset. Line out port for analog recorder connection. USB port to save voice mail or record file.

Benefits

Attendant Console attached

- Combine to IP-PBX system for Operator console
- Up-to 48 keys with status indication, such as IDLE, BUSY, REGISTER etc.

Triple Speaking Modes

Build-in Handset, Hand-Free Speaker, and Headset modes, user can select the most suitable and convince way to talk.

Superb Design of Headset mode for Privacy Talk

- The Operator of Enterprise is able to use Headset to operate for all calls.
- The Agent of Call / Service Center could also using Headset mode to serve incoming service call.

Solid design for High-Sensitive affair and high-security organization

Physical Interface

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

- 1-WAN port, for connect to Router, ADSL/Cable modem, and Leased Line
- 1-LAN port, for connect with PC or other network devices.

Handset Jack (RJ-10)

Earphone Jack (3.5mm) for Headset Mode: Speaker / Microphone

Line-out Jack (3.5mm)

USB Host

AC power Jack

LCD Display:

- Display Format: 16 Characters(W) * 2 lines(H), A~Z, 0~9
- View Size: 64(W) * 17.9 (H) mm
- LCD Type: TN
- Language: English

Operating Key:

- Number Key: 0~9, *, #
- Volume Adjustment Key: Down (-), Up (+)
- Call Feature Key: Conference, Pick up, Transfer, Redial, Hold
- Hand-Free Key
- Hand-Free LED
- LCD setting key: C, OK, Left/ right/ up/ down

Function Key (LED): Line, Function Key, Broadcast, Missed, VMS (MWI), Blind Transfer, Mute, Headset

Extension Keypad: 48 keys

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Specification

IP Network connection

IPv4 (RFC 791)
MAC Address (IEEE 802.3)
Static IP
DHCP Client (RFC 2131)
PPPoE Client (RFC 2516)
DNS Client
TCP/UDP (RFC 793/768)
RTP/RTCP (RFC 1889/1890)
ARP/ARCP
ICMP (RFC 792)
SNTP (RFC 2030)
TFTP Client
Telnet Server
HTTP Server
QoS: DiffServ (RFC 2475)

IP Telephony (VoIP)

SIPv2 (RFC 3261)

- Session Timer (RFC 4028)
- Primary register by IP or URI (Number & Text)
- Outbound proxy setting for increasing Performance, Productivity, and security

Voice Codecs

- G.711 (a-Law/u-Law)
- G.723.1: 6.3k/5.3k bits
- G.729A: 8k bits (CS-SCELP)
- G.729

VAD – Voice Activity Detection

CNG – Comfortable Noise Generation

Silence Suppression

Jitter Buffer – Adaptive & Configurable

PLC: Packet Loss Compensation to increase voice quality

Acoustic Echo Cancelation (G.165/G.168)

Call Features

- Call Hold / Music on Hold
- Call Transfer (Blind & consultant)
- Call Forward (Unconditional / No Answer / Busy)
- 3-Way Conference
- DND (Do Not Disturb)
- Mute
- Redial: 10 lists auto-redial and Auto-Stop when incoming call

Volume Adjustment:

- Handset Mode
- Hand-Free Mode
- Headset Mode
- Ringing Tone

DTMF: In-band, Out-of-band (RFC 2833), and SIP-Info

Tone Generation:

- Dial Tone
- Ringing Tone
- Ring Back Tone
- Busy Tone
- Key Tone

Phone Book: 100 lists

Broadcast: Telephone Broadcasting

PRODUCT DATA

Specification

Security

HTTP 1.1 basic/digest authentication for WEB access
MD5 for SIP authentication (RFC 2069/2617)
Password protected Admin access authority

LCD Feature

Display:

- Date / Time Display
- Local Line Number / Name Display
- Caller ID Display (Number / Name)
- Call Records

Setting

- Phone Book
- Network Setting
- SIP Setting
- Phone Setting
- Reboot

Attendant Console Feature

Extension Speed Dial
Status Indication (LED)

Setting and Maintenance

Setting Method

- Web Browser (HTTP)
- LCD

Upgrade Method

- Web Browser (HTTP)
- FTP/TFTP

Web Access password set and change

Software version info

Date & Time

Environmental

Dimension: 325 × 95 × 223 mm (Desktop)

Weight: 1.17kg (unit)

Operating Temp. & Humidity

- Temp.: 0°C~45°C (32°F~113°F)
- Humidity: 10%~85% relative humidity, non-condensing

Storage Temp. & Humidity

- Temp.: 0°C~55°C (32°F~131°F)
- Humidity: 10%~95% relative humidity, non-condensing

AC Power Adaptor:

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

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

For OPERATOR to control incoming call

For Supervisor / Manager to speed dial to reach Agent / Subordinate

Design for Enterprise and Service / Call Center

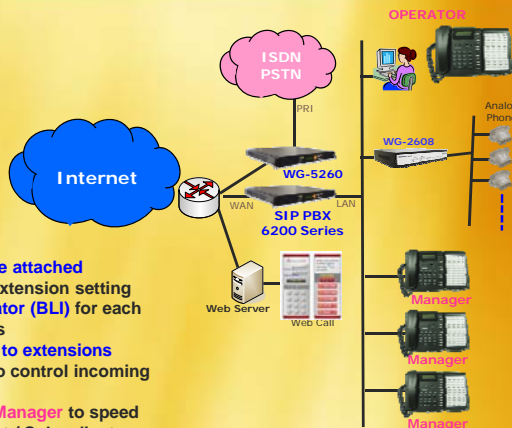
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Attendant Console IP Phone LP-600



- Attendant Console attached
- Up-to 48 key for extension setting
- Busy Lamp Indicator (BLI) for each setting extensions
- Direct Speed Dial to extensions
- For OPERATOR to control incoming call
- For Supervisor / Manager to speed dial to reach Agent / Subordinate
- Design for Enterprise and Service / Call Center

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	LP-600	LP-600N (*)
WAN	1	1
LAN	1	1
Attendant Console	V	X

(*) for OEM/ODM only