PROGILITY

An Advanced & Efficient solution to make your Business Communication easier
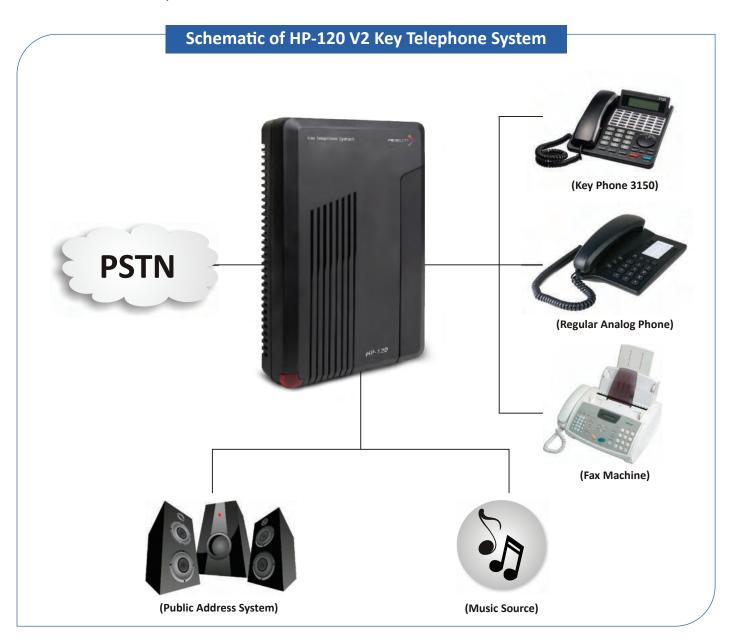
Introducing HP-120 V2 Key Telephone System (KTS)

Do you manage a legal practice, or run a workshop? Perhaps you're a Doctor or do you manage a production company? You have a large number of customers who you know over the phone, are always on call for your patients or are constantly in phone contact with your suppliers? If this is the case, you need a powerful telephone system that is future-proof, and that can be adapted perfectly to suit the size of your company.

HP-120 V2 Key Telephone System

HP-120 V2 (marketed & serviced by Progility Technologies Pvt. Ltd. in India) is an advanced communications tool designed to improve efficiency of your Small Office Home Office (SOHO). The system can cater up to 16 users fitting perfectly for your communication requirements. **HP-120 V2** offers tomorrow's communication technology today. It is compact, flexible and offers a whole string of useful performance features. In built features, such as Caller Line Identification (CLIP) on both analog trunk side as well as analog subscriber side, makes your communication even more flexible. **HP-120 V2** is a cost-effective communications solution, not only in terms of purchase price, but also for installation and operation. It is especially simple to install and administer with the Key Phone 3150 itself.

This versatile solution will bring a wide range of benefits to your company. Call forwarding makes sure that you answer every important incoming call & improve your service quality, call back features connects you to the caller when he is free.

Schematic of HP-120 V2 Key Telephone System

(Key Phone 3150)

(Regular Analog Phone)

(Fax Machine)

PSTN

(Public Address System)

(Music Source)

Features supported by HP-120 V2 Key Telephone System:

▶ **Hunt Group**

- There are 4 analog trunk ports in HP-120 V2 system
- One hunt group for each trunk port is maximum so maximum 4 hunting group are possible
- There can be maximum 3 subscribers in each hunt group
- The hunting type is - circular hunting

▶ **Flexibility in Class of Service changeover**

In case of HP-120 V2 now we have the flexibility for setting the class of service for individual subscriber in order to allow -

- Only intercom calls
- Intercom & Local calls
- Intercom, local & STD calls etc.

▶ **Override Feature**

It works without disconnecting or disturbing the ongoing conversation.

After pressing override code, 3rd - participant can join the conversation after beep tone.

New Override Feature can be used on both analogue phone and digital phone, or without alerting tone.

▶ **Toggling of calls for analog subscriber**

If analogue user wants to answer the waiting call then user can put the present call on hold and accept the second waiting call. It's also possible to toggle between the two calls.

▶ **Enhanced Audio Conferencing**

With HP-120 V2 users can use 5 party audio conferences with any combination of external & internal participants.

Only one participant who is the conference initiator should be the internal party. Rest 4 participants could be internal or external.

The conference initiator must be part of the conference during the complete call duration and he cannot drop out of conference.

▶ **Flexibility of handling Incoming Calls**

System supports 3 types of answer modes when the calls from PSTN trunk lines.

Dialing the desired extension directly (Voice guided) the caller from CO-line will hear guiding voice when he calls the system, then he dials extension number directly as desired after hearing the mentioned voice.

▶ **Operator assisted call transfer**

Call will land by default on the Operator Console device like Digital Phone 8150 / 8180. Then the operator can transfer the call to the desired extension.

▶ **Group ringing**

System supports max. 5 extensions in a group simultaneously when there is an incoming call from CO-line. Any one of the extension out of group can answer the call. Other extensions will stop ringing once the call is answered.

▶ **Built-in three paragraph Voice Guidance**

HP-120 V2 system has built-in three paragraph voice guidance for incoming calls from CO-line.

- You can record the voice guide like "Welcome to our company, for operator service press zero". This message length can be max. 30 seconds.
- "The number you dialed is busy now, please try again later". (This is the fixed recording)

- "The number you dialed is not answering the call, please try again later". (This is the fixed recording)

▶ **Conference calls**

HP-120 V2 system supports 5 party conference features. In this conference there could be 4 internal participants and 1 external caller. Operator can set the conference call and needs to be part of the conference during the call. Conference call is automatically closed when all the participants exit the call.

- **Private CO-line** - HP-120 V2 system supports private CO-line for important user (top boss or owner of company), other extensions cannot share on this CO-line.
- **Caller Line Identification** - HP-120 V2 system supports internal as well as external line caller ID on Key Phone 3150 as well as analog CLI phones with DTMF / FSK formats. (Caller Line Identification of external number on phone is possible only with first two analog trunk lines out of four lines.)
- **Direct outward dialing (DoD)** - A user can dial out to an external number without operator assistance just by dialing outgoing code like "0" or "9". Besides this system also supports redial function for external numbers.
- **Intelligent trunk route for outgoing calls** - System can select appointed trunk line for outgoing calls for saving call charges.
- **Hot-line** - System supports extension has hot-line function to internal extension or an external number when operator picks up and no digit is dialed.
- **Flexible numbering** - You can decide the one, two, three or even four digit numbering scheme as required.
- **CO & Extension grouping** - System supports CO line and extension grouping with 12 groups. This will make some important extension with enough CO to incoming or outgoing calls.
- **Protection** - Over voltage / over current protection, lightening protection for trunk as well as subscriber ports.
- **Broadcast function** - System supports CO & extension makes a broadcast to Public Address system.
- **Do not disturb (DND)** - Someone maybe not like to be disturbed by others, so he can set DND function.
- **Night & day service** - Service method has automatic switch and manpower switch.

Other Features Supported

▶ **Shortened Access Codes**

▶ **Speed Dial tone for special system feature**

▶ **Transfer of Internal / External CLI when call is transferred**

▶ **Speed Upgrade of existing HP-120 V2 systems**

▶ **Forwarding of incoming calls**

▶ **Built-in Music on hold**

▶ **Calling time restricted**

▶ **Automatic Trunk line checking**

▶ **Incoming only trunk**

▶ **Different ring tones**

▶ **Alarm clock service**

▶ **External interfaces**

Technical data of HP-120 V2 Key Telephone System

Maximum Capacities of HP-120 V2 Key Telephone System	
Max. number of analog subscribers that can be connected	32
Max. number of analog trunks that can be connected	4
Max. number of Key phones that can be connected	4
Dimensions (H x W x D)	350 x 250 x 90 (mm)
Net Weight	3 Kg

Interface type	
Analog Extension Interface	Analog extension Interface with a/b line + 24V
Analog Trunk Interface	Loop trunk, incoming ringing-current, outgoing dual-tone signal

Telephone requirement	
Key Phone (Digital Phone)	3150 Key phone in black & white colour option
Analog Phone	Normal analog telephone with a/b interface

Power Supply	
AC Power supply rating	220 V AC (+/-) 10% 50Hz (+/-) 5%
Power consumption	40 to 50 W

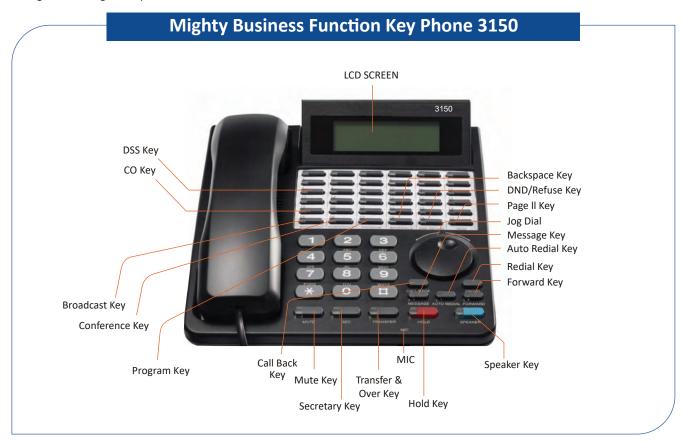| Environmental Requirements	
Operating Temperature	0 to 40 Degree Celsius
Relative Humidity	10% to 90%

Technical specifications of Key Phone 3150

LCD display size	88 mm x 22.5 mm
Number of rows	2
Number of characters / row	16
Display type	backlit
Total number of DSS keys	30
Fixed function keys	16
Navigation control (Jog Dial)	1
Number of ring tones	8
Volume adjustment	4 level
No. of Phone book entries	100

Key Phone 3150

When it comes to advanced communication requirements it's the technological advantage that enhances efficiency and flexibility of use. The 3150 thus becomes the preferred choice for those who are in need of updating their current communication systems. With its easy-to use Navigation Key (Jog Dial) 3150 Multi-function Key Phone helps extension users quickly select and control various features, including commonly used settings such as microphone, speaker and ringer volume, and adjusting LED background lightness. Its ergonomic design and operational function contributes to its value addition and makes it convenient to use.

Mighty Business Function Key Phone 3150

LCD SCREEN

3150

DSS Key
CO Key

Backspace Key
DND/Refuse Key
Page ll Key
Jog Dial
Message Key
Auto Redial Key
Redial Key
Forward Key

Broadcast Key
Conference Key

Program Key

Call Back Key
Mute Key
Secretary Key
Transfer & Over Key
Hold Key
MIC
Speaker Key

Features supported on Key Phone 3150 -

Phone Operations	Outgoing Call Operations	Communication Management	Other Functions
Volume Adjust	Normal Call	Call Back when Busy	Transfer in Busy
Backlight Setting	Hotline Cal	Missed Calls Call Back	Transfer after No-Answer
Incoming Call	DSS Key Call	Call Hold	Secretary Function
Answer Call	Last call Redial	Call Transfer	DND/Refuse
Auto Answer		MIC Mute	Phone Book Operation
Call Pickup		Call Waiting Answer	Conference Call

Operator Console -

Key Phone 3150 can be used as console for operator to receive incoming calls from CO-line. It will help the operator to handle calls easily and perform other tasks. Details as below:

▶ Secretary function
▶ One key dialing
▶ Calls holding
▶ Call back
▶ Redial / Auto redial
▶ Forwarding call

Information presented on the display of Key Phone 3150 -

▶ Incoming & outgoing calls
▶ Incoming caller's number
▶ Menu of system features
▶ System/ personal speed dialing
▶ Call duration
▶ Calling extension number
▶ Date / time

Sales Offices:

Ahmedabad
409, Pinnacle Business Park,
Corporate Road,
Prahaladnagar,
Ahmedabad - 380015
Tel.: +91-79-4040 7500

Bengaluru
No. 92-93, 1st Floor,
Garden Citi Plaza, Domlur,
Koramangala Intermediate
Ring Road, Amar Jyothi Layout,
Bengaluru - 560071
Tel.: +91-80-4361 8000

Bhopal
2nd Floor, Gomti-Villa,
273, Zone-II, M. P. Nagar,
Bhopal - 462011
Tel.: +91-75-5400 4676

Bhubaneswar
Plot No.382, 2nd Floor
Bhoi Nagar, Behind Sahid
Nagar Police Station,
Bhubaneswar - 751022
Mob.: +91-94370 04318

Chandigarh
C/o Regus Business Centre,
SCO 54-56, 3rd Floor,
Sector 17A,
Chandigarh 160017, India
Mob.: +91-99888 99421

Chennai
Unit No.2, West wing,
4th Floor, Maalavika Centre,
No.144-145 Kodambakkam
High Road, Nungambakkam,
Chennai - 600 034
Tel.: +91-44-2833 4190

Cochin
KG Oxford Business Centre,
No 39/4609, 4th Floor C,
Sree Kandath Road,
Ravipuram, Cochin - 682016
Tel.: +91-484-404 4260

Delhi
A-25, Mohan Co-operative
Industrial Estate, Mathura
Road, New Delhi - 110044
Tel.: +91-11-4288 5508

Gurgaon
4th floor B-Block, Times Square
Building, Sushant Lok Phase 1,
Gurgaon – 122001, Haryana
Tel.: +91-11-4288 5508

Hyderabad
H. No. 1-65/2/40 & 41 (P)
Plot No: 68, 1st Floor, A1 Towers,
Sri Rama Colony, Kavuri Hills
Phase 1, Madhapur,
Hyderabad – 500 033
Tel.: +91-40-4448 2500

Jaipur
605, 6th Floor, Green House,
Ashok Marg, C-Scheme,
Jaipur - 302001
Mob.: +91-96549 10792
Mob.: +91-96729 91967

Jammu
Lane No-1, R K Vihar Behind,
Rama Krishn Ashram,
Udhewalla, Bohri,
Jammu-180002
Mob.: +91-99888 99421

Kolkata
12th Floor, Unit No.3, PS Srijan
Corporate Park Tower-1,
Plot No. G-2, Block EP & GP,
Sector-V, Bidhannagar,
Salt Lake Electronics Complex,
Kolkata – 700091
Tel.: +91-33-4016 5100

Lucknow
C/O. Regus Infinity Business
Hubs, 4th Floor, Halwasiya
Court, Hazratganj,
Lucknow - 226001, U.P.
Mob.: +91-77048 09251

Mumbai
Unit No. 901, 9th Floor,
Lodha Supremus, Wing - E,
I Think Techno Campus,
Kanjurmarg (East),
Mumbai - 400 042
Tel.: +91-22-4154 7000

Mahape
EL - 19, MIDC, TTC Industrial
Area, Mahape, Near Nelco,
Navi Mumbai - 400710

Pune
Office No. 2, 2nd Floor,
Patil & ABK House,Pakharbaug
Society, Ram Nagar, Bavdhan,
Pune, Maharashtra - 411021
Tel.: +91-20-2291 6060

Vadodara
A/413, Atlantis, B/s. Central
Square, At Sarabhai Campus,
Nr. Genda Circle,
Vadodara - 390023
Tel.: +91-265-232 3155

Visakhapatnam
Visakha Business Centre, Cabin
S-9, 46-19-5, Manda Vari Street,
Behind Big Bazar, Dondaparthy,
Visakhapatnam - 530016
Mob.: +91-99493 53919

Nagpur
1st Floor, 6-A, Matruchaya,
Modern Society,Chhatrapati
Square, Wardha Road,
Nagpur - 440015
Tel.: +91-712-3580 369

Aurangabad
Mob.: +91-77200 25100

Coimbatore
Mob.: +91-90430 02473

Dehradun
Mob.: +91-95680 10446

Goa
Mob.: +91-80-4361 8000

Guwahati
Mob.: +91-98640 16888

Kota
Mob.: +91-96549 10792

Madurai
Mob.: +91-90430 02473

Patna
Mob.: +91 98713 95569

Raipur
Mob.: +91-98260 10263

Ranchi
Mob.: +91-76541 90694

Vijayawada
Tel.: +91-40-4448 2500

Trichy
Mob.: +91-90430 02473

Contact us: 011-4288 5508   **www.progilitytech.com**

Corporate Head Office: Unit No. 1001, 10th Floor, Lodha Supremus, Wing - E, I Think Techno Campus, Kanjurmarg (East), Mumbai - 400 042, Maharashtra, India. Tel.: +91-22-4154 7000, Fax: +91-22-4154 7222 Email us - india@progilitytech.com

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