

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 Proglity 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



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, lightning 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	16
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%

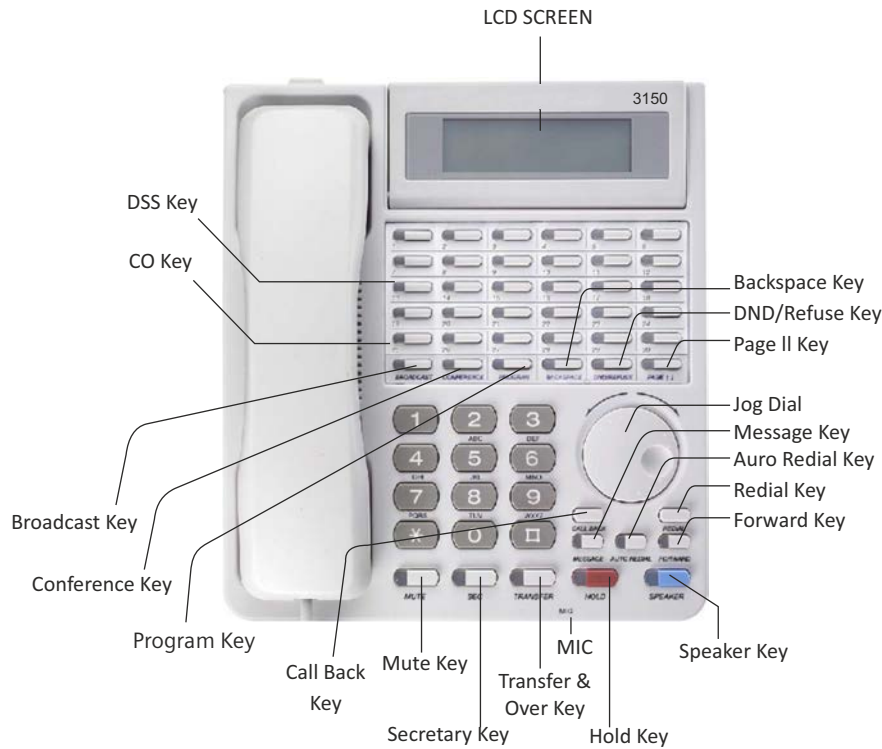
Technical specifications of Key Phone 3150

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



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

Information presented on the display of Key Phone 3150 -

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

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