

OVERVIEW

Paging Paging is invoked from an extension telephone by specifying All-Call or Group and is broadcast through IPTs.

Internal paging is available two ways:

- All-Call Paging
- Individual Group Paging

Certain SIP terminals may accept a paged call if the phone supports paging, and the feature is enabled. IPTs belonging to the same group will also hear the paging call.

If the SIP phone does not support paging, IPedge will disconnect the call on that SIP terminal, however, members of the same paging group will continue to hear the paging call.

3rd-party paging devices may be used, however they are treated as a SIP terminal. SIP terminals may also be paged provided they have the ability to provide this feature. Please refer to the IPedge accessories manual for information on 3rd-party devices.

EXTERNAL PAGING

For external paging solutions refer to the IPedge Accessories manual.

Paging**Telephone Group
Paging**

Paging is activated from an extension by specifying a Page Group. Paging is broadcast through the IP5000-series telephone speaker.

Emergency Page

Designated stations are permitted to place an Emergency Page to ensure they can reach all concerned with an important announcement. An Emergency Page is one that will supersede any current page to allow this privileged station to take over the IPTs. Like other forms of paging, an Emergency Page can be an All Page or directed to a specific Page Group.

Emergency Page groups follow the regular Group Paging. The list for Emergency All Call Paging is defined separately from regular paging. An emergency page may be answered in the same manner as a regular page.

External Paging

Paging over external speakers requires a SIP based paging device. The external paging device is treated as a SIP station by the IPedge system.

For external paging solutions refer to the IPedge Accessories manual.

Paging	<p>Station users may make page announcements to telephones. Check with your system administrator to find out the zone numbers for various paging groups. Verify with your system administrator if there are sufficient vacant media resources for successful paging.</p> <p>To make a Page announcement to telephones:</p> <ol style="list-style-type: none">1. Lift the handset, press your extension button and enter a paging access code.2. Make your announcement, then hang up. <p>To make a Group Page</p> <ul style="list-style-type: none">• Press Group Page and enter the Group number (01~24) — or —• Press extension + #31 and enter the zone number.
Answering a Page	<p>To answer a page from the paged station, press the page button - do not lift the handset or press the speaker button. To answer a page from other stations perform a Directed Terminal Pick up (See Call Pick up). The call must be picked up before paging ends. When the page is answered, the device being used at that time will be released.</p> <p>If a paged station is a member of two paging groups, and is being paged as a member of one group, and a page is attempted for the second group, that telephone attempting the page on the second group will receive a busy signal. The original paging is maintained, except in the case where the second page is Emergency Paging.</p>
Group Page	<p>To answer a Group Page, lift the handset off-hook, dial #5#36 and enter the Page Zone number (01~08, depending on your telephone system).</p>
All Call Page	<p>You can make an All Call Page to telephones assigned to the "All Call Page Group." Stations are assigned to the "All Call Page Group" in system programming.</p> <p>To make an All Call Page:</p> <ol style="list-style-type: none">1. With the handset off-hook, press All Call Page — or — <p>Dial #30. This pages all telephones in the All Call Page Group, not the external speakers. Paging external speakers requires a separate action.</p> <ol style="list-style-type: none">2. Announce the page and hang up the handset.
SIP terminals as paged device	<p>SIP stations may be set as a paged device, provided they support this feature. IPedge will disconnect the terminating call and drop SIP terminal from the list of paging group if SIP terminal returns busy or busy no answer at terminating.</p>

To answer the paged call, the user will seize a different line and enter the feature access code. To originate a page, enter the paging access code.

Set SIP Station for Paging

Certain SIP terminals may accept a paged call if the phone supports paging, and the feature is enabled. IPTs belonging to the same group will also hear the paging call.

If the SIP phone does not support paging, IPedge will disconnect the call on that SIP terminal. However, members of the same paging group will continue to hear the paging call.

Answer All Call Page

1. Lift the handset off-hook, dial #5#36.
2. Enter the Page Zone Number (01~08, depending on your telephone system).

Emergency Page

An Emergency Page overrides Group Pages or All Call Pages to telephones only.

- To make an Emergency Page, lift the handset off-hook, dial #37.
- To make an Emergency Page to a group, lift the handset off-hook, dial #38 and enter the Group number.

PROGRAMMING

Paging Options	Users can access any of the Paging options by dialing access codes or by using a programmed One-Touch button.
System Timer	<ol style="list-style-type: none">1. Click on System > System Timer.2. Select the Server from the drop-down.3. Assign the Page Auto Disconnect value 1~240 seconds (default 10 seconds). This is the amount of time a station with this feature enabled can page before the circuit automatically disconnects.4. Click on Save icon or select Apply To to assign the parameter to multiple servers.
Assign a Station to Page Group.	<ol style="list-style-type: none">1. Click on Station > Station Assignment.2. Select the IPedge Server from the drop-down.3. Select the Group tab.4. Check the Group(s) that this station should be a member of.5. Click on Save icon.
Assign a Group Page Key	<ol style="list-style-type: none">1. Click on Station > Station Assignment.2. Check the Station to be programmed.3. Click on Edit icon.4. Select the Key tab.5. Right-click the key to be programmed. This will highlight the key and pop-up a screen with button types.6. Click on Park Page > Group Paging.7. Click on Save icon.
Optional Modifying Group Paging	<ol style="list-style-type: none">1. Click on System > Flexible Access Codes.2. Click the access code to be changed.3. Click on Delete.4. Confirm the deletion of the code.
Add New Flexible Access Code	<ol style="list-style-type: none">1. Click on New.2. Enter the code.3. Select the feature from the drop down.4. Click on Save icon.

- Emergency Paging
1. Click on **System > Class of Service**.
 2. Select the Server from the drop-down.
 3. COS Number – Select the COS Number.
 4. Place a check mark to the right of **Invoke Emerg Page** to allow users with this COS the privilege of using the feature (default is disabled).
 5. Reset to Default sets all values to factory defaults.
 6. Click on **Save** icon or select **Apply To** to copy the changes to multiple servers.

- Assign an All Emergency Page key to a station
1. Click on **Station > Station Assignment**.
 2. Check the Station to be programmed.
 3. Click on **Edit** icon.
 4. Select the **Key tab**.
 5. Right-click the key to be programmed. This will highlight the key and pop-up a screen with button types.
 6. Click on **Park Page > All Emergency Page**.
 7. Click on **Save** icon.

EXTERNAL PAGING

For external paging solutions refer to the IPedge Accessories manual.

CAPACITY

- Number of paging groups (zones) is 24.
- Number of IPTs per group is 120 (maximum).

AVAILABILITY

- Paged devices include IPT, Attendant Console, and External Paging Device (SIP device).
- Paging may be invoked from an extension station (IPT, Attendant Console, Standard telephone) and a private line.

Terminal/Line	Descriptions
IPT	Available to originate paging call Can be paged terminal
Soft IPT	Available to originate paging call Can be paged terminal
IP Attendant	Available to originate paging call Don't set as paged device
SIP compliant terminal	Available to originate paging call SIP terminal may originate paging call And can be the paged terminal if it has a capability
SLT (via FXS gateway)	Available to originate paging call
Paging Device (via FXS gateway)	Can be paged device (However, this call is treated as talking call, not paging call)
Door Phone (via FXS gateway)	This can be the paging device if the destination is set as paging device
SIP trunk	Not supported, even though DID destination is set as group paging feature access code
IP-QSIG	Available to page in remote node however, cannot set the member of paging group across nodes
Analog trunk (via FXO gateway)	Not supported, even though DID destination is set as group paging feature access code
ISDN trunk (via FXO gateway)	Not supported, even though DID destination is set as group paging feature access code
T1 trunk (via FXO gateway)	Not supported, even though DID destination is set as group paging feature access code
Voice Mail – SIP	Unavailable

RESTRICTION

The number of paging devices per group is limited to 120 by the processing capacity restriction.

When an IPT goes off-hook while being paged, the paging will stop and the IPT begins the call origination mode (if APLS confirms). At this point, because the IPT loses the relationship with this paging instance, the paging is dissolved if this is the last IPT that has been paged. Thus, the IPT may not answer the page by entering an access code (if it is the last paged terminal).

A SIP terminal may accept a paged call. The paged call is distributed only if programming is enabled. At this time, SIP terminal will answer the call and paged voice can be heard if it has a capability.

If the SIP terminal rejects the call, IPedge disconnects the call on that SIP terminal. At this time, other members who belong to the same paging group continue to receive the paging call.

Paging can not access T38 Fax over IP stations.

HARDWARE

For internal paging, paging through IPT speakers, no additional hardware is necessary for this feature.

For external paging speakers an external SIP based paging device is required. For external paging solutions refer to the IPedge Accessories manual.

FEATURE INTERACTION

Call Park Orbits	Park and Page is composed of Call Park and Paging. The specification of Group Page is applied to the paging.
Call Pickup	A page cannot be answered by any Call Pickup features except the Directed Station Pickup and Directed Group Pickup.
Consultation Hold, Line Hold	A paged device cannot be put on hold.
Emergency Page	When Emergency Page is invoked during paging, Emergency Page has priority. Ordinary paging is interrupted and Busy Tone is returned to the originator of Group Paging.
Off-Hook Camp On	While Group Paging is used, camping on a paging device is not possible.
Ring Transfer, Call Transfer, Call Transfer Immediate, Call Transfer with Camp On	A station cannot be transferred to a paging device.
Third Party SIP devices	<p>Certain SIP terminals may accept a paged call if the phone supports paging, and the feature is enabled. IPTs belonging to the same group will also hear the paging call.</p> <p>If the SIP phone does not support paging, IPedge will disconnect the call on that SIP terminal, however, members of the same paging group will continue to hear the paging call.</p>
SIP extension	<p>SIP terminals can be set as the member of paging group. Only SIP terminals which support paging may accept a paged call. On SIP terminal which is a member of paging group that does not support SIP paging.</p> <p>A SIP terminal may be talking state when it receives paging call.</p>
T.38 Fax over IP	A paging call may not go T.38 FAX mode because paging call is established with one-way speech path.

EXTERNAL PAGING

For external paging solutions refer to the IPedge Accessories manual.