

pbxnsip Paging Account (PBX-PA)



Product Name: pbxnsip Paging Account (PBX-PA)

Manufacturer: pbxnsip

Model Number: -

Availability: In Stock

Paging means a one-way audio communication from one caller to a potentially large group of listeners. Typical applications include supermarkets, hospitals or trains. You may have several paging groups on one PBX that addresses different audiences. For example, you might have one paging account that calls a specific floor of the building, and you might have another group that pages the whole building.

Intercom is a potentially two-way communication between two participants. Intercom is controlled by the feature codes Intercom. In the previous version of the PBX, those two features were both in the paging group. In this version, they have been separated.

There are two ways to implement paging. The first way establishes regular calls to the paging recipients by using standard SIP calls (indicating that the call should be immediately connected by auto answer). This method works with most available SIP phones and there is also special equipment available that works as an overhead paging speaker. However, when the paging groups become bigger, it puts a lot of performance load on the PBX CPU.

Therefore the PBX offers a second paging mode, which just sends the RTP traffic to a predefined RTP IP address. Typically this is an IP multicast group. Phones and other overhead paging equipment will subscribe to that multicast group and go to paging mode as soon as they receive RTP traffic on this port. Using this method, you can build up very large paging groups with hundreds and thousands of speakers distributed in the organization.

pbxnsip Components

pbxnsip Component*

Order Code

Description

Domain

PBX-DOM

An instance of the PBX with defined extensions, trunks, auto attendant etc.

Extension**

PBX-EXT

A device that registers the PBX e.g. IP phone, softphone, etc.

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Auto Attendant

PBX-AA

An extension that automatically answers calls and facilitates call transfers

Calling Card

PBX-CC

An account that makes it possible to place outbound calls from the PBX.

Hunt Group

PBX-HG

A grouping of extensions set up to receive calls in order if a line is busy.

Paging Account*

PBX-PA

A one-way audio communication from one caller to a large group of listeners.

IVR Node

PBX-IVR

An account that allows a telephone caller, to select an option from the menu.

Agent Group

PBX-AG

A queue for incoming calls that allows for dispatch to a list of agents.

Conference Room

PBX-CR

A PBX account acting as a simple conference for multiple participants.

Trunk

PBX-TRK

A connection used to interface with devices that are not registered with the PBX.

Recording

PBX-REC

An option of the PBX that allows for inbound and outbound call recording.

CDR Reporting

PBX-CDR

An option of the PBX that allows for Call Detail Records to be used for billing.

SIPS Security

PBX-SEC

A security option of the PBX that secures calls using TLS, SRTP, and SDP.

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Co-Lines

PBX-CO

CO-Lines are associated with trunks, Each trunk may have several CO-Lines.

Low rate Codec

PBX-LRC

A voice comprehension algorithm that compresses voice audio down to 8Kb/sec.

*What is an Account?

We are using the term account to be any of the following: Auto Attendant, Conference, Hunt Group, Agent Group, Calling Card, Paging, Service Flag, and IVR Node. The customer can choose to configure the PBXs accounts so as to meet their needs. You cannot create accounts beyond the number you are licensed for.

**What is an Extension?

An extension is a special account type that has a phone and a mailbox associated with it. An extension can have multiple phones connected to it with the same extension number.

*The pbxnsip components above can be added to the base bundles found on pbxnsip Software IP PBX Section

Please Enquire