



A32i paging system description

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1 Introduction

1.1 Overview

The intercom broadcasting system is an app developed for the industry. In the LAN environment, a small intercom broadcasting system can be built to control the terminal equipment for intercom, calling, meeting and other functions, and support music broadcasting.

1.2 Applicable models

This document is applicable to A32i model

1.3 Target audience

This document is for users of intercom system.

2 Webpage configuration hotspots

1) Register SIP account with A32i

SIP SIP Hotspot Dial Plan Action Plan Basic Settings Hotspot Managed Extension

System
Network
Line
Phone settings
Phonebook
Call logs
Function Key
Application
Security
Device Log

Line: 5763@SIP

Register Settings >>

Line Status: Registered
Username: 5763
Display name:
Realm:
Activate:
Authentication User:
Authentication Password:
Server Name:

SIP Server 1:
Server Address: 172.16.1.2
Server Port: 5060
Transport Protocol: UDP
Registration Expiration: 3600 (30~2147483647)second(s)
Proxy Server Address:
Proxy Server Port: 5060
Proxy User:
Proxy Password:

SIP Server 2:
Server Address:
Server Port: 5060
Transport Protocol: UDP
Registration Expiration: 3600 (30~2147483647)second(s)
Backup Proxy Server Address:
Backup Proxy Server Port: 5060

Basic Settings >>
Codecs Settings >>

2) Enable SIP hotspot function, mode is hotspot, set hotspot name (avoid conflict with other hotspots in the network), set number prefix

SIP SIP Hotspot Dial Plan Action Plan Basic Settings Hotspot Managed Extension

System
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Client Table

IP	MAC	Alias	Line
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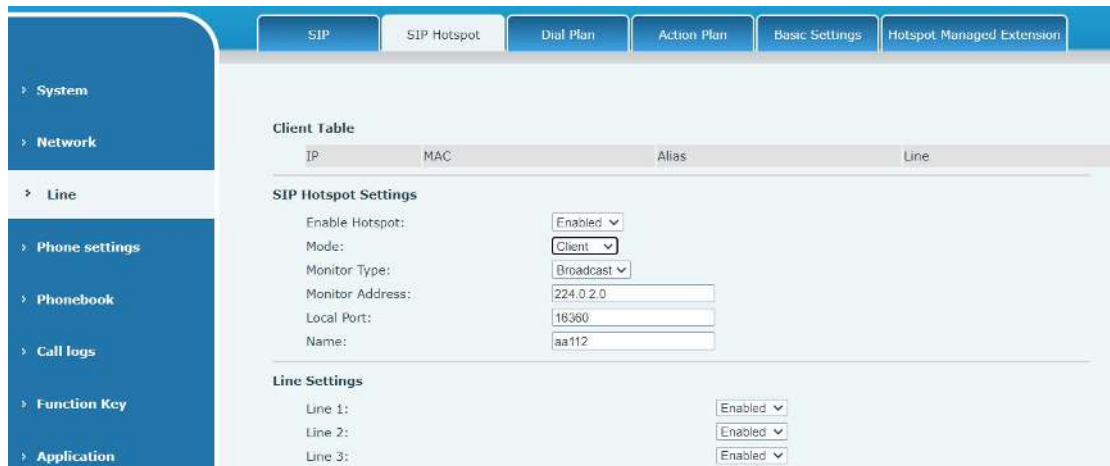
SIP Hotspot Settings

Enable Hotspot: Enabled
Mode: Hotspot
Monitor Type: Broadcast
Monitor Address: 224.0.2.0
Local Port: 16360
Name: aa112
Ring Mode: All

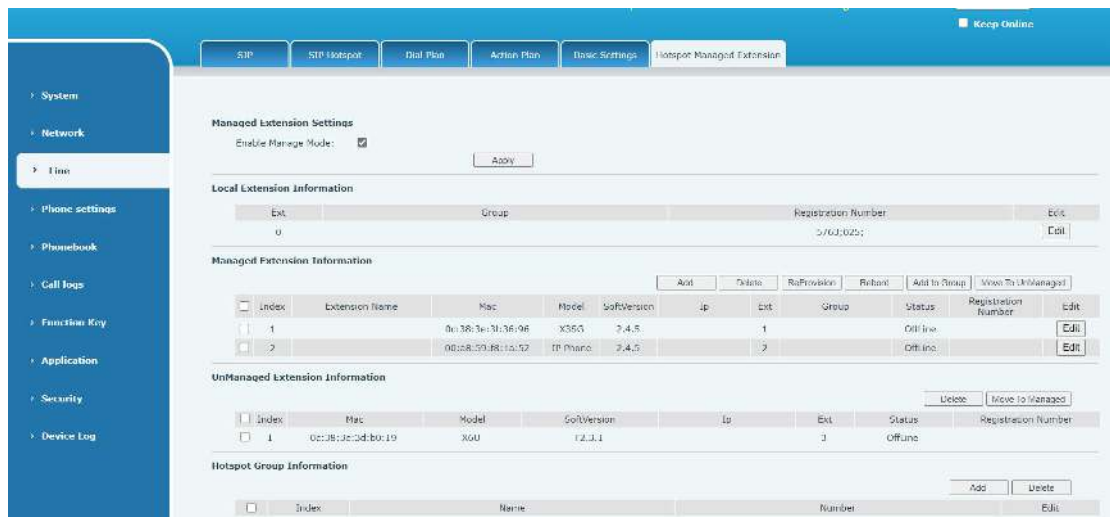
Line Settings

Line 1:	Enabled	Ext Prefix 1:	
Line 2:	Enabled	Ext Prefix 2:	
Line 3:	Enabled	Ext Prefix 3:	
Line 4:	Enabled	Ext Prefix 4:	
Line 5:	Enabled	Ext Prefix 5:	
Line 6:	Enabled	Ext Prefix 6:	
Line 7:	Enabled	Ext Prefix 7:	
Line 8:	Enabled	Ext Prefix 8:	
Line 9:	Enabled	Ext Prefix 9:	
Line 10:	Enabled	Ext Prefix 10:	
Line 11:	Enabled	Ext Prefix 11:	

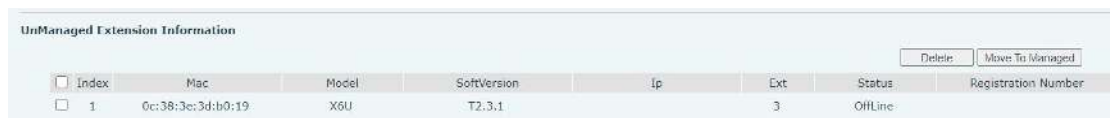
Other devices act as hotspot clients, enable the hotspot and set the mode to client, and set the hotspot name same as the hotspot server



3) After setting, go to the hotspot managed extension interface and enable the manage mode



5) Select the extension under the unmanaged extension information, then click move to managed on the right and move it to the managed extension



6) You may see the extension information in the managed extension, and you can edit the name of each extension to distinguish it



7) After completion, you can see that dskey is bound with hot extension

1	
2	

3 Paging system

The paging system supports intercom, broadcast and management.

Intercom includes group, record, the extension in the group includes intercom, call, conference, call barge, video monitoring and call out.

Broadcast includes current broadcast, music broadcast and history broadcast; music broadcast can be played to extension, and three types of broadcast are supported: immediate, timing and periodic.

Management includes administrator mode and unattended operation. After enable the administrator mode, you can add, edit, delete groups, delete and clear records, and add or delete music broadcasts and records. After enabling, unattended operation, when there is no one nearby, incoming call will forward to the set number.

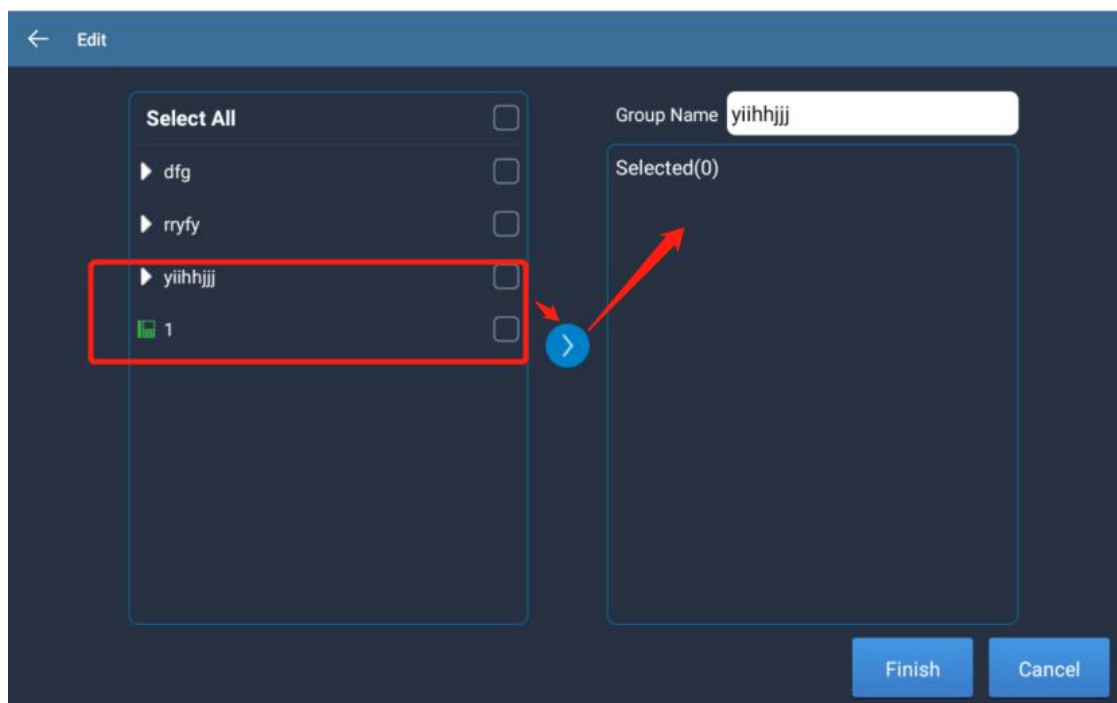
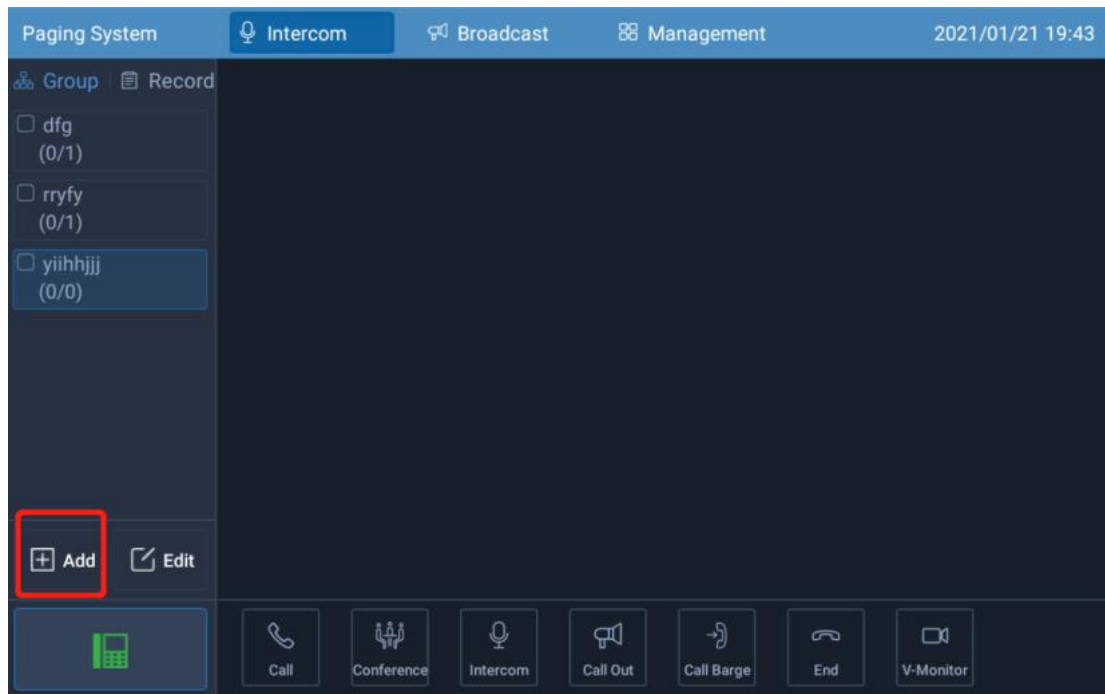
3.1 Intercom

3.1.1 Group

3.1.1.1 Add group

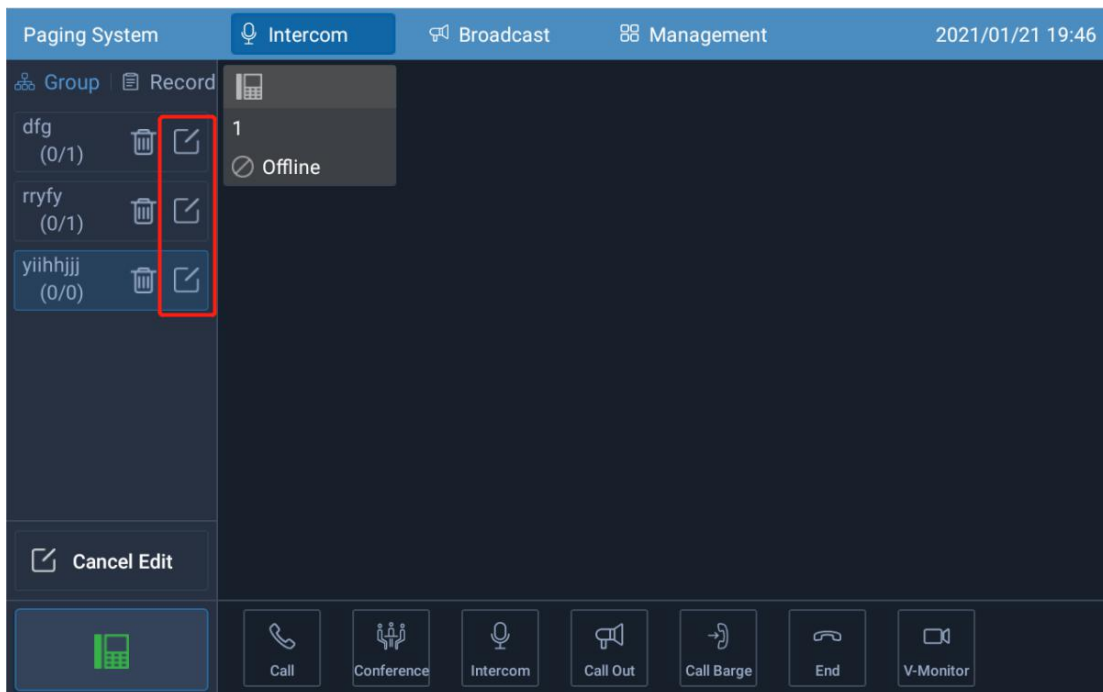
When adding, you need to enable the administrator mode first, enter the intercom system - Management - administrator mode, then prompt to enter the password, default password is "admin"

- 1) Click intercom - group - add
- 2) After entering, select the extension to be added to a group and click move right
- 3) Set the group name and save it
- 4) After saving, you can see the selected extension and its status (online, offline, on call) in the intercom interface



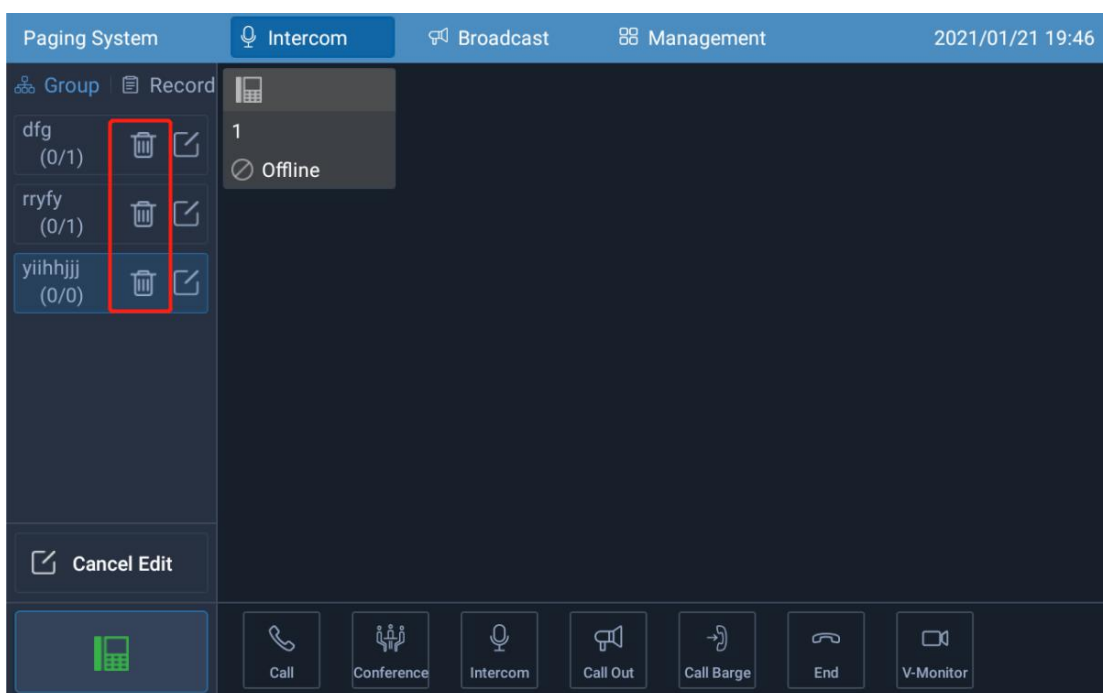
3.1.1.2 Edit group

- 1) Click intercom- group- edit
- 2) Select the group to edit, modify it and save it
- 3) Click cancel to cancel editing



3.1.1.3 Delete group

- 1) Click intercom- group- edit
- 2) Select the group to delete
- 3) Click cancel to cancel editing



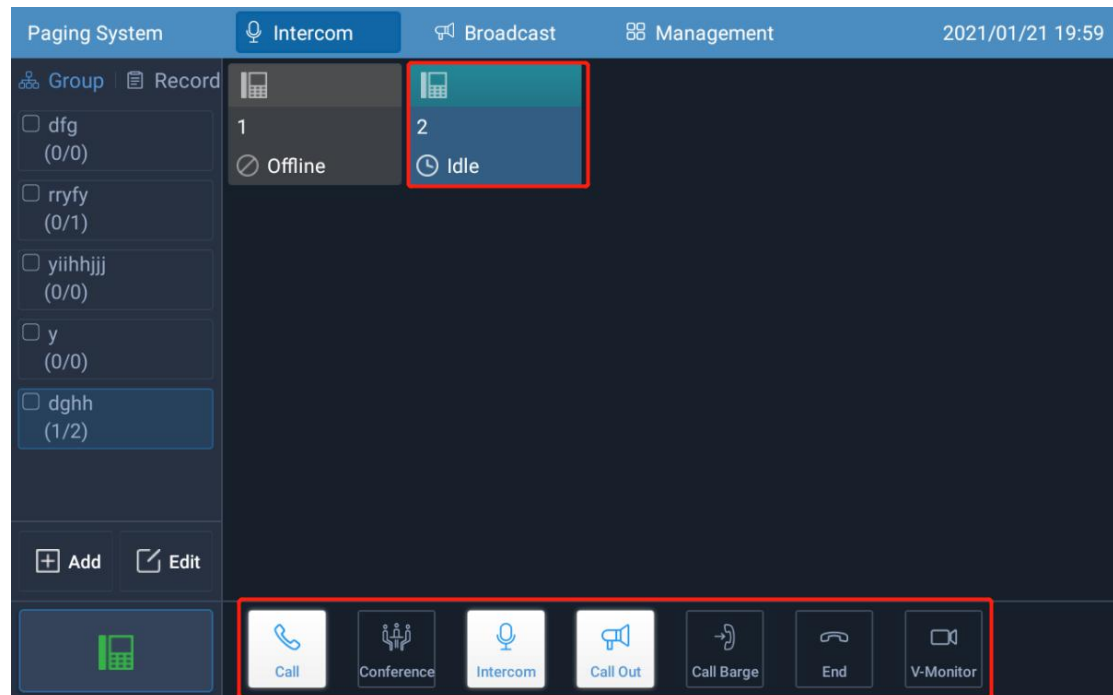
3.1.2 Extension operation

Select the group to operate in the intercom interface. After selecting the extension, you can select the function below to operate.

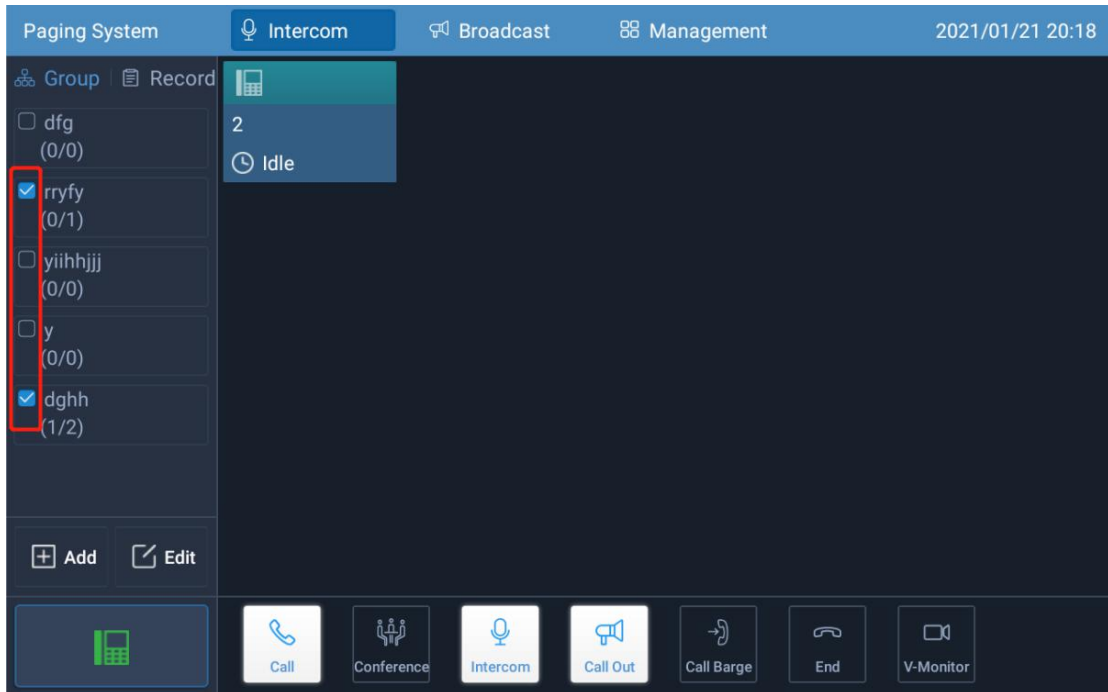
Support the selection of single or multiple, they can use the different functions

Note: intercom、paging、door phone not support call barge

Operation	Select one extension	Select two extension	Select three extension or more	Select one IPC
status	Idle/talking	Idle/talking	Idle/talking	
function	call, intercom, call out, call barge, hang up	conference, call out	call out	V-monitor

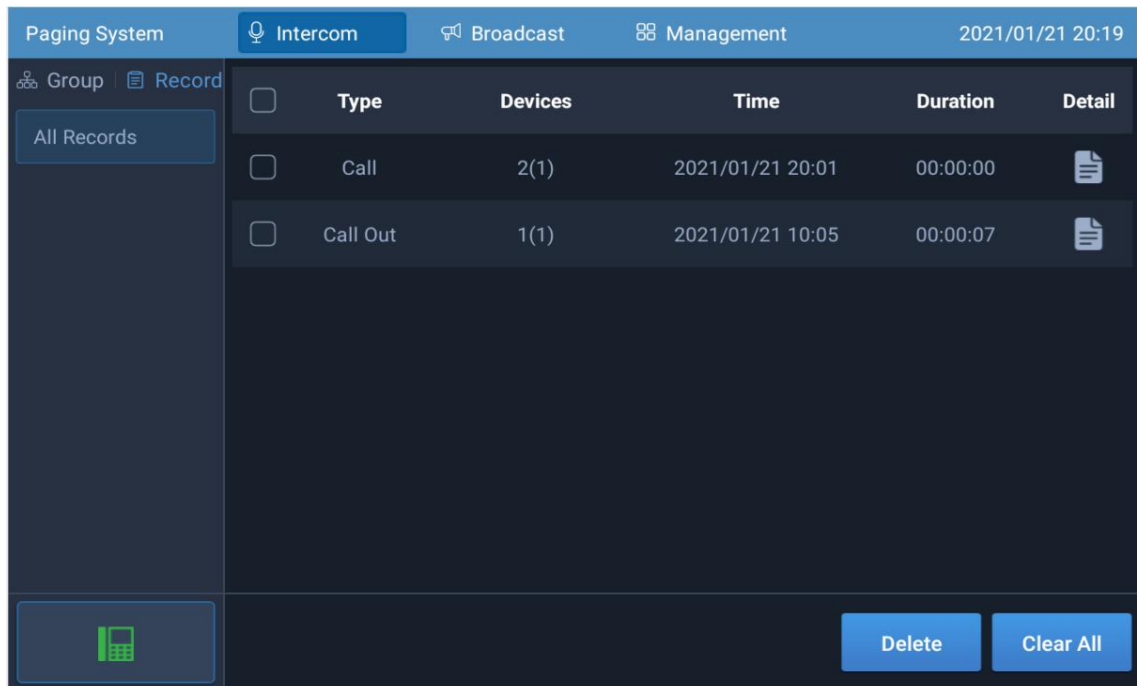


When multiple groups are selected, the online extension will be displayed on the right side and make call out operation.




3.1.3 Recording

You can view the operation record of the device and enter intercom - record.



3.1.4 Dialing

Click the device icon  in the lower left corner to enter the dialing interface

3.2 Broadcasting

3.2.1 Broadcasting

Display currently playing broadcast

It can stop the broadcasting and local broadcasting

3.2.2 Music broadcasting

3.2.2.1 Add music broadcast

- 1) Enter broadcast- music broadcast, add music broadcast
- 2) Broadcast type, currently only music is supported; after local playback is checked, the intercom system will also play music

3) Select the music file to play, support the local, U disk audio file

4) It supports three types: immediate, timed and periodic;

Immediate: play immediately after creation


Timing: play at the specified start time and stop at the end time

Periodic: select Sunday- Monday to play regularly


5) After clicking next, select the group or extension and save

6) After setting, music broadcast will be played at the set time

3.2.2.2 Music broadcast editor


- 1) Enter the music broadcast and click  to enter the editing interface
- 2) Reset time and audio file, extension, etc
- 3) Save after setting

3.2.2.3 Icon

Local play 

Stop local play 

Start local play 

Stop currently play 

3.2.3 Broadcasting history

Show all broadcast records

3.2.4 Supported models

Fanvil equipment that support hotspots.

3.3 Management

Support unattended and administrator mode settings

Unattended: when there is no one, you can transfer the call to another number

Administrator mode: after it is enabled, the group under intercom can be added, edited and deleted; records can be deleted and cleared; music broadcast and records can be added or deleted