Application Note – Configuring multiple FREUND SIP speakers through FREUND SIP server



Introduction

In this application note we will describe how to expedite handling larger amounts of FREUND SIP speakers from the SIP server.

Step 1

Make sure SIP server and SIP speakers are all powered on (PoE or external power supply). Refer to device <u>user manual</u> for detailed instructions.

Step 2Use IP-INTEGRA Network Configurator software to scan for the devices on network.

Num	IPAddr	FromMAC	Device	Hostname	Version	SystemID	Network Settings
INUM	192.168.200.118	02:42:7f:be:28:5e	FSA	fsa 199	v1.1.8	5a5e257443030	Configure
_			1	17777	1		_
2	192.168.200.103	02:42:12f0f0:92	ACC	facc332/S 4D	v1.15.9	5a5e257443030	Configure
3	<u>192.168.200.250</u>	b8:27:eb:34:08:5c	FSIP				Configure
4	192.168.200.111	02:81:f4:38:a4:9e	ACC	facc1338/M 4D	v1.15.9	5a5e257443030	Configure
5	192.168.200.253	b8:27:eb:4f:8a:62	FSIP				Configure
6	192.168.200.166	02:42:97:65:60:87	ACC	facc782	v1.11.0		Configure
7	192.168.200.130	b8:27:eb:ca:90:06	FSIP				Configure
8	192.168.200.131	02:42:a0:b8:0b:a5	ACC	facc321 2D	v1.15.8	5a5e257443030	Configure

If all the connected devices are showing up in the scan it means that we can proceed to the next step.

Step 3

In this step we will prepare extensions to which we will bind our newly connected devices.

Log into the FREUND SIP server and in the navigation menu click on "Extensions". Extensions can be created **one by one** – by clicking "Add New" in top right corner; or we can create **multiple extensions in Bulk** – by clicking "Show tools" in top left corner and then selecting "Bulk Add".

Fill out the fields and create enough extensions for all the devices (one device = one extension).

For more detailed explanation, refer to our SIP server user manual.



PICTURE SHOWING A LIST OF CREATED EXTENSIONS

Step 4

In step 4 comes the configuration part. For large quantities of devices, simplest way is to use the Provisioning groups. It works in a way that you configure one of these Provisioning groups and apply it to devices that require this setting.

To locate this, in the navigation menu click on **Config – Provisioning Groups – IP Audio.**

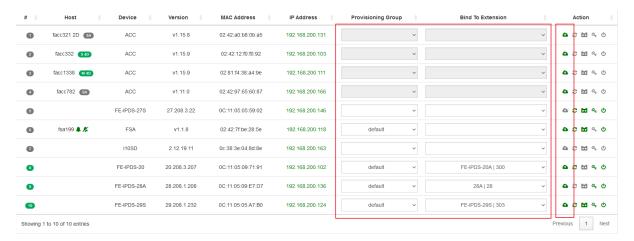
Under IP Audio tab you will find all the settings from FREUND SIP speakers.

Once it has been configured, make sure to save the changes.

Last step is to finally bind the device to its extension and send the already configured provisioning to it.

In the navigation menu click on **Config – Provisioning Devices – Scan.**

After scanning for devices, they will be listed in this page.



Simply **select provisioning group** and **extension** you want to bind device to and then click on "**Update Device**" in the **Action** menu on the right side.