

FAIATEIS INTERNATIONAL



# PPM-IT5 manual

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Professionnal IP Paging console



## FOR YOUR SAFETY

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Please follow the instructions in this chapter to get the optimum results from these units.

### EXCLUSION OF RESPONSIBILITY

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Manufacturer, importer, or dealer shall not be liable for any incidental damages including personal injury or any other damages caused by improper use or operation of the PPM-IT5.

### INTERFERENCE

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Like all computing devices, the PPM-IT5 uses high frequency digital circuitry that may cause interference on radio or television equipment placed close to the unit. The best solution for problems like this is to relocate the affected parts.

### CAUTION

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**Caution**

This sign indicates a potentially hazardous situation that can result in moderate or minor personal injury and/or property damage.

- Do not expose the PPM-IT5 to extreme temperatures, direct sunlight, humidity, or dust.
- Keep away water or other liquids from the PPM-IT5.
- Connect the power cord only to an AC outlet of the type stated in this Owner's Manual or as marked on the unit.
- When disconnecting the power cord from an AC outlet always grab the plug. Never pull the cord.
- Turn off the unit immediately, remove the power cord from the AC outlet and consult your ATEİS dealer in any of the following circumstances:
  - Smoke, odour, or noise getting out of the unit.
  - Foreign objects or liquids get inside the PPM-IT5.
  - The unit has been dropped or the shell is damaged.
- Do not drop or insert metallic objects or flammable materials into the unit.
- Do not remove the PPM-IT5 s cover. Contact your ATEİS dealer if internal inspection, maintenance, or repair is necessary.
- Do not try to make any modifications to the PPM-IT5.
- To prevent the unit from falling down and causing personal injury and/or property damage, avoid installing or mounting the unit in unstable locations.
- Operate the PPM-IT5 in an environment with a free-air temperature of between 0 °C and 40 °C (32 °F and 104 °F).
- Turn off all audio equipment when making any connections to the PPM-IT5, and make sure to use adequate cables.
- Do not use benzene, thinner, or chemicals to clean the PPM-IT5. Use only a soft, dry cloth.
- If the PPM-IT5 is moved from a cold place (e.g. overnight in a car) to a warmer environment, condensation may form inside the unit, which may affect performance. Allow the PPM-IT5 to acclimatize before use.

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## ATEIS INTRODUCTION

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### WELCOME

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Thank you for choosing ATEIS PPM-IT5. We hope you will enjoy using this exciting piece of technology as much as we enjoy developing and building it.

This manual can be updated at any time without prior notice in order to keep this manual up to date.

In case of errors in this manual or not clear process description, feel free to submit us mistakes, suggestions or questions by sending an email: [info@ateis-europe.com](mailto:info@ateis-europe.com) subject: *PPM-IT5 manual corrections*.

This document intends to be a complete manual and we hope that this Help file will provide you all information or answers needed. However if you have any questions, feel free to contact us.

### PRESENTATION

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**ATEIS** is a leading supplier of high-quality PA/VA audio equipment with distributors and subsidiaries in 23 countries throughout Europe, States, Middle East and Asia. Since 1981 we are manufacturing reliable and high quality loudspeakers, amplifiers, security matrices and other audio components. Our products are manufactured to ISO 9001 standards and, when possible, meet local requirements.

With more than twenty years of experience, ATEIS has quickly established itself as a leading manufacturer of Public Address, Voice Alarm systems and counter intercoms. The constant growth of market share in Europe provides confirmation of the quality of ATEIS's commercial and technical approach.

### PRODUCTS

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The company now offers a full range of sound equipment: microphones, preamplifiers, digital processors, digital audio matrixes, loud-speaker monitoring systems, amplifiers, IP terminals, etc. ATEIS designs and manufactures leading products in the voice alarm systems market which have been certified EN60849 compliant by the TÜV.

### DEVELOPMENT

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Thanks to a development team that includes thirty engineers, and to constant investment, we are able to respond quickly to the demands of our various markets with specific solutions and cutting edge technology. We have distributors in more than fifteen countries in Europe and the Middle East, with whom we have carried out major projects. In choosing ATEIS, you are guaranteed a trustworthy partner that can be counted on for the long term.

### ATEIS Field of applications

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ATEIS's audio systems have been installed into following markets:

- Railways / Subways
- Airports
- High raise buildings
- Hotels
- Restaurants / Shopping center and Malls
- Theme parks

- Places of worship
- Stadia
- Museums
- Industrial buildings
- Industrial plants
- Commercial buildings

## CONTACTS

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The PPMIT5 IP paging console is a man-machine interface which allows call-paging, messages broadcasting. Its back-lit touch screen is designed for simple and user-friendly operating. The 3 hardware keys can be freely assigned by software. The PPMIT5 Media console is a versatile device that fits well in a commercial shopping center as for an industrial environment where paging over IP-networking brings flexibility and easy access.

All paging parameters needed for site operating can be programmed: zones assigned to the different buttons, name of zones, group of zones, messages triggering or event control. A total of 168 keys over 12 pages allow zone or group of zones selections. The prerecorded messages and the chime are stored into the PPMIT5 IP paging console.

All the settings are done through web pages with your favourite web browser. Thanks to powerful echo cancellation, the PPMIT5 delivers clear sound for full duplex talk.

PPM-IT5 belongs to the TERRACOM range, the new ATEIS Audio over IP solution.

## MACHINE

---



- 1 5" TFT full colour paging console
- 1 Ethernet interface including POE (Power Over Ethernet) for full duplex network connection in 10/100Mbps.
- 24 VDC power supply.
- Power, Fault & Evac LED.
- 3 key-buttons
- 1 RJ9 for optional telephone headset
- 2 mini-jack plugs for optional headset

## INSTALLATION

### POWER CONNECTION:

The power connection can be done by :

- an external 24V power supply.
- the Power over Ethernet technology which allows to pass electrical power safely, along with data, on Ethernet cabling. You will need a Power over Ethernet switch. If you have several devices on the same POE switch, check if the switch will be able to deliver enough power to each unit. With a properly sized switch, you can reach 100m distance with POE.

### Control

Depending on your needs, there are several ways of configuring and controlling the PPM-IT5. Embedded web server enables you to modify the settings of the PPM-IT5.

TERRA-SERVER, our intuitive and powerful audio distribution software, handles the announcement, the music, the zoning, the paging, the scheduler & the priorities.

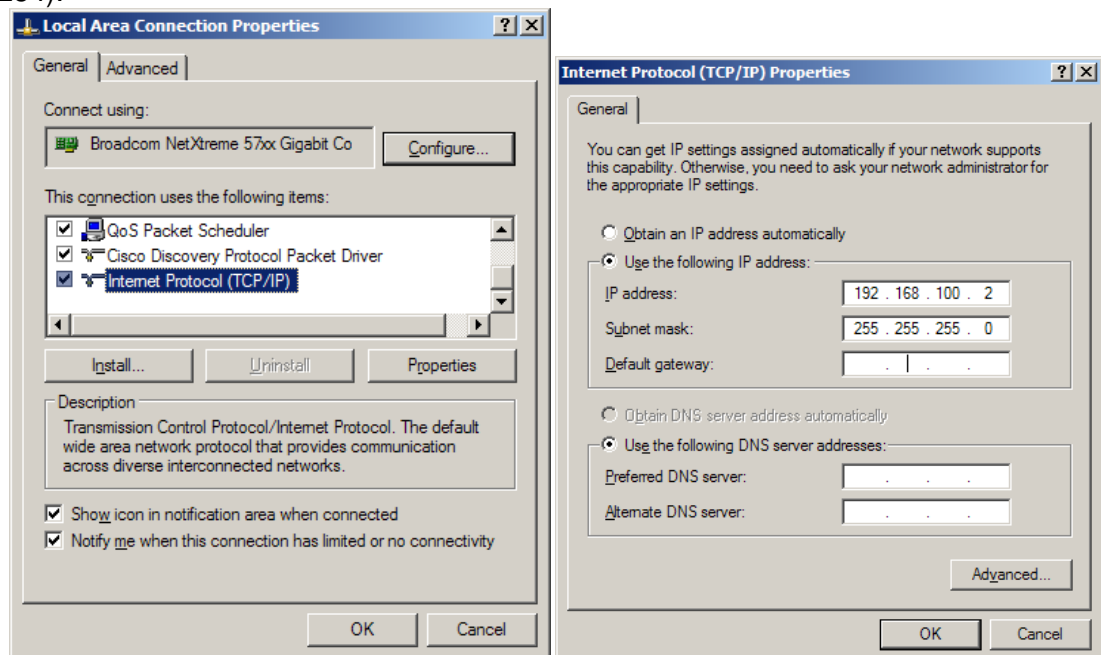
### Configuration

Each Terracom unit comes loaded with a default configuration. Follow steps 1 to 8 for connecting to the embedded web server that enables you to modify the settings.

#### Assign IP address to PC

Each Terracom device is shipped from the factory with a default IP address of 192.168.100.1

Then, your PC must have an IP address like 192.168.100.x (x is a value between 2 & 254).



If your device is not coming with the default IP address, please refer to the chapter: “How to knows its IP address”

## Power connection

---

Thanks to the Power over Ethernet (POE) 48V technology, your TERRACOM device can be powered through the Cat-5 cable. For that you will need a POE switch. Otherwise, your Terracom device can be powered by an external DC-JACK 24V-0,25A power supply. The front panel "POWER" LED will now remain green.

## Network connection

---

Use a straight Cat-5 cable to link your PC network card to the device. Open your favourite web browser (we recommend Mozilla Firefox) and type the default IP address into the address bar. You will be asked for a login. The default settings are: login: admin / password: admin.

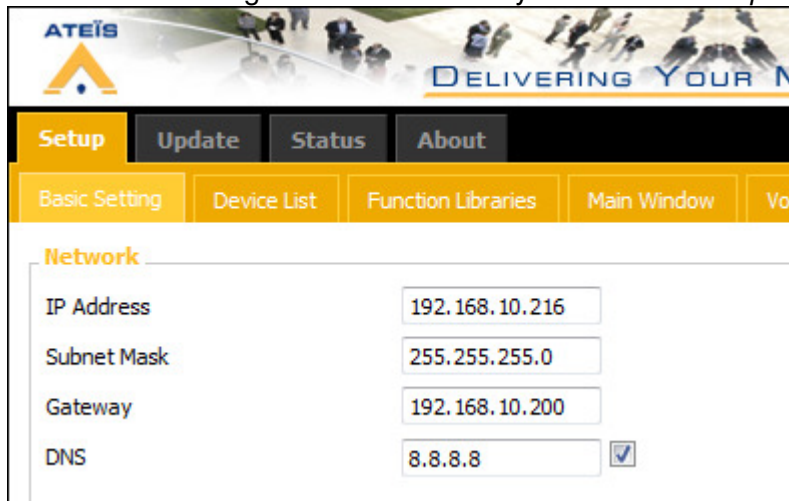
You can now visualize the web pages of the PPM-IT5.

**The default login/password is: admin/admin**

## Assign IP address to the PPM-IT5

---

You can now change the IP address of your device: *Setup ->Basic Setting ->Network*



The screenshot shows the web interface of the TERRACOM PPM-IT5. At the top, there is a banner with the ATEIS logo and the text "DELIVERING YOUR M". Below the banner is a navigation bar with tabs: "Setup", "Update", "Status", and "About". Under the "Setup" tab, there are sub-tabs: "Basic Setting", "Device List", "Function Libraries", "Main Window", and "Vol". The "Basic Setting" sub-tab is selected, and the "Network" section is active. The "Network" section contains four input fields: "IP Address" (192.168.10.216), "Subnet Mask" (255.255.255.0), "Gateway" (192.168.10.200), and "DNS" (8.8.8.8). There is a checkbox next to the DNS field that is checked.

N.B: You don't need to set up the Gateway if all the devices are in the same LAN (local area network).

You don't need to set up the DNS if the PPM-IT5 is not synchronised with an external NTP server.

Reboot.

Notice that you might have to change again the IP settings of your PC network card to be in the same network mask as the new IP address of your TERRACOM.

To avoid conflict issues that occur when connecting multiple TERRACOM devices with the same IP number, be sure to only connect one TERRACOM device at a time to the Ethernet switch when assigning IP addresses.

## SIP server settings

---

### If you use a SIP server

Enter the IP address of your SIP server and the (SIP & RTP) ports you will use.



**SIP**

Username	france-amp-1
Firewall Traversal Mode	<input checked="" type="radio"/> SIP Server <input type="radio"/> Terra Net
SIP Server IP	111.252.93.128
SIP Port	5060
RTP Port	6912
Audio Codec	L16 ▼

If you create a direct link without SIP and the target device is in the same LAN than your device:

Even if you are not using a SIP server, the TERRACOM devices will use a SIP connection (transparent for you). Then select Terranet for the Firewall Traversal Mode and set up the same SIP port value for each TERRACOM device. Configure also the RTP port. You can leave the WAN IP blank.

If you create a direct link without SIP and the target device is NOT in the same LAN than your device,

you might need a NAT Traversal. Then select the Terra net:

Enter the (SIP & RTP) ports you will use.

the WAN IP address is detected automatically, then you can leave it blank.

### Address book

---

Add now in the address book of the TERRACOM device, the list of devices you want to be able to call.

Setup ->Device List ->Add New Device...

In the URI, write [name\\_device@XXX.XXX.XXX.XXX:YYYY](#)

- For a call with a SIP server: XXX.XXX.XXX.XXX = the SIP server IP address
- For a direct call: XXX.XXX.XXX.XXX= the IP address of the device you want to call.
- For a local output: XXX.XXX.XXX.XXX=127.0.0.1

YYYY= the SIP port number you have entered in the SIP settings.

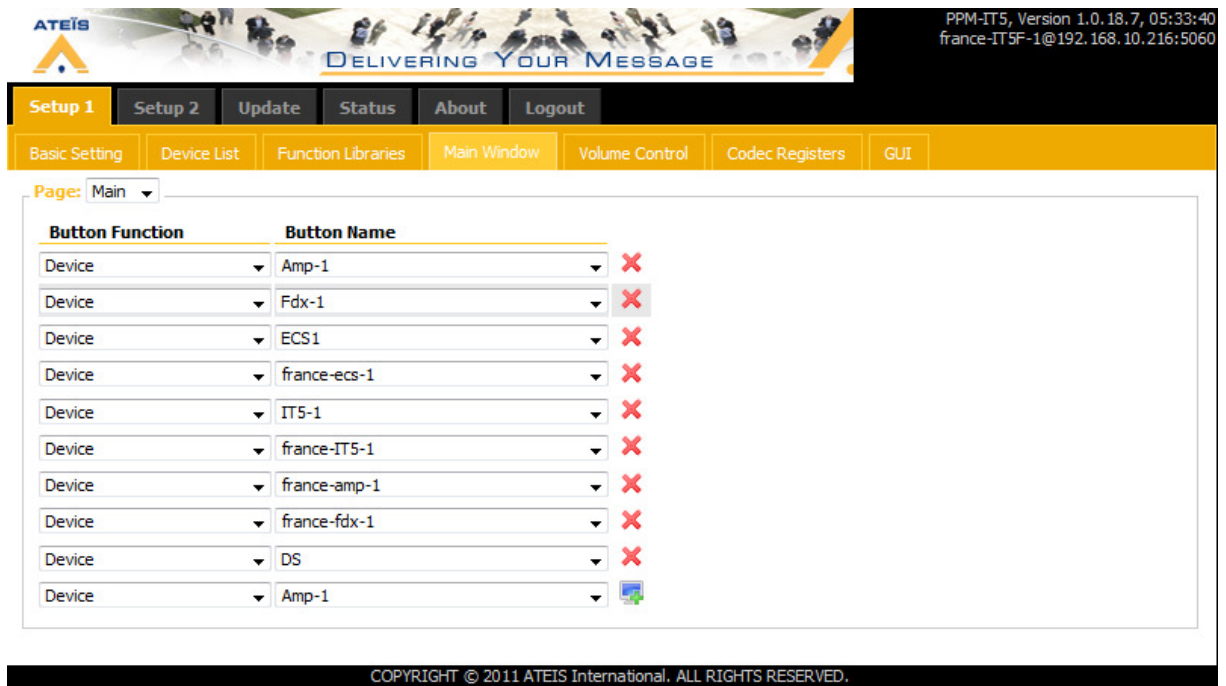
### Touch panel GUI

---

On the touchscreen you want to have the list of the devices you want to call.

You can link to a button:

- a Terracom device
- a group of Terracom devices
- a command



### Create a group : Function Libraries

You can create a group of devices in the function libraries window.

Setup ->Function libraries ->Paging group...

This group can be linked to a button on the touchscreen.

### Firmware Update

Ateis provides regularly new firmwares, then please check on our webpages if there is any new firmware for the PPM-IT5.

To update the firmware, open your favourite web browser (we recommend Mozilla Firefox).Type this IP address into the address bar. You will be asked for a login. The default settings are: login: admin / password: admin. You can now visualize the web pages of the TERRACOM. Go to the page Update/Firmware.

Open the browser and select the new firmware. Press update. Do not disconnect the power supply or the POE cat-5 cable during the update.

**N.B.: We recommend after a firmware update to reset the cache of your web browser.**

## SOFTWARE

### Address book

When you want to call someone with your phone, you enter the phone number or select someone in your phonebook. It is the same philosophy with a TERRACOM device: you can enter the IP address & port of the device you want to call or you can use the address book.

Once you are connected with your web browser on the TERRACOM device, the device will show you all the TERRACOM devices on the network. You just need to press on “Add” and give a name to the device. If you want to add an “offline” device or a “third party” device, you need to know its IP address.

You might need also to add the device itself, if you want to play messages or to have actions locally. In this case, you should give it the IP address: 127.0.0.1:5600.

## Function Libraries

---

On the PPM-IT5, you can create different kind of events.

### *Device Group*

---

This function is used to create a group of device. It will be used by the scheduler to trigger prerecorded messages into this group.

### *Command (String)*

---

This function is used to control a 3<sup>rd</sup> party device with a PPM-IT5.

### *Logic out (Old)*

---

This command is used to trigger one logic out of another device and change the status of logic out(hight<->low).

### *Macro*

---

A macro is another page on the touchscreen to manage key buttons.

### *Paging group*

---

This function is used to create a group of devices that you can use to page in once. On the touchscreen you will have one button representing the group.

### *Locked button*

---

With this function, you set logic out to high and to low. The difference with “Logic out” function is that if you set the logic out to high, you have then to change the logic out to low, if you want the logic out to go back to low.

### *Third party Controls*

---

This function is to declare a list of commands that a 3<sup>rd</sup> party device could trigger. This function allows a third party device to control the PPM-IT5.

### *External Variable*

---

This really interesting function is used if you want to show on the PPM-IT5 touchscreen the status of a non-Terracom device.

## How to use the function libraries

---

## Macro

- Go in the page : Setup 1 -> function libraries -> Macro.
- Create a new macro: Add / give a name to the macro.

You can add commands to the macro. This means that you will start these commands when you select a macro... Really rare to use it.

The screenshot shows the 'Macro' configuration page. At the top, there are tabs for 'Setup 1', 'Setup 2', 'Update', 'Status', 'About', and 'Logout'. Below these are sub-tabs: 'Basic Setting', 'Device List', 'Function Libraries', 'Main Window', 'Volume Control', 'Codec Registers', and 'GUI'. The 'Function Libraries' tab is selected, and a dropdown menu shows 'Function: Macro'. Below this is a table with columns 'Name', 'Function (Command, Logic out)', and 'Action'.

Name	Function (Command, Logic out)	Action
Group A		<a href="#">Edit / Delete</a>
Meeting Room	Projector ON, Curtain Open	<a href="#">Edit / Delete</a>

An 'Add' button is located at the bottom right of the table.

- Now we will add to the macro, the difference keys: Setups 1 -> Main window -> Page In page, you should see your list of Macro.

The screenshot shows the 'Page In page' configuration page. It has the same top navigation tabs as the previous page. Below the sub-tabs, there is a 'Page:' dropdown menu with 'Main' selected. Below that is a 'Button Name' dropdown menu with 'Group A' selected. To the right of the 'Button Name' dropdown is a red 'X' icon. Below these is a 'Device' dropdown menu with 'AMP-1' selected.

You can add the different keys per Macro

## Device Group

First create the group, used by the scheduler:

The screenshot shows the 'Modify Function' page. It has the same top navigation tabs. Below the sub-tabs, there is a 'Name' input field with 'group 2' entered. Below that is a 'Device' section with two lists of devices. The left list contains devices like 'AMP-1', 'DS', 'EX-4', 'FDX-1', 'ITSF-1', 'ecs\_local', etc. The right list contains devices like 'DS', 'EX-4', 'FDX-1', 'ITSF-1', 'ecs\_local', etc. Between the two lists are four buttons: '>', '<', '>>', and '<<'. At the bottom right, there are 'Save' and 'Cancel' buttons.

Then, go in the scheduler page: Setup2 -> Scheduler

If you select command: play Message, you will be able to choose your device group.

### Command (String)

This function is used to send an ASCII command to a 3<sup>rd</sup> party device.

Write in the string combo, the ASCII command you will send to the 3<sup>rd</sup> party device.

2 different modes:

- Time interval: number of time you will repeat the string and at what interval
- Time Out: When the IT5 will send commands to the 3<sup>rd</sup> party device, the device needs to respond(+Ans) within the set time(+Time Out ?? ms), or repeat sending, send the number of times(+Repeat) until the end.

### Logic out (Old)

To modify the remote device logic out, you must first select the remote device (to be in the list, the device must be added first in the device list window), the channel (which logic output) and the value:

ATEIS  
DELIVERING YOUR MESSAGE

PPM-ITS, Version 1.0.18.9, 02:22:00  
IT5-1@192.168.10.215:5060  
IN: Internal / OUT: Internal

Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | **Function Libraries** | Main Window | Volume Control | Codec Registers | GUI

**Modify Function**

Name: logic1

Remote target: EX-4

Channel: 1

Value: LOUT\_MODE\_ZERO

LOUT\_MODE\_ZERO  
LOUT\_MODE\_ONE  
LOUT\_MODE\_TOGGLE  
LOUT\_MODE\_PULSE  
LOUT\_MODE\_REVERSE

Save Cancel

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MODE\_ZERO means that the logic output will be set to zero

MODE\_ONE means that the logic output will be set to one

MODE\_TOGGLE means that the logic output will be set to zero if it was on one, and to one if it was on zero.

MODE\_PULSE means that on the logic output, the device will send several pulses

MODE\_REVERSE means that the logic output will be set to ?

### Locked button

With this function, you set logic out to high and to low. The difference with “Logic out” function is that if you set the logic out to high, you have then to change the logic out to low, if you want the logic out to go back to low.

### Third party Controls

First on the Basic setting page, choose the network port for the communication :

**Third Party Controls**

Network Controls Service ☒ Enable ☐ Disable

+ Network Port 8010

In the function Libraries page, select third party controls.

Add third party control function :

ATEIS  
DELIVERING YOUR MESSAGE

PPM-ITS, Version 1.0.18.9, 14:58:26  
IT5-101215@192.168.101.215:5060  
IN: Internal / OUT: Internal

Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | **Function Libraries** | Main Window | Volume Control | Codec Registers | GUI

Function: Third Party Controls

Name	Action
NULL	

Add

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Function :

Call : call one device or call devices one by one several devices.

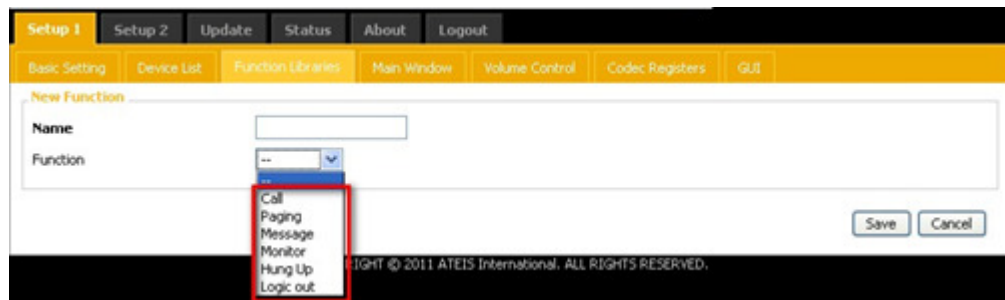
Paging : paging to device.(one or more)

Message : playing message to device..(one or more)

Monitor : monitor a device.

Hang Up : Close the session (Call, paging, Message, Monitor).

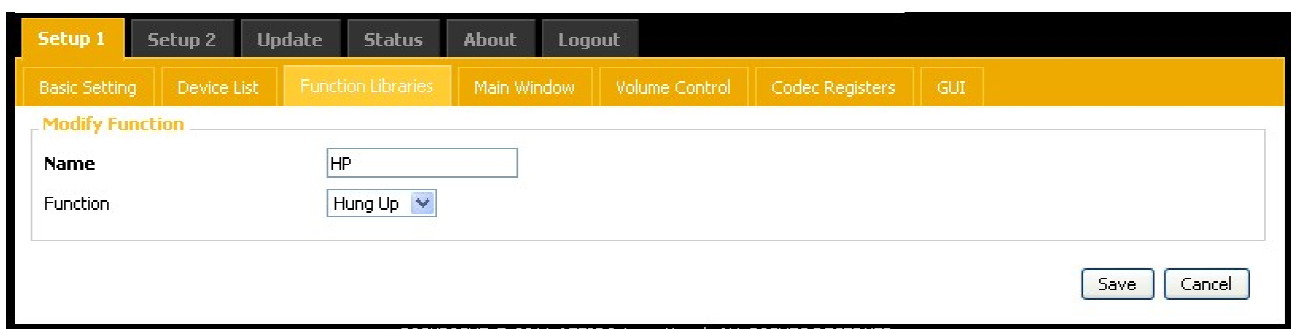
Logic out : control local logic out or remote logic out by sending udp packet.



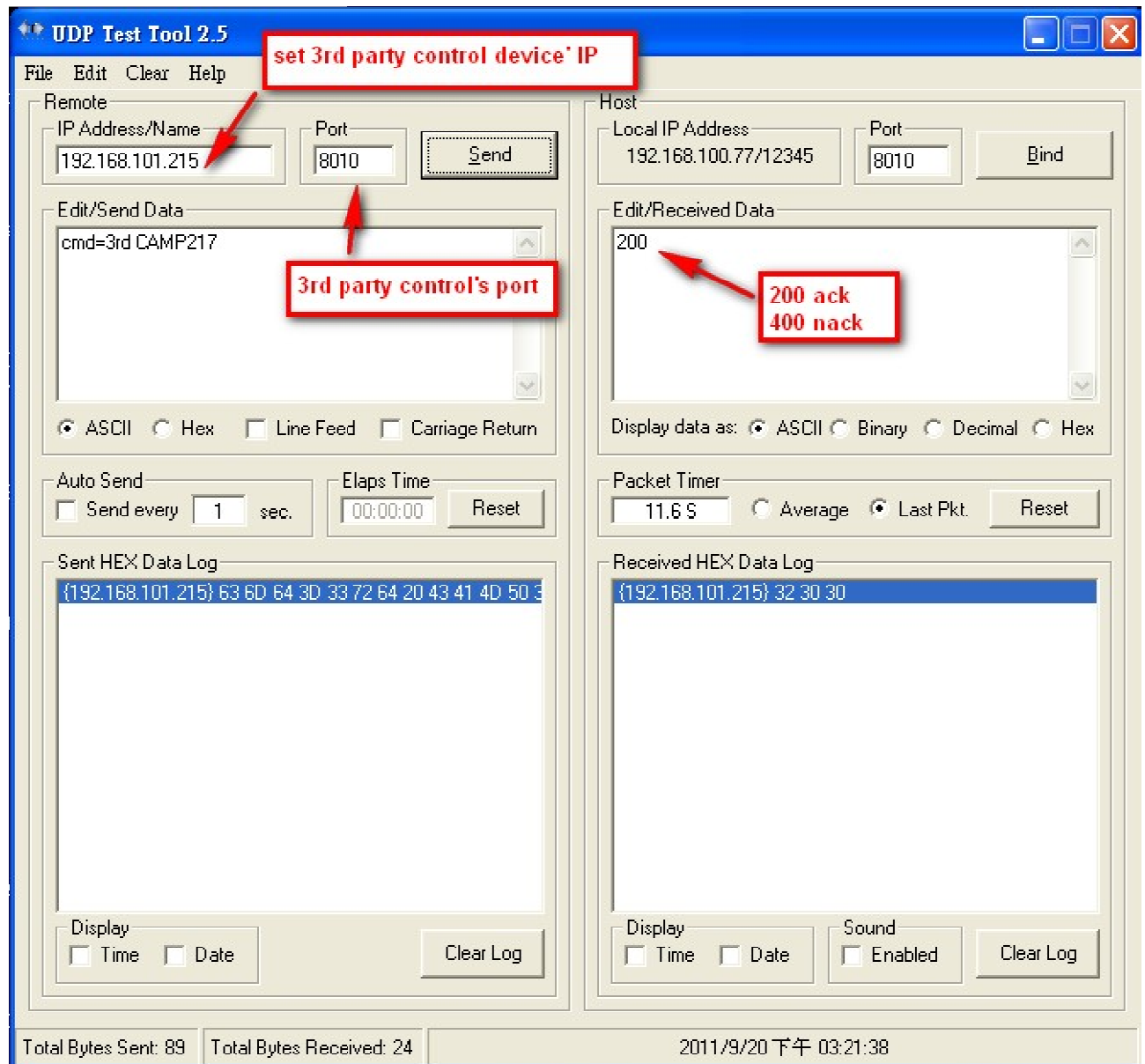
Add call function for example :



And hang up function :



We use this program “UDP Test Tool ” to test :  
string type=> cmd=3rd \_\_\_\_\_, under line is function's name.

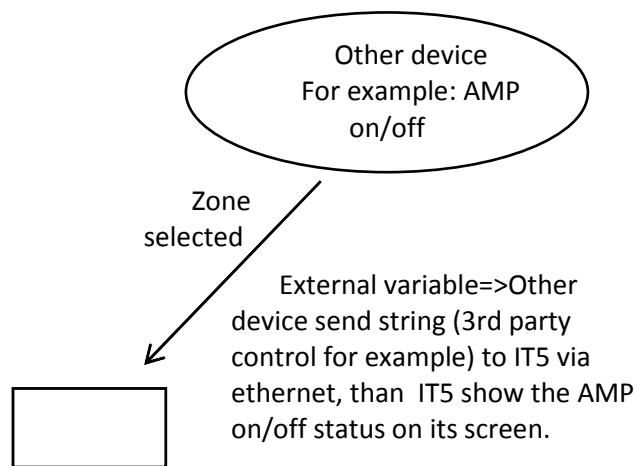


### External Variable

IT5 can display the status of a non-Ateis device.

※AMP mean amplifier device, not terra com-AMP device





### External variable

There are two ways to know the device status:

- one is to trigger command string manually(ask manually),
- another way is: the IT5 asks the device automatically (once 4 seconds)(ask automatically), then wait device reply.

#### • Ask manually

##### Step 1

Add external variable: that is the other side device reply the string to IT5. For example I set 1 and 0.

Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | **Function Libraries** | Main Window | Volume Control | Codec Registers | GUI

Function: External Variable

Name	Action
test	<a href="#">Edit</a> / <a href="#">Delete</a>

Back → **Add**

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Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | **Function Libraries** | Main Window | Volume Control | Codec Registers | GUI

**Modify Function**

Name: test

Type: Logic

+True: 1

+False: 0

Auto Update (4s): --

Variable name

Reply string

4 seconds to ask the device status,  
the device will reply string

Save Cancel

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## Step 2

Add the command string, set for trigger “ask manually” button to other device

Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | Function Libraries | Main Window | Volume Control | Codec Registers | GUI

Function: Command (String) ▾

Name	String	Interface	Action
ask amp status	ask amp status	IP4 192.168.100.77:8111	<a href="#">Edit</a> / <a href="#">Delete</a>

Add

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Modify Function

Name: ask amp status

String: ask amp status

Interface: Network ▾

+ Network IP: 192.168.100.77

+ Network Port: 8111

Mode: Time Out ▾

+ Ans: [ ] -- ▾ Add

+ Time Out: 1000 ms

+ Repeat: 6

test

Save Cancel

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Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | Function Libraries | Main Window | Volume Control | Codec Registers | GUI

Modify Function

Name: ask amp status

String: ask amp status

Interface: Network ▾

+ Network IP: 192.168.100.77

+ Network Port: 8111

Mode: Time Out ▾

+ Ans: #test# -- ▾ Add

+ Time Out: 1000 ms

+ Repeat: 6

Press add button, will add test

It will send a string 1000ms interval, and send a total of six times.

Save Cancel

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### Step 3

Add locked button: for display the status of other device

Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | Function Libraries | Main Window | Volume Control | Codec Registers | GUI

Function: Locked Button

Name	Action
156	<a href="#">Edit / Delete</a>
AMP ON/OFF	<a href="#">Edit / Delete</a>

Add

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Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | Function Libraries | Main Window | Volume Control | Codec Registers | GUI

Modify Function

Name: AMP ON/OFF

Down trigger action: --

Up trigger action: --

Status: test (Add the test variable)

Save Cancel

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### Step 4

Main window setting: The button of IT5 screen

Setup 1 | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | Function Libraries | Main Window | Volume Control | Codec Registers | GUI

Page: Main

Button Function	Button Name
Locked Btn	AMP ON/OFF
Command (String)	ask amp status
Device	AMP-101217

This button is display the answer of the device status

This button is for ask other

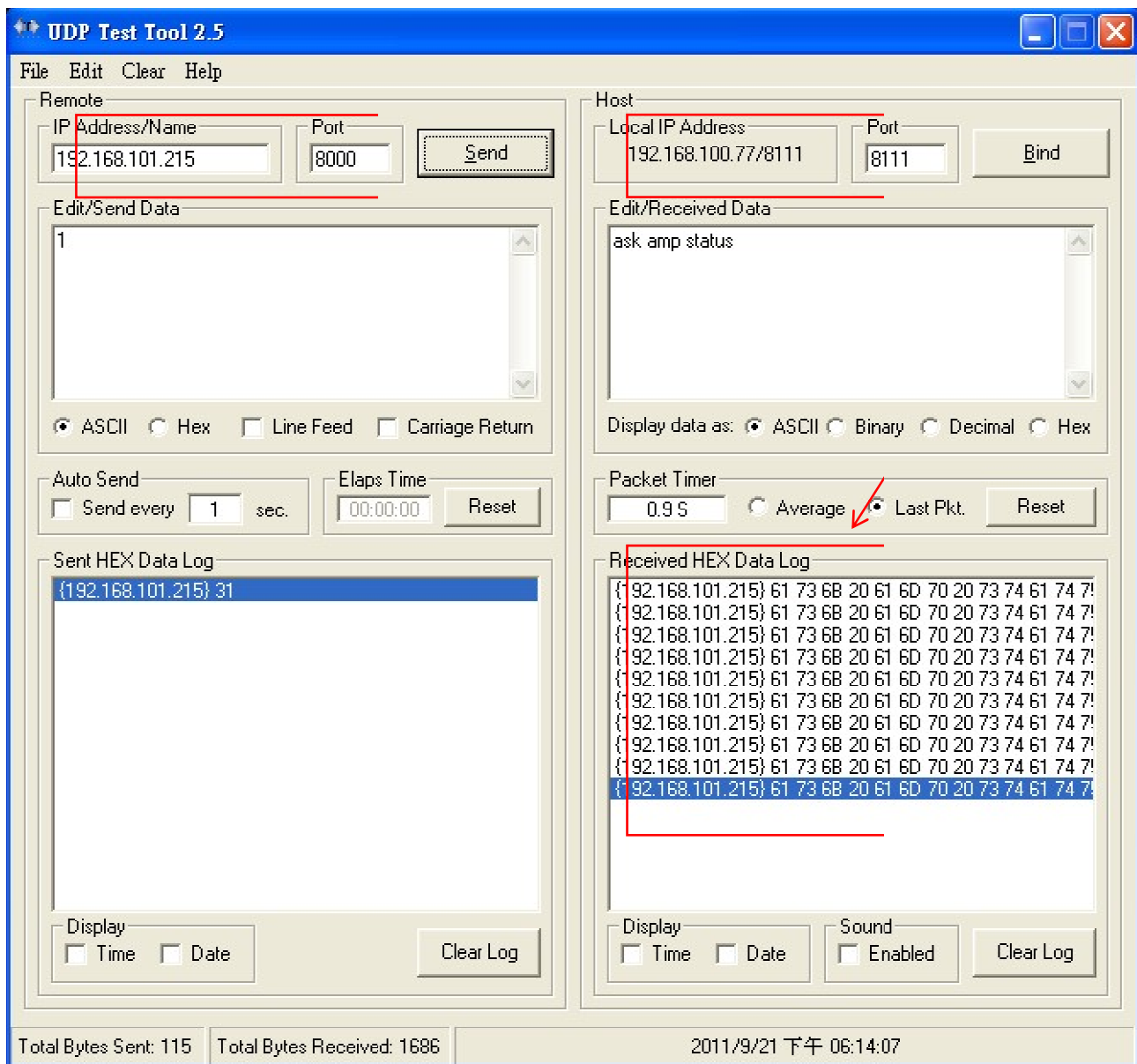
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## Step 5

This UDP software is LAB test software and mean the other device above document(AMP-amplifier)

When in IT5 screen trigger "ask asp status" button, the UDP software will be received and you need to press manually "send " reply 0 or 1.

When reply is 1, "AMP ON / OFF" button of IT5 screen will sink state.



- Ask automatically

==>The set process is the same step 1,2,5

Step 1 need to set “Auto Update(4s)”, automatically detect the item”ask amp satus”

Setup 1 Setup 2 Update Status About Logout

Basic Setting Device List Function Libraries Main Window Volume Control Codec Registers GUI

**Modify Function**

Name test

Type Logic ▾

+True 1

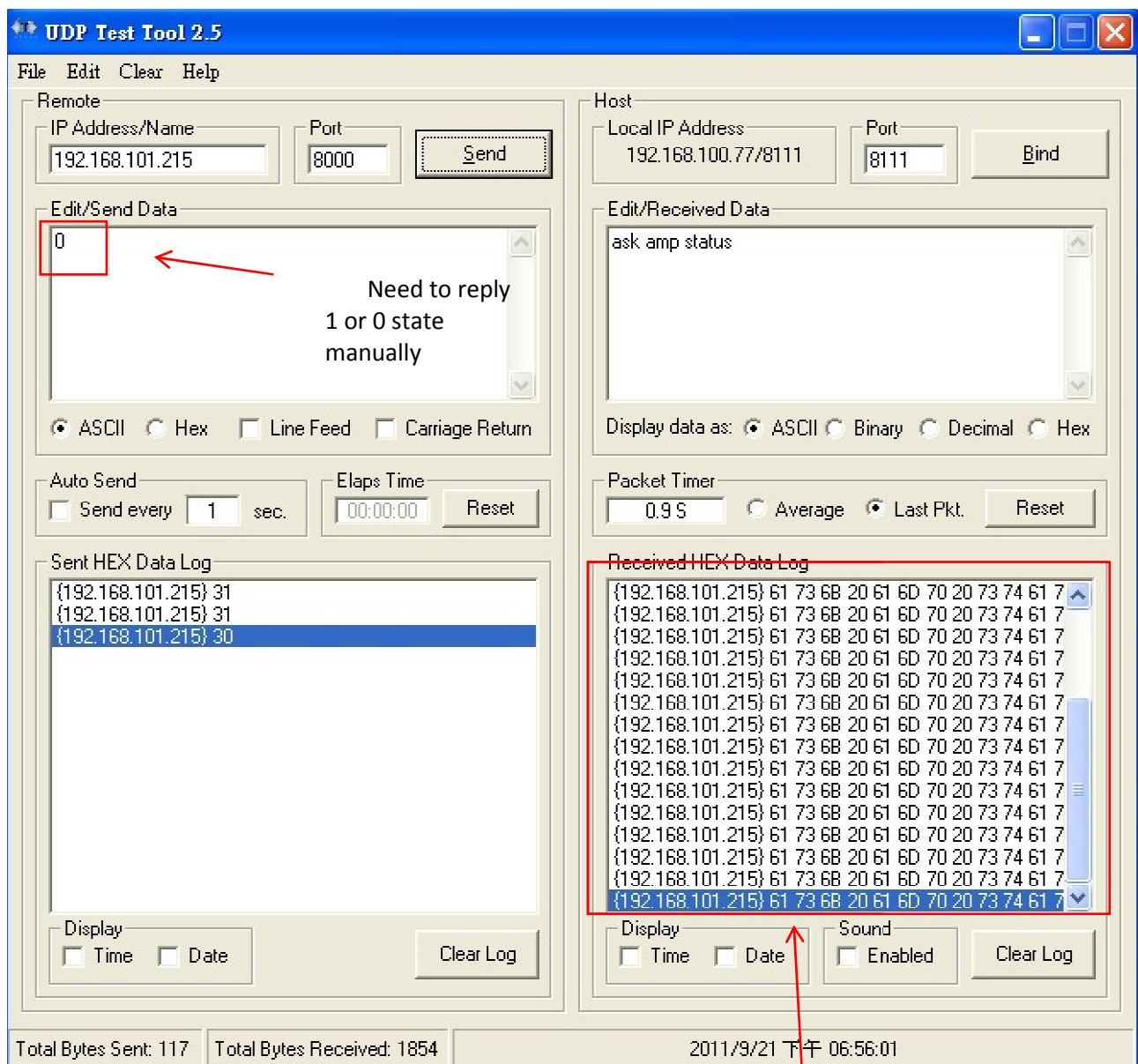
+False 0

Auto Update (4s) ▾

ask amp status

Save Cancel

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UDP software will received inquiry string automatically from ITS



## Audio format

---

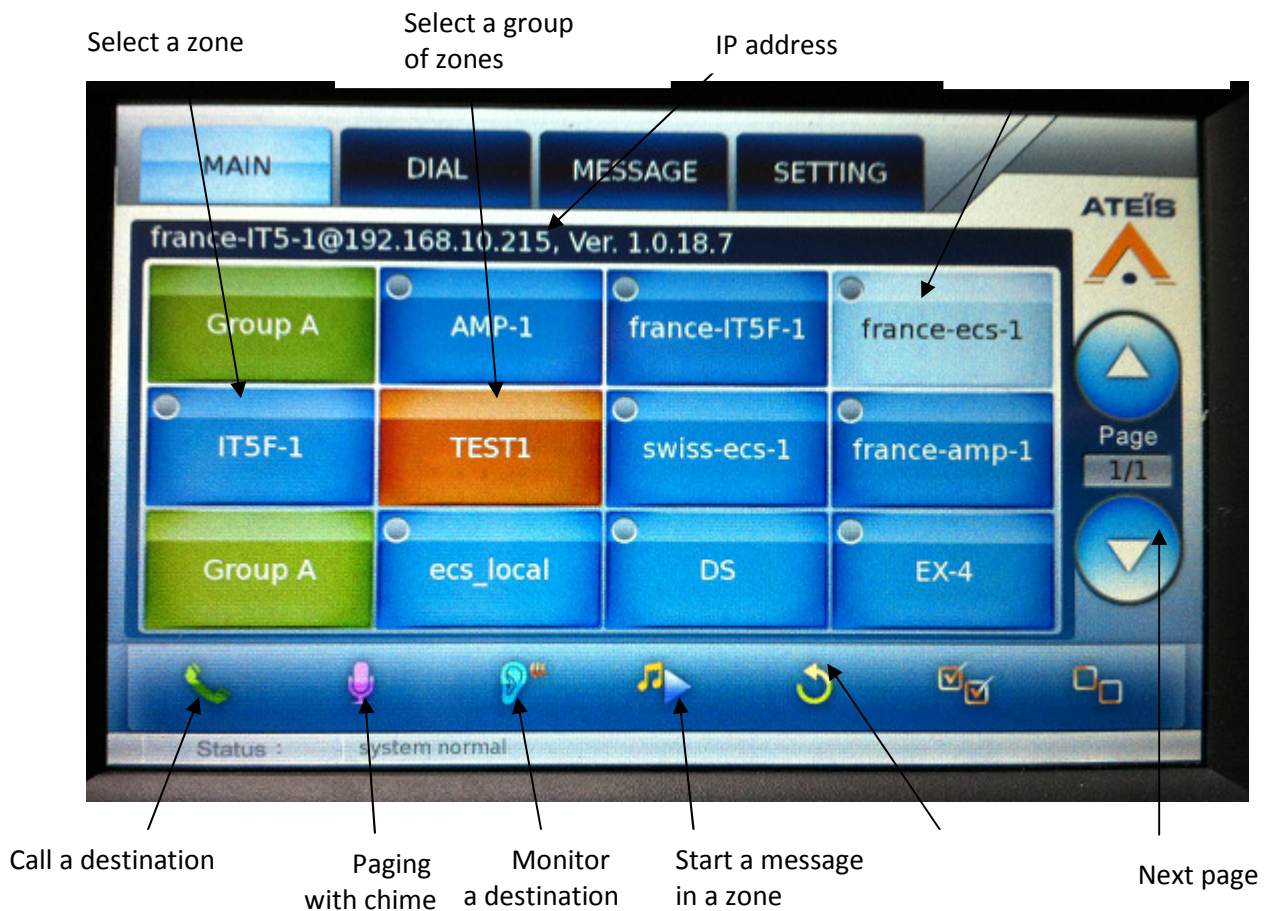
Different audio formats can be coded and decoded by the PPM-IT5.  
The selection is done between G.711 or G.722 or Linear 16bit / 16 kHz.

## Touchscreen

---

### Main

---



## HOW TO

---

### Know its IP address

---

The IP address of the device is written on the touchscreen.

### Add a prerecorded message into the PPM-IT5

---

Into the PPM-IT5, there is 68Mo memory to add .wav files used as prerecorded messages. To add a message into the device, go to:

*Update -> Message -> Upgrade new message file*



## Change the chime

---

To change the chime, go to:

*Update -> Message -> Chime setting.*

Here you can change or disable the post-chime and the pre-chime.

## Set up the time

---

In the PPM-IT5, the time can be set up by the user or automatically by NTP (Network Time Protocol). Go to:

*Setup1 -> Basic Setting -> System Time*

If you choose: enable for the NTP, you will need to give the IP address of the NTP server.

## Start an event with the scheduler

---

- 1- Create in the function libraries page, the function you want to start with the scheduler.
- 2- Verify that the time is properly set up -> Setup 2/ System Time.
- 3- Open the scheduler page: Setup2/Scheduler and link a function to an event.

## Control an ECS with the PPM-IT5

---

You can dial for the ECS with the PPM-IT5. Please check the ECS manual to know the settings in the Ateis Studio Software. The only thing you have to set up in the PPM-IT5 itself is:

*Setup 1 -> basic settings -> dial agent -> agent service -> enable.*

The IP address will be the IP address of your ECS.

## Use the PPM-IT5 with UAPG2

---

### On the UAP side:

---

Make sure that the UAPG2 and the PPM-IT5 are in the same IP range (Factory setting of the UAPG2 is 192.168.100.6 and PPM-IT5 is 192.168.100.1).

Click the PPM Touch block and select a channel on which the PPM-IT5 should work.

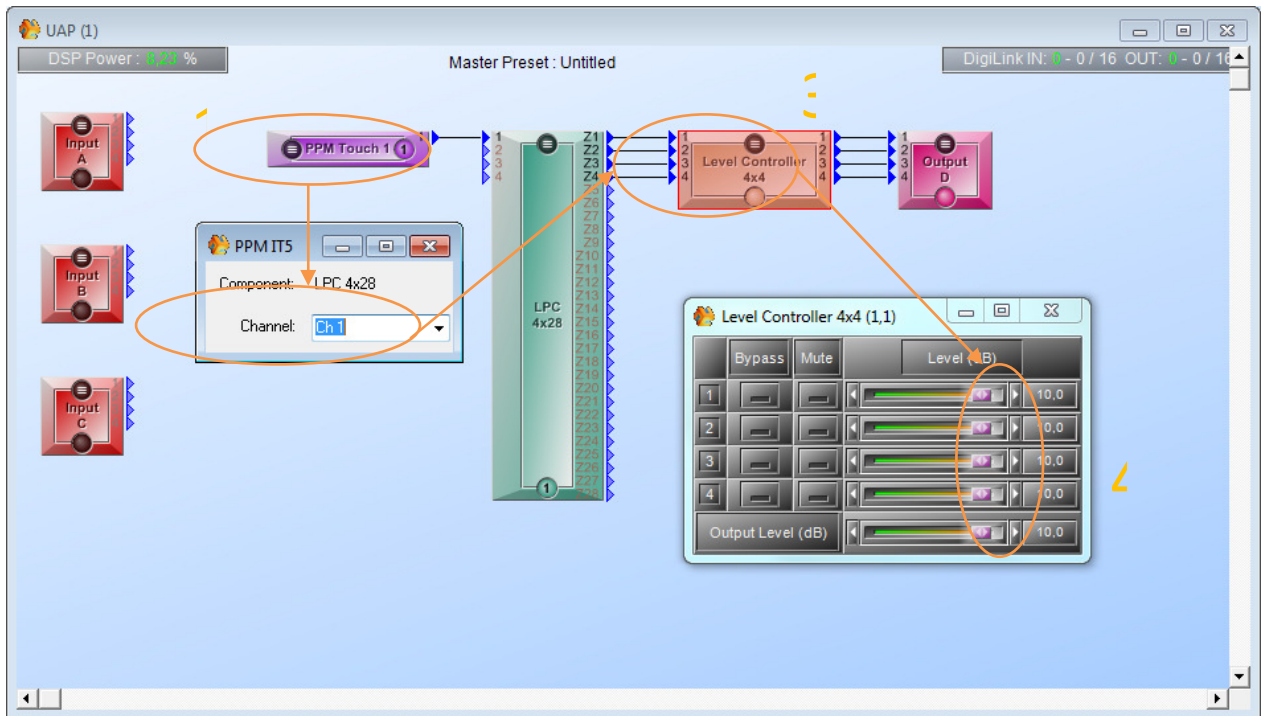
Click the level controller, set the level controller to pervert output level (in this case +10dB)

Compile and store.

This is all the needs to be done in the UAPG2 to make the connection.

Selection of the Zones will be done in the PPM-IT5.





## On the PPM-IT5 side

All the audio codec's can be used

PPM-IT5, Version 1.0.18.9, 01:42:19  
PPM-IT5@192.168.100.1:5060  
IN: Internal / OUT: Internal

**Setup 1** | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | Function Libraries | Main Window | Volume Control | Codec Registers | GUI

**Network**

IP Address: 192.168.100.1  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.100.254  
DNS: 192.168.100.203

**System Time**

Location: Europe/Amsterdam  
Date/Time: [Setting...](#)  
NTP Client Service: ☐ Enable ☒ Disable

**Family Status**

Status Notify Service: ☐ Enable ☒ Disable

**Dial Agent**

Agent Service: ☐ Enable ☒ Disable

**Third Party Controls**

Network Controls Service: ☒ Enable ☐ Disable  
+ Network Port: 8010

**SIP**

Firewall Traversal Mode: ☐ SIP Server ☒ TERRA Net  
+ Username: PPM-IT5  
SIP Port: 5060  
RTP Port: 6912  
Device Priority (for IDAS): 1  
Audio Codec: G.711  
Paging Mode: IGMP  
Time to Stop Ring: 0 sec

Save Cancel

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Check if the gain of the microphone on the PPM-IT5 is high enough and press save.

PPM-IT5, Version 1.0.18.9, 01:39:32  
PPM-IT5@192.168.100.1:5060  
IN: Internal / OUT: Internal

**Setup 1** | Setup 2 | Update | Status | About | Logout

Basic Setting | Device List | Function Libraries | Main Window | Volume Control | Codec Registers | GUI

**Audio Codec**

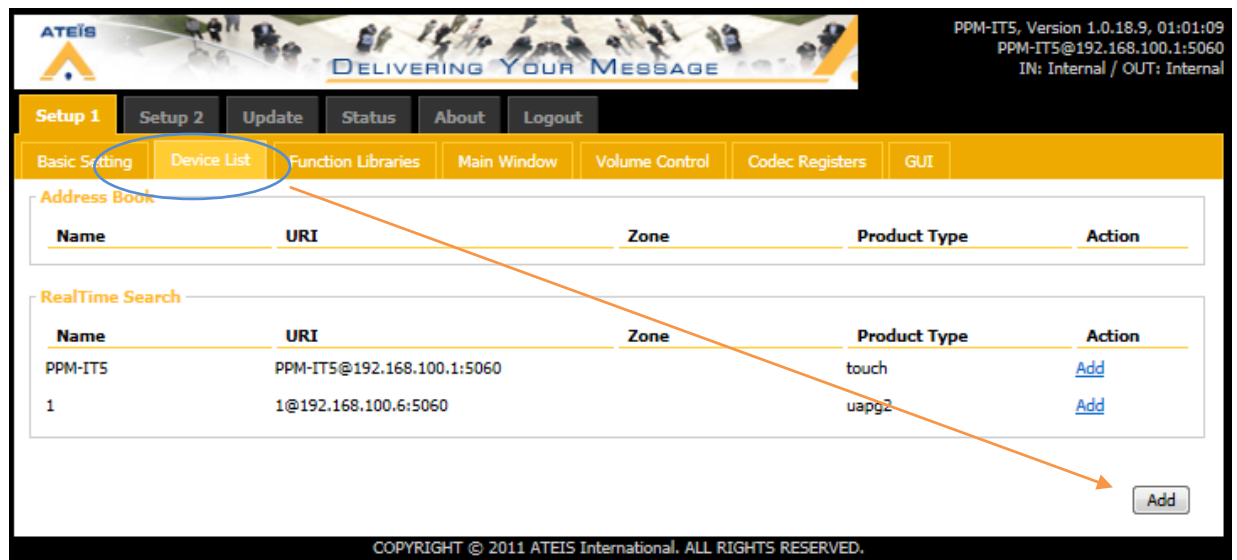
**Control Registers**

Left ADC PGA Gain: Gain = 28.0-dB  
MONO\_LOP/M Output Level: Output level control = 0-dB

Save Cancel

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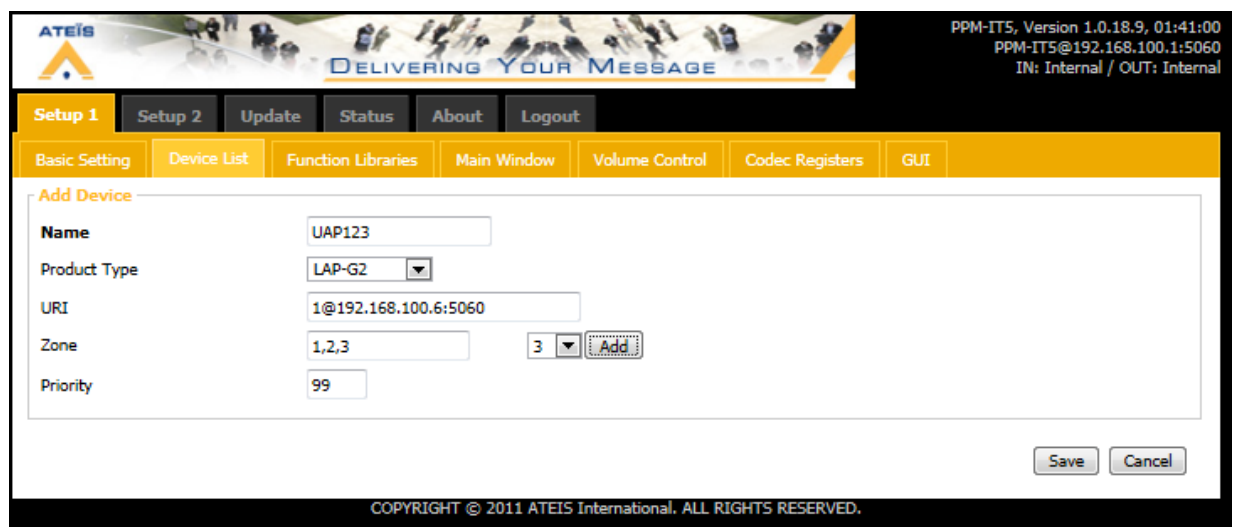
Click on the device list. If the UAPG2 is programmed correctly it will be shown in the realtime Search window. Press "Add". If the name of the device (before the @192.....:5060) need to be changed, modify it.



In this window, you will set up the zones that you will access on the UAP. Up to 16 zones can be selected on the UAP.

The name of the function is the label written on the button which will appear on the PPM-IT5 touchscreen.

The product type selected for an UAP is "LAP-G2".



In the address book a new line is added with the information in it.

ATEIS DELIVERING YOUR MESSAGE

PPM-ITS, Version 1.0.18.9, 01:01:39  
PPM-ITS@192.168.100.1:5060  
IN: Internal / OUT: Internal

Setup 1 Setup 2 Update Status About Logout

Basic Setting Device List Function Libraries Main Window Volume Control Codec Registers GUI

Address Book

Name	URI	Zone	Product Type	Action
uap123	1@192.168.100.6:5060	1,2,3	lapg2	<a href="#">Edit</a> / <a href="#">Delete</a>

RealTime Search

Name	URI	Zone	Product Type	Action
PPM-ITS	PPM-ITS@192.168.100.1:5060		touch	<a href="#">Add</a>
1	1@192.168.100.6:5060		uapg2	<a href="#">Add</a>

[Add](#)

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To add a function to a button in the main window add a button and select in the prior button function button name device and the name of the button in the pulldown menu.

ATEIS DELIVERING YOUR MESSAGE

PPM-ITS, Version 1.0.18.9, 01:06:42  
PPM-ITS@192.168.100.1:5060  
IN: Internal / OUT: Internal

Setup 1 Setup 2 Update Status About Logout

Basic Setting Device List Function Libraries Main Window Volume Control Codec Registers GUI

Page: Main

Button Function	Button Name
Device	UAP123
Device	UAP34
Device	UAP123

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Make a paging group (more than one device with different IP addresses)

ATEIS DELIVERING YOUR MESSAGE

PPM-ITS, Version 1.0.18.9, 23:03:57  
PPM-ITS@192.168.100.1:5060  
IN: Internal / OUT: Internal

Setup 1 Setup 2 Update Status About Logout

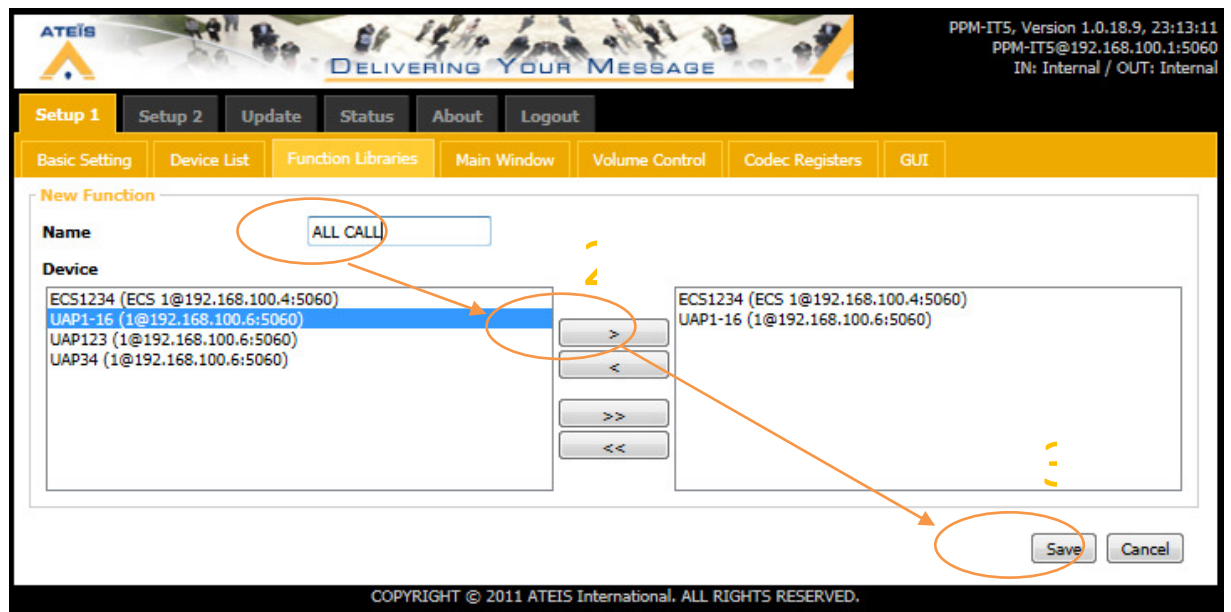
Basic Setting Device List Function Libraries Main Window Volume Control Codec Registers GUI

Function: Device Group

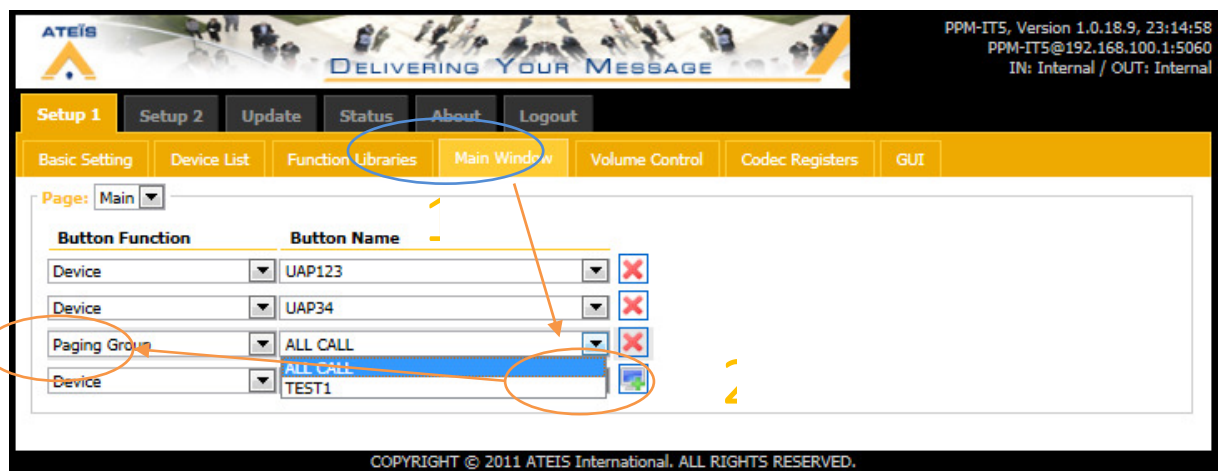
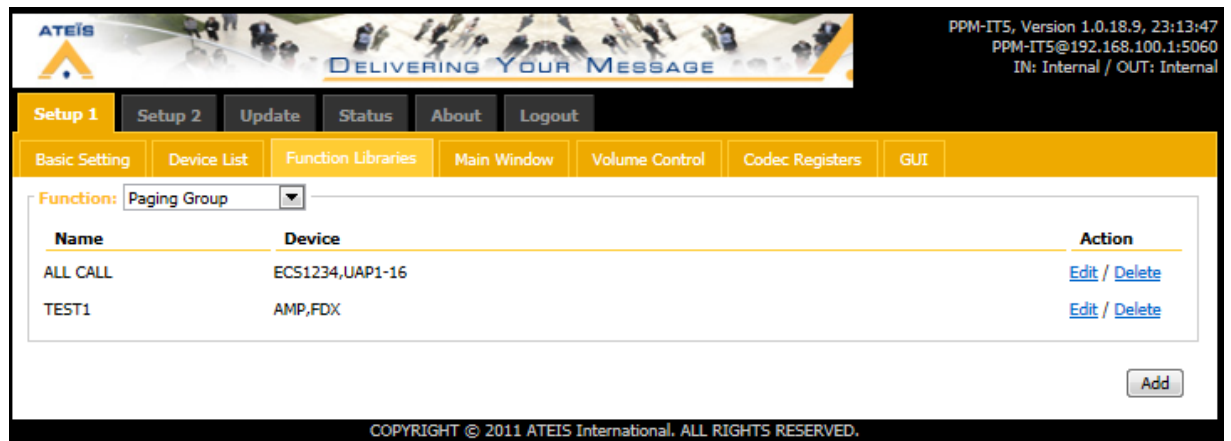
Name	Device	Action
123	123	<a href="#">Edit</a> / <a href="#">Delete</a>
uap2_123		<a href="#">Edit</a> / <a href="#">Delete</a>

[Add](#)

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Result

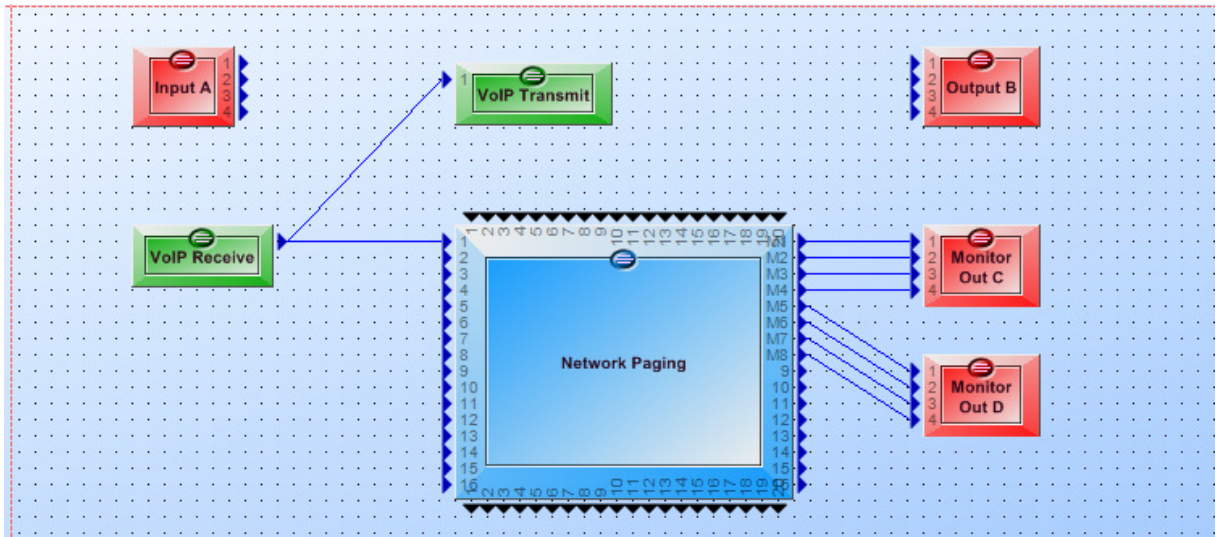


Now there are 3 buttons on the PPM-IT5 touchscreen with one of the buttons as all call.  
Done

## Use the PPM-IT5 with IDA8

### On the IDA8 side:

To test the communication between the IDA8 and the PPM-IT5, implement this configuration in the IDA8 with the software Ateis Studio.



Open the VoIP Transmit component, and enter the RTP & SIP port. Choose the codec and the name. Be careful, all these settings must be exactly the same in the IT5.

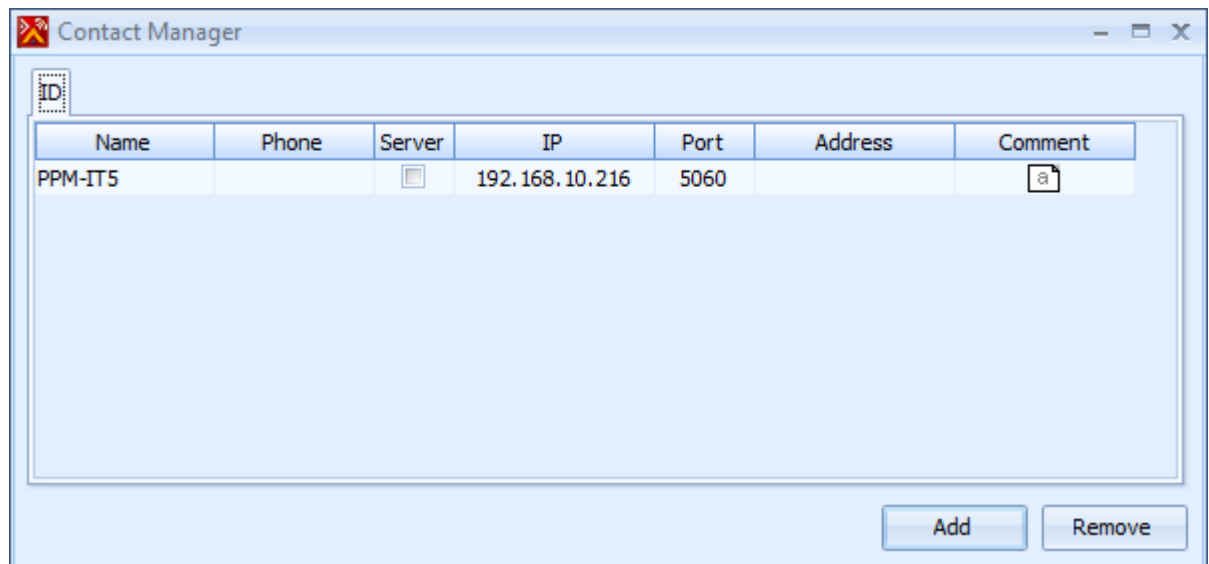
The server settings are necessary if you use a SIP server.

The screenshot shows the 'Settings' window for 'IDA8C1'. The window has a title bar with a red icon and the text 'Settings'. The settings are organized into a grid of fields:

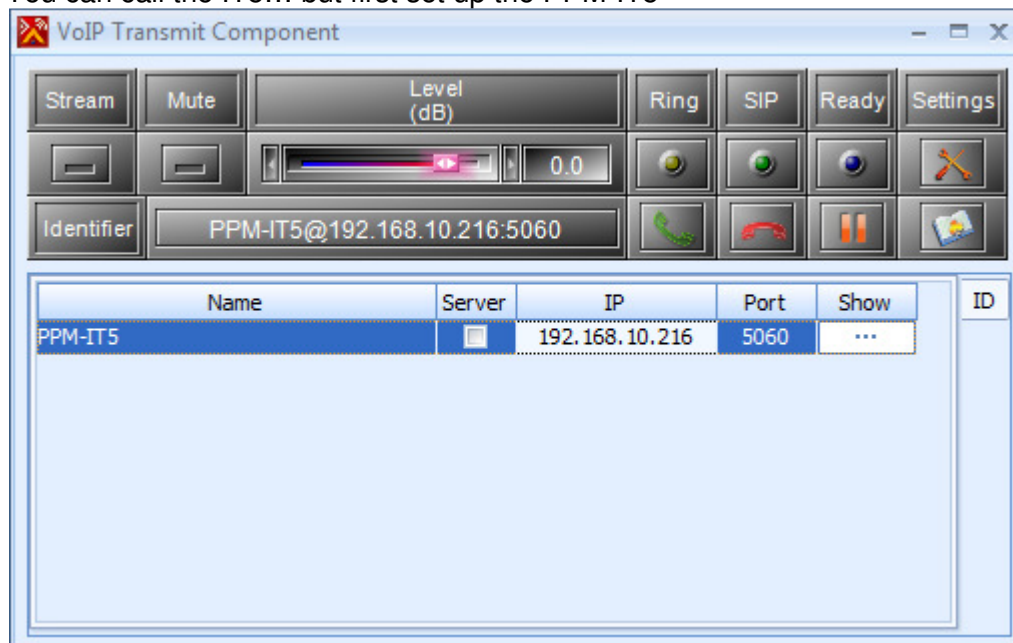
Name		Server	
RTP Port	6912	IP	0.0.0.0
SIP Port	5060	User ID	
Codec	L16	Password	
Buffer	20	Router IP Address	
Agent IP		IP	127.0.0.1

In the contact manager, add the PPM-IT5 (name + IP address). Again the name must be the exactly name given in the IT5's webpage.





You can call the IT5... but first set up the PPM-IT5



On the PPM-IT5 side:

First add in the Address Book the IDA8.