



ICgraph usage :

On ICgraph startup the Voice button is already activated by macro, this is always necessary for intercom functionality, so don't switch it off.

For intercom functionality the Barix Annuncicom should first ring (activate Input 0), then on ICgraph the point button for the according device will change his color to magenta (blinking) and a ring sound will be audible.

To start the communication click on the blinking Point button, the color will change to yellow. Now you can talk to the Annuncicom. To let the Annuncicom talk to ICgraph make a double-click on the yellow point button, this will change color to green and changes the communication direction. A double-click always changes the communication direction (and button color between green and yellow). Now you can also press the „Relay Open“ button to switch the relay for 3 seconds.

A single click on the yellow button will finish the communication.

ICgraph configuration :

ICgraph is currently set to auto-discover the IP address of the Barix devices in the network.

The Point button requires the ID (e.g. =51) of the BARP target device. This must be the same ID number as defined in the Barix device setup (under „Station-ID“). In the example below is no IP address or a port number defined, because ICgraph will discover the IP address in a LAN and the default port number from ICgraph main configuration.

Example for the Point buttons :

PB:ID=51:196:47:0130:33:::

The name of the button can also have a different name, but it must always contain the ID= and the number.
e.g.

PB:Door I#ID=51:196:47:0130:33:::

This will display „Door I“ on the button and hide ID=51, but ID number 51 is still assigned for this button.

Details for that and to all other questions about ICgraph are contained in the ICgraph manual.

The configuration of ICgraph can be changed over Menu (click with right mouse button into ICgraph) or by editing the ICgraph.cfg file with any editor (e.g. notepad).



Configuration Annunicom for ICgraph Intercom functionality :

The Intercom functionality over BARP protocol requires the usage of the Iclient software, which is also contained in the software package. Please make sure this is loaded on the Annunicom.

On the Annunicom's web setup select under „SETTINGS“ - “APPLICATION“ the item „Intercom Client“ from the pull-down menu and click on „Apply“.

The following screenshot shows the importantst settings:

AUDIO	
Encoding	<input type="text" value="uLaw / 8 kHz (G.711)"/>
Input Source	<input type="radio"/> Line <input checked="" type="radio"/> Mic
Half/Full Duplex	<input type="radio"/> FDX <input checked="" type="radio"/> HDX
Use AI_Phone	<input checked="" type="radio"/> No <input type="radio"/> Yes
Microphone Gain	<input type="text" value="21"/> dB
A/D Amplifier Gain	<input type="text" value="0"/> dB
Volume	<input type="text" value="95"/> %
Min Paging Volume	<input type="text" value="50"/> %
I/O	
Relay	<input type="text" value="always off"/>
OUTGOING CALL	
Call next master if no reply	<input checked="" type="radio"/> No <input type="radio"/> Yes
Auto hang-up call after	<input type="text" value="30"/> secs
STREAMING	
Device Name	<input type="text"/>
Call Masters by	<input checked="" type="radio"/> IP Address <input type="radio"/> BARP ID
Master Station 1 IP	<input type="text" value="192"/> . <input type="text" value="168"/> . <input type="text" value="110"/> . <input type="text" value="172"/>
Master Station 2 IP	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Master Station 3 IP	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Master Station 4 IP	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Station ID	<input type="text" value="51"/>
Destination ID for Sending the Custom Command	<input type="text" value="0"/>

Encoding = ulaw/8 kHz

because it is used in the ICgraph config example

Half/Full Duplex = HDX

because only HDX works in this mode

Use AI_Phone =

If you have a Annunicom200 with Ai_Phone connected then select „Yes“, otherwise „No“ .

Relay = always off

When you want switch the relay from ICgraph

Auto hang-up call after =

defines the time how long the Annunicom will wait for intercom communication after ring. So long also ICgraph will play ring sound.

Master Station x IP =

Must be the IP address of the ICgraph PC.

Station ID =

must be the ID number of the ICgraph point button

When you have set all the settings then click on „Apply“ to save the settings. The device will now reboot with new settings.