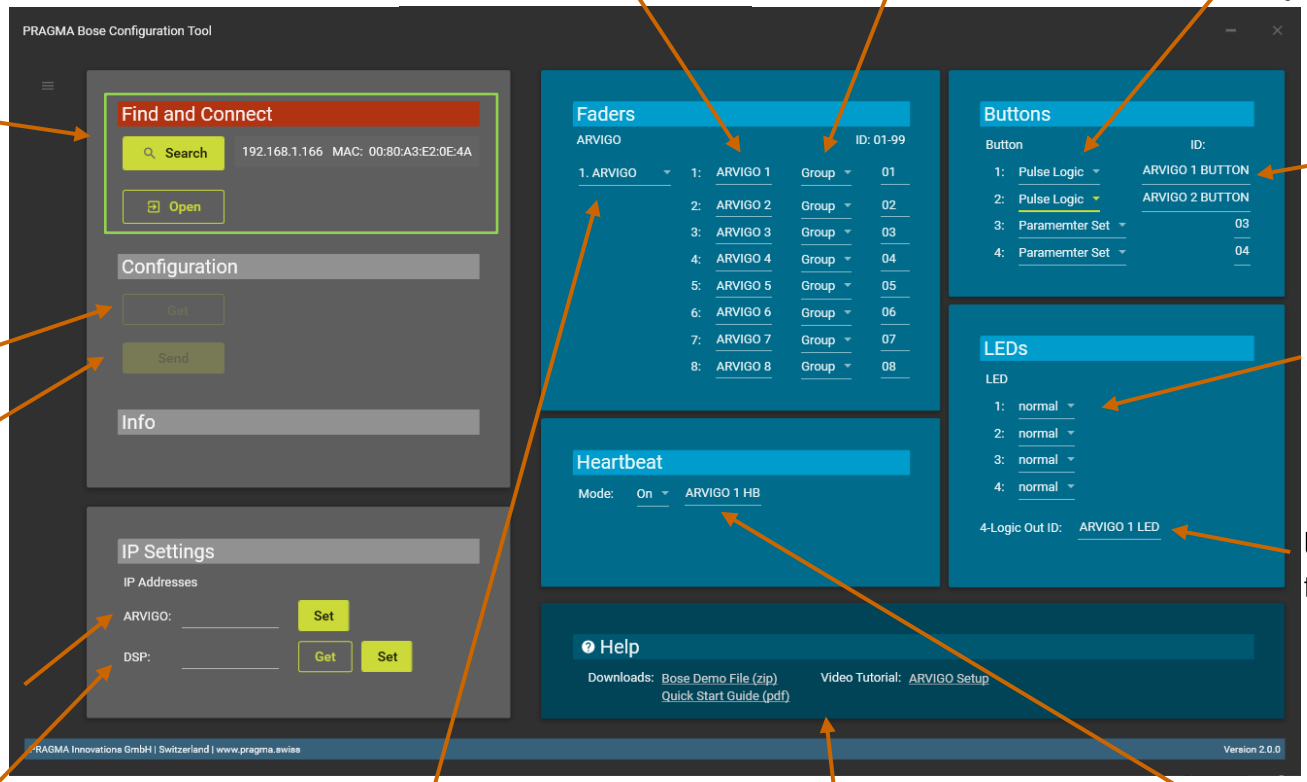
PRAGMA
INNOVATIONS

ARVIGOnano 3

Quick Start Guide Bose®

1 Setup ARVIGOnano

1.1 Software overview



DSP Gain Block name

Fader definition

Button definition
(Logic EX-Series only)

Find ARVIGOnano in LAN, connect and disconnect.

Gain block name, Preset ID number or logic block name

Retrieve ARVIGOnano settings.

Send settings to ARVIGOnano.

LED settings
(for ESP-Series)

logic out block name for LED (EX-Series only)

Define ARVIGOnano IP address. (Default: DHCP)

Define DSP address.

If more than one ARVIGOnano is connected to a DSP, pre-defined names can be switched here (Fader/Button/LED).

Technical support

Heartbeat On/Off
(logic input block name, EX-Series only)

1.2 ARVIGOnano configuration

a. Click on the "**Search**" button to search your network for connected ARVIGOnano's.

b. Select the desired IP address in the find field and connect to the ARVIGOnano by clicking on the „**Open**" button.

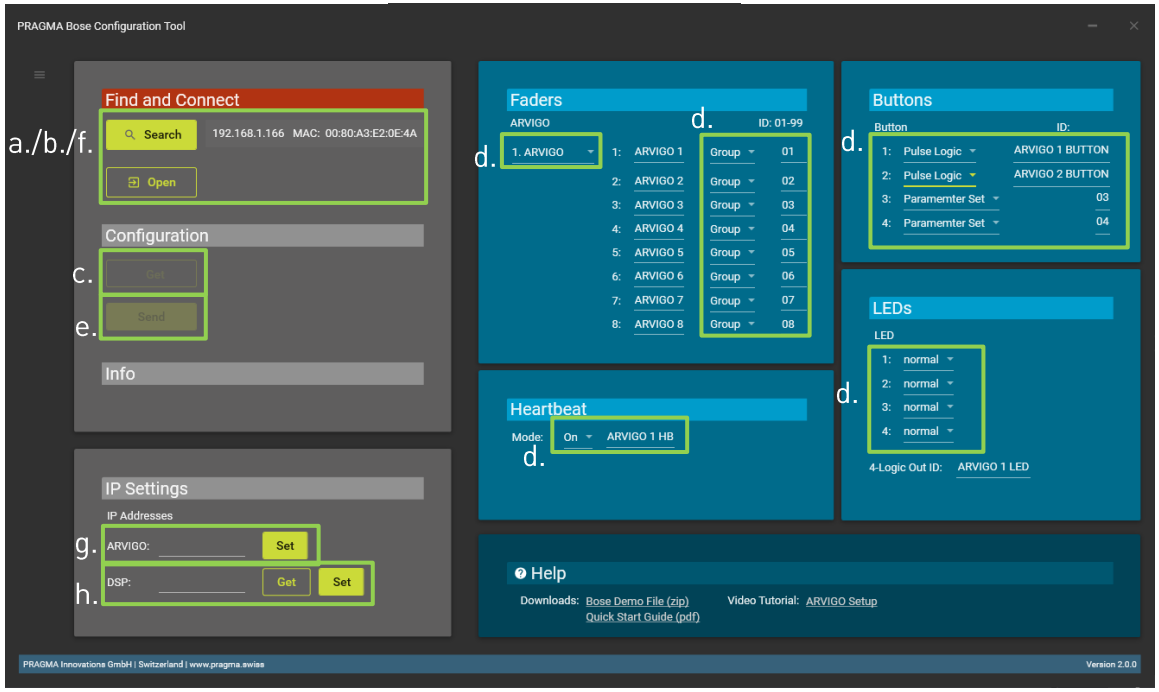
c. by clicking the „**Get**" button you will retrieve the values saved in the ARVIGOnano (auto get values after connection is established).

d. Define the desired parameters.

e. Press „**Send**" in order to save the settings in your ARVIGOnano.

f. Disconnect from ARVIGOnano.

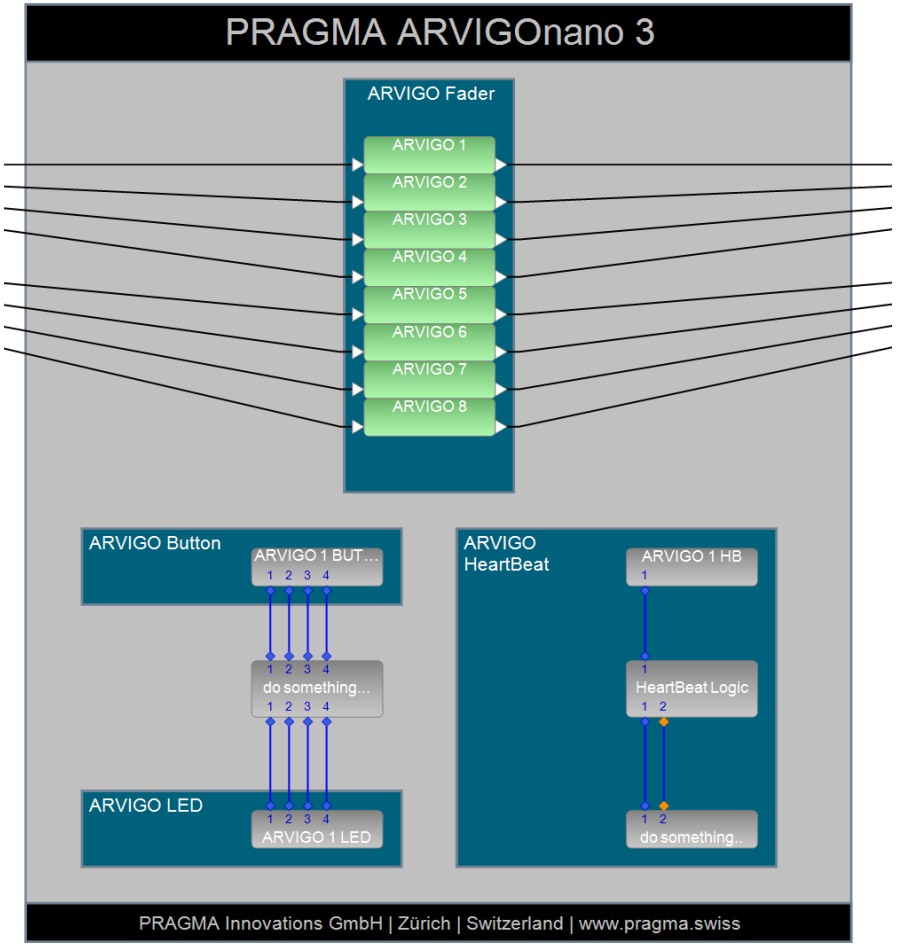
g. Assign new IP address (Default: DHCP).



h. Define and retrieve configured IP address of your remote DSP.

2 Setup DSP EX-Serie

Use the prepared DSP blocks from the demo file in your design. As long as there is only *one* ARVIGO in the same system, you do not have to adjust anything in the ControlSpace Designer.



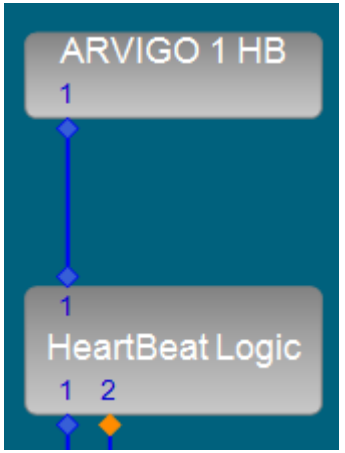
If you are using more than one ARVIGO in the same system or if you have already drawn the ControlSpace file, you can proceed as follows.

1. Assign the fader names specified in the software to the desired level blocks (e.g., ARVIGO 1).

2. Assign the button name specified in the software to a 4-way logic input block (e.g., ARVIGO 1 BUTTON). The ARVIGO button sends a logic HIGH as soon as it is pressed and a logic LOW as soon as it is released again. You can set up any logic circuit between the button input and the LED output.

3. Assign the LED name specified in the software to a 4-way Logic Output Block (e.g., ARVIGO 1 LED). If a Logic Out switches to HIGH, the button LED on the ARVIGO lights up and goes out if a Logic LOW is present.

4. Assign the heartbeat name specified in the software to a single logic input block (e.g., ARVIGO 1 HB). The heartbeat logic module generates a logic HIGH at output 1 as long as the ARVIGO is connected. If the ARVIGO is disconnected from the DSP, a logic LOW is generated. So, you can recoginze whether an ARVIGO is connected or not.



3 Setup DSP ESP-Serie

Use the prepared DSP blocks from the demo file in your design. As long as there is only *one* ARVIGO in the same system, you do not have to adjust anything in the ControlSpace Designer.

If you are using more than one ARVIGO in the same system or if you have already drawn the ControlSpace file, you can proceed as follows.

1. Assign the fader names specified in the software to the desired level blocks (e.g., ARVIGO 1).

2. The buttons can be used as follows:
    a. Preset Recall
    b. ARVIGO Fader Block Mute
    c. separate Mute Block (Gain Block)

3. If a button is used as mute, the LED control can be inverted (e.g., zone activation can be signaled).

4 EC Declaration

EC Declaration of Conformity

PRAGMA Innovations GmbH, as manufacturer having sole responsibility, hereby declares that our delivered version the following described product complies with the applicable provisions of the DIRECTIVES below execpt as noted herein. Any alterations to the product not agreed upon and directed by PRAGMA Innovations GmbH will invalidate this declaration.

Brand Name:	ARVIGO
Product Description:	Remote Audio Controls for Networked Audio DSP Platform.
Models:	ARVIGOnano, ARVIGOnano R8, ARVIGOnano R12, ARVIGOnano R16, ARVIGOnano R20

Applicable EC Directives:

- LVD Direcitve (2006/95/EC)
- EMC Directive (2004/108/EC)
- RoHS Directive (2011/65/EU)

Special Considerations for Product Environment or Compliance:

- Use only PoE Insertion Devices that are CE Marked, certified to local regulations, and appropriately rated Type 1 PoE or Type 2 PoE Plus (IEEE 802.3at).
- Shielded cabling must be used for system connections.

Manufacturer, Location and Contact:

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