

Akuvox:

2 Wire Offline Programming without NS-2 and Documentation

Here are the steps necessary for programming the 2 wire devices when the NS-2 will not be connected to a network, for your reference.

Most important, you must log into and update at least one device to the latest firmware so it can give out network to the other devices.

Firmware version : 212.30.6.60 

The option will appear on the device to select which operating mode the device should be in after the firmware update.

Follow the instructions below to enable DHCP server mode from the main device. This device must either be wired to a computer/network or on wi-fi to gain initial access from a web interface on a computer.

On Indoor Monitor

1. During the initial setup, select Device Working Mode from three options: Master Mode, Slave Mode, or Auto. The default is Auto.
2. If click Skip in the left bottom corner to skip the configuration, the working mode would be Auto by default.

On Web Interface

1. Go to Device Setting > Basic > Device Working Mode.
2. Select among Master Mode, Slave Mode, and Auto.
3. Click Submit to validate the configuration.

Tip:

When a device uses Auto mode, it will search for the master in the same network. If there is no result, it itself will act as the master; or it will serve as a slave device. If there is more than one Auto-mode device in the same network, then any of them would be selected as master randomly.

Note:

When selecting Master Mode, the master device needs to scan and display the available slaves on the current interface.

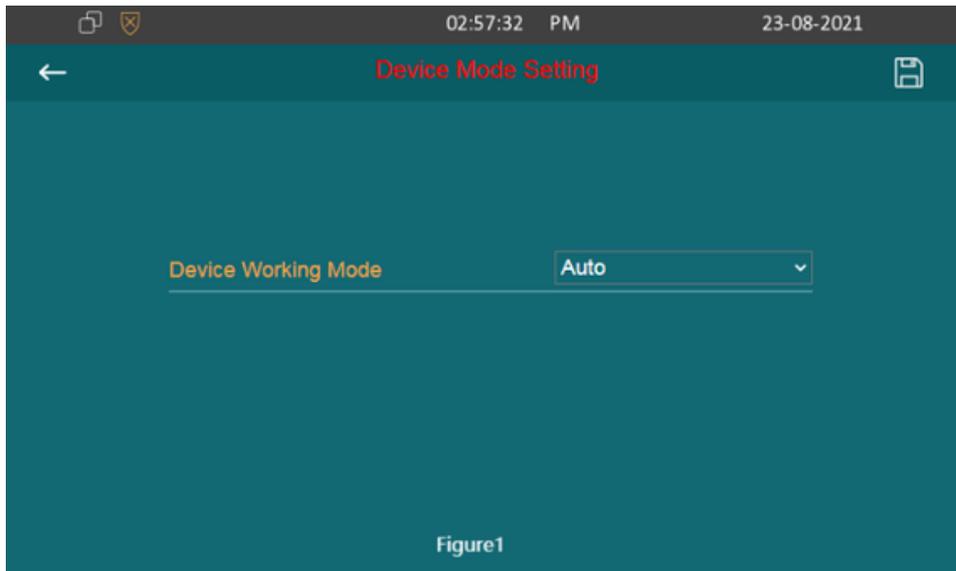


Figure1 corresponds to the step of the indoor monitor.

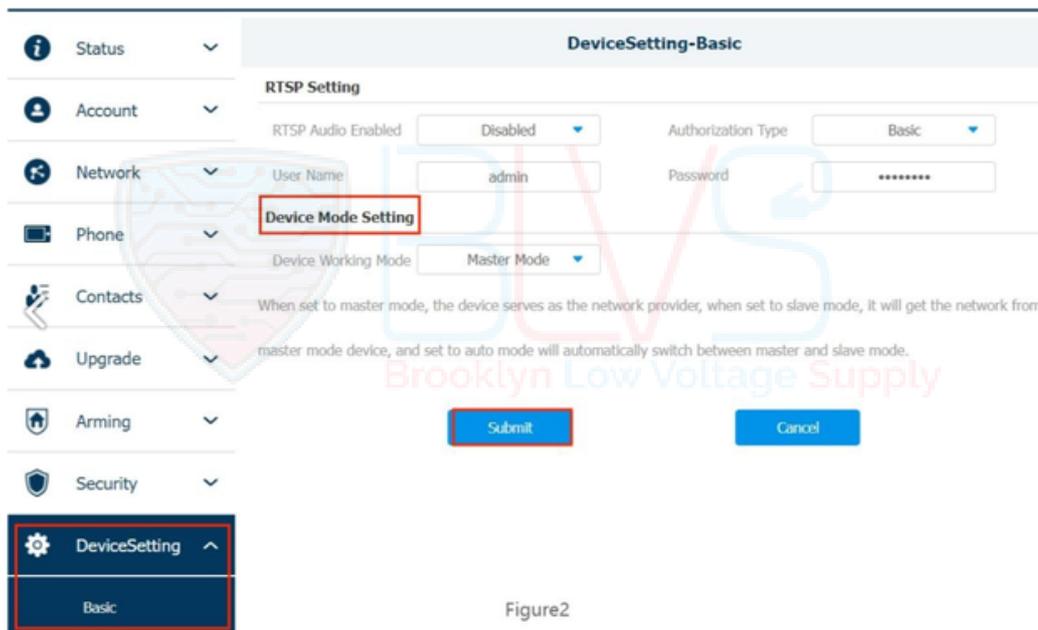


Figure2 corresponds to the step of the web interface.

Once you have done this, you may disconnect your devices from the computer/network unless you intend on doing more programming from the web interface.

The devices will not automatically discover each other.

The slave devices will obtain an IP address in the network of 10.0.0.1/24 so you will need to statically set your main device to a 10.0.0.x IP address OR match your slave devices IP addressing to your master device to match the other devices so they may communicate locally.

From here you can make your local contact list on all devices.

NOTE

The doorbell must be programmed from the web interface, as there is no way to program the IP addressing on the device itself. The doorbell will also get a 10.0.0.x IP address from the master device, so you will need to program it accordingly.

Below is the link for the wiring diagrams for the devices. You can wire each device directly to a PLC port or daisy chain multiple devices to each other using the PLC ports. You can only use up to 6 devices on one 48V daisy chain.

<https://techsupport.blvs.com/hc/en-us/articles/6023236336788-Akuvox-2-Wire-Diagram>



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