



AIPHONE AC-HOST Embedded Server User Guide

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Introduction

The AC-HOST is an embedded Linux server that provides a dedicated device to run the AC Nio management software for the AC Series. This guide only covers how to configure the AC-HOST. The AC Series Quick Start Guide and AC Key Programming Guide cover programming AC Nio itself once the AC-HOST has been configured.

 AC-HOST can support a maximum of 40 readers. For larger systems, run AC Nio on a Windows PC.

Getting Started

Connect the AC-HOST to its USB-C power adaptor and to the network with an ethernet cable. The AC-HOST will power up and the LED status indicator on the right will glow a solid green once it is ready to access.


By default, the AC-HOST will be assigned an IP address by the network's DHCP server. The MAC address, located on a sticker on the bottom of the device, can be cross referenced on the network to discover the IP address.

Assigning a Static IP Address

If there is no DHCP server available, it is possible to use a static IP address instead.

1. Press and hold the button on the right side of the AC-HOST. The LED will turn off.
2. Continue to hold the button for 5 seconds until the LED turns blue, then release the button.
3. The LED will flash blue. Press the button for 1 second while it is flashing.
4. The LED will flash blue 5 more times to confirm that the AC-HOST has been set to static.

The IP address will now be set to 192.168.2.10. A new IP address can be assigned in the AC-HOST's System Manager interface.

 These steps can also be used to revert an AC-HOST with a static IP address back to using DHCP. After performing Step 4, the LED will flash magenta to show that the change has been applied.

Accessing The System Manager

On a computer connected to the same network as the AC-HOST, open a web browser and navigate to

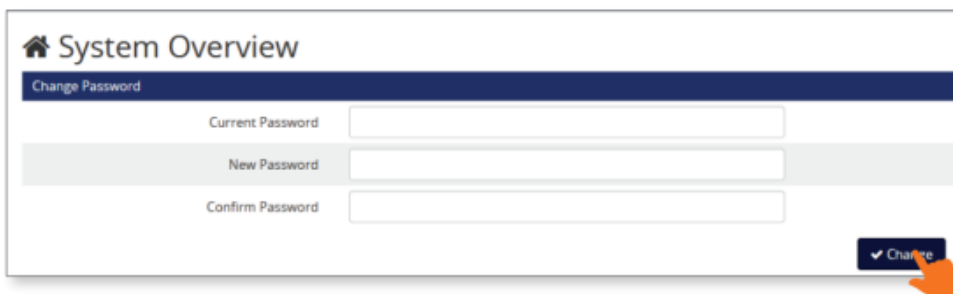
https://ipaddress:11002. A security page may appear, with the appearance depending on the browser used. Follow the prompts to dismiss the security alert and to proceed to the page.

A login screen will appear. The default username is ac and the password is access. Click [Login](#) to continue.

The image shows the 'System Manager' login interface. At the top, there's a header with the 'System Manager' logo and a note: 'Notice: System Manager is used to perform database backup/restore and server configuration.' Below this is a 'Login' section with two input fields: 'Username' and 'Password'. A blue 'Login' button is located at the bottom right of the form, with an orange arrow pointing to it.

This will open up a home screen that provides options to restart or shut down features of the AC-HOST, as well as the device itself.

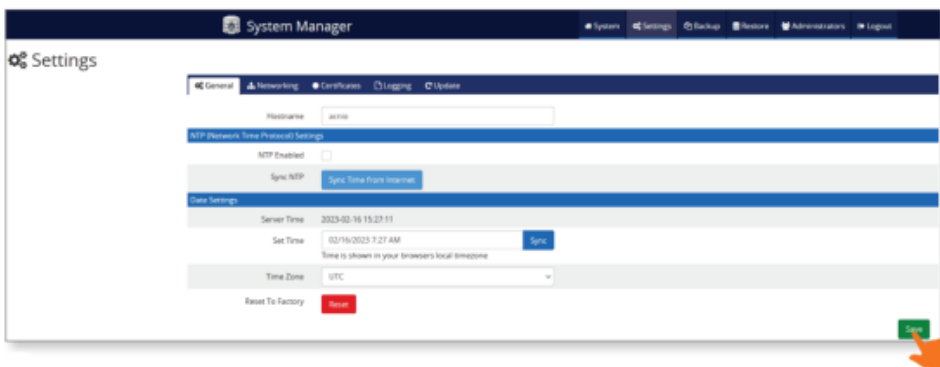
It is a good idea to change the password from the default at this time. Enter the default access password, then enter in the new password on the New Password and Confirm Password lines. Record the password in a known location, then click [Change](#).

The image shows the 'System Overview' page with a 'Change Password' section. It contains three input fields: 'Current Password', 'New Password', and 'Confirm Password'. A blue 'Change' button with a checkmark icon is at the bottom right, with an orange arrow pointing to it.

i The default username and password are only used to access the System manager for the AC-HOST. They are unrelated to the AC Nio installation on the device or its credentials.

Setting The Time

Navigate to the Settings tab on the top of the page. The time can be set manually, or the station can use NTP settings instead. If using a manually set time, do not change the time zone. Changing it from UTC will lead to issues in AC Nio. Click [Save](#).

The image shows the 'System Manager' Settings page. The 'General' tab is selected. Under 'NTP Network Time Protocol Settings', there's a checkbox for 'NTP Enabled' and a button for 'Sync Time from Internet'. Under 'Date Settings', there are fields for 'Server Time' (2023-02-16 15:27:11), 'Set Time' (02/16/2023 7:27 AM), and a 'Time Zone' dropdown menu set to 'UTC'. A 'Reset To Factory' button is at the bottom left. A green 'Save' button is at the bottom right, with an orange arrow pointing to it.

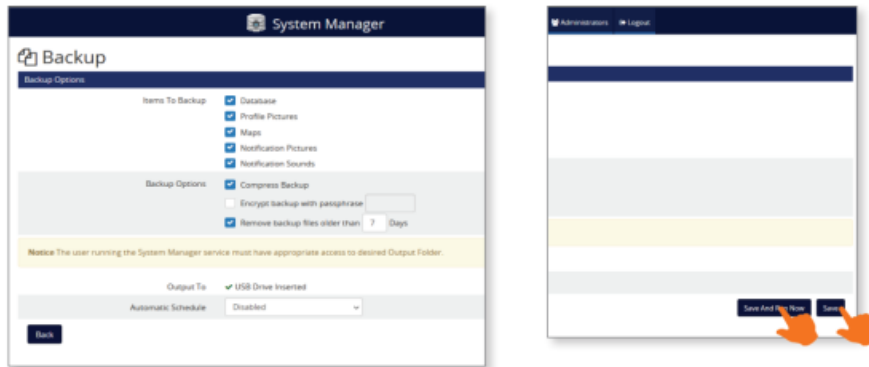
i During initial setup, make sure that the AC-HOST has a network connection, and that either NTP is set to NTP Enabled, or click [Sync Time from Internet](#). This is required to successfully apply the AC Nio license. Once the license has been applied, a manual time can be used instead.

Backing Up The Database

The AC-HOST can automatically back up its database on a schedule, or it can be saved manually. This database contains the details of the local AC Nio installation. Connect a USB Drive to one of the USB ports on the AC-HOST, which will store the backup.

Click **Backup** at the top of the page. This will present options for what settings to save, as well as setting a backup location. There is also an option to set up an automatic schedule for backups.

Click **Save** to update the backup settings, or click **Save and Run Now** to update the backup settings and perform a backup at the same time.

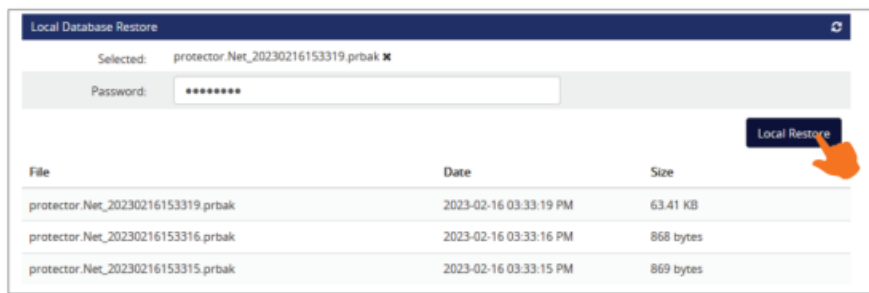


Restoring The Database

Once backups have been created, they can be used to restore a previous version of the AC Nio's database.

i AC Nio will not be accessible during the restore process, but all panels, doors, and elevators will continue working.

Navigate to Restore at the top of the page. If local backups exist on the connected USB storage, they will be listed under Local Database Restore. Select a file and click **Local Restore**.



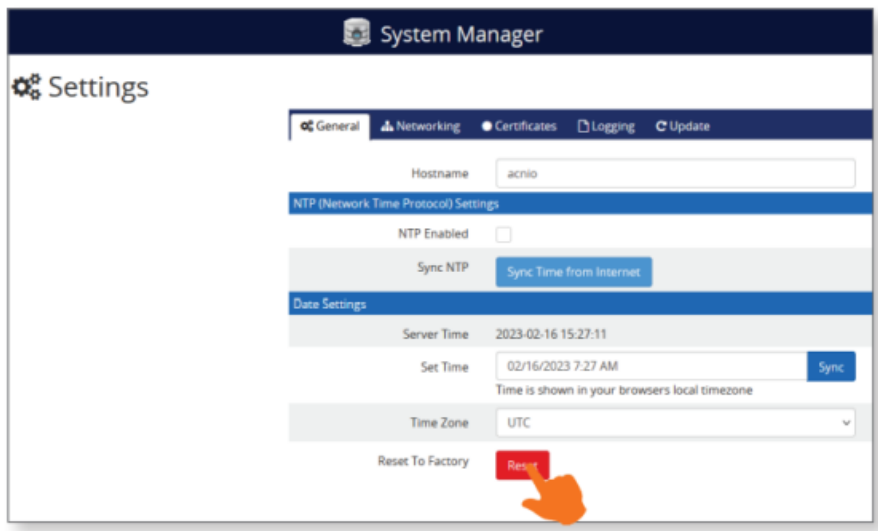
The AC-HOST can also be restored from backups located on the PC accessing its web interface, or from elsewhere on the local network. Enter the System Manager password created before. Click **Browse** to locate the database, then click **Restore**.



Clearing AC Nio Settings

Navigate to Settings, then click **Reset** . The light on the AC-HOST will turn red, and then shut off. The device will be inaccessible through the web interface until the process is complete, which will be indicated by the LED returning to a solid green.

This will remove the local AC Nio install, but not the local administrator, time, and other AC-HOST specific settings. This will also not remove externally stored AC Nio backups, which can be used to recover the system to a working state.



Resetting To Factory Default

This is performed on the AC-HOST hardware itself. Hold down on the reset button next to the green LED. The light will turn off for a few seconds before turning blue. Continue holding down reset button; the light will shift to a lighter shade of blue, before switching to magenta. Release the button when the light turns magenta. The magenta LED will blink for several seconds. When the process is complete, the light will shift back to the original green.


Customer Support

For more details about the features and information above, please contact Technical Support.

Aiphone Corporation
www.ajphone.com
[800-692-0200](tel:800-692-0200)



Documents / Resources

	<p>AIPHONE AC-HOST Embedded Server [pdf] User Guide AC-HOST Embedded Server, AC-HOST, Embedded Server, Server</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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