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## QUICK LINKS

### GENERAL
- What is the Nuvo Player Portfolio System?
- What wireless configurations are supported by the Nuvo Player Portfolio System?
- Where can I find more information on my Nuvo Player component?
- The LED on my component is flashing. What does that mean?
- Does my component have international options?

### NUVO P10, P20, AND P30
- What is the difference between the P10, P20, and P30 devices?
- Are there specific network requirements?
- How do I install my component?
- Where do I find the specifications for my Nuvo component?

### NUVO PLAYER APP
- How do I download the Nuvo Player app?
- How do I use my Nuvo Player app?
- What play options does my app offer?

### SETTINGS MENU
- What capabilities do the options on the settings menu offer?
- What is a zone?
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### STREAMED MUSIC
- Can I stream music from a shared network library?
- What music services can I stream?
- Are there special requirements for direct streaming?

### VOICE INTEGRATION
- Can I connect my Alexa device?
- Are there special requirements for voice integration with my Alexa device?
- Can I set up multiple music service providers?
- What commands will Alexa Support?
OVERVIEW

Welcome to the Nuvo Player Portfolio Audio System!

This system offers you the opportunity to enjoy your favorite music from any room of your home, at any time, with simplicity of operation. Imagine playing music from your personal library or easily streaming true, high-fidelity music from the Internet by touching a button on your Apple or Android Wi-Fi-enabled portable device. Use this guide to set up your audio system and begin filling your home with beautiful music.

THE NUVO WIRELESS AUDIO SYSTEM

[Example shows a wireless set-up method.]
## PRODUCT FEATURES

### NV-P10-XX KEYPAD

#### FRONT

<table>
<thead>
<tr>
<th>Item</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Play/Pause</td>
<td>Starts or suspends audio.</td>
</tr>
<tr>
<td>2</td>
<td>Skip: FWD/Back</td>
<td>Moves past current audio selection or returns to previous audio selection.</td>
</tr>
<tr>
<td>3</td>
<td>Favorites Indicator</td>
<td>Visual indicator of favorites channel selection.</td>
</tr>
<tr>
<td>4</td>
<td>Favorites Selector</td>
<td>Changes favorites selection.</td>
</tr>
<tr>
<td>5</td>
<td>Volume Control</td>
<td>Increases/decreases audio volume.</td>
</tr>
<tr>
<td>6</td>
<td>Mute</td>
<td>Mutes/un-mutes audio.</td>
</tr>
</tbody>
</table>

#### BACK

<table>
<thead>
<tr>
<th>Item</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Network Connection</td>
<td>802.11af Power over Ethernet (POE) network connection port.</td>
</tr>
</tbody>
</table>
NV-P20-XX LIVING LIGHT POE KEYPAD, ARTEOR, VALENA LIFE, AND ADORNE

FRONT

1. Play/Pause

   Starts or suspends audio.

2. Skip Back

   Returns to previous audio selection.

3. Skip Forward

   Moves past current audio selection.

4. Favorite Indicator

   Visual indicator of favorites channel selection.

5. Favorites Selector

   Changes favorites selection.

6. Volume Up

   Increases audio volume.

7. Volume Indicator

   Visual indicator of audio volume level.

8. Volume Down

   Decreases audio volume.

BACK

9. Network Connection

   802.11af Power over Ethernet (POE) network connection port.

NV-P30-XX 7” ANDROID POE TOUCH SCREEN

FRONT

1. Camera

   Used with video integration option.

2. Power

   Turns touch screen on/off.

3. Micro USB

   Micro USB connection port for sharing music content from a storage device.

4. Touch Screen

   Control panel for Nuvo player system operation.

5. Volume Up

   Increases/Decreases audio volume.

BACK

6. Network Connection

   802.11af Power over Ethernet (POE) network connection port.
SETUP AND INSTALLATION

NETWORK REQUIREMENTS

A live Internet connection is necessary for initial setup of your Nuvo Player Portfolio System. For wired Ethernet connectivity, a minimum 100 MB wired network is necessary for proper communication. Wireless-compatible devices use dual band 802.11n wireless communication. To ensure that all components are compatible and communicating correctly, it is strongly suggested that network routers using the older 802.11g protocol be upgraded to support Multicast and UPnP and be Wi-Fi® Certified before you proceed with the setup.

When using an Ethernet connection to the system router, or for initial setup, make a connection from your home network to one Ethernet port on the device, using a standard Ethernet cable.

NOTE: This installation assumes the Player Portfolio system is already installed. If not, please refer to the Player Portfolio manual to install all of the zones before additional devices are added. Once all the zones have been added, follow the steps below to install your device.

IMPORTANT: These devices require a single Power Over Ethernet (802.11af POE) connection and need to be connected to the same network, or subnet, of the zone they intend to control.

INSTALLING THE NV-P10-XX AND NV-P20-XX

1. Pull cable to a single-gang box or low voltage ring at the designated location for the device.
2. Use the TIA/EIA 568A wiring standard on both ends of the cable while crimping the RJ45 connector.
3. Plug the terminated end of the cable coming from the switch port or power injector into the Ethernet port of the Device.
4. Plug the other end of the cable into the POE supplying device.
5. Download and launch the Nuvo Player Portfolio app. See “Setting Up Your System Using the App” on page 8 for more detail.

INSTALLING THE NV-P30-XX

1. Install the mounting ring to the wall over the wire box or wire egress hole. The mounting ring requires four fasteners to secure it to the wall.
   NOTE: Use the appropriate fasteners and anchors for the wall surface. Make sure the Ethernet cable exits the wall through a minimum hole size of 1.5" x 1.5" (38 mm x 38 mm).
2. Connect the Ethernet cable to the Nuvo P30 and place the Nuvo P30 over the mounting bracket.
3. Once connected, the device will automatically turn on. The Nuvo Player App will be the only app on the screen.
   If the Nuvo P30 does not connect to the Internet or fails to immediately update the time on-screen, disconnect the Ethernet cable on the back of the touch screen, then reconnect the cable to seat the cable properly in the connection port.
   NOTE: A Google Play Store account is required to enter the Google Play Store, to use any additional apps, or to acquire updates for the newest version of the Nuvo Player app. Enter your existing Google Play account information or create a new account by following the on-screen prompts the first time the Google Play Store opens. You may have to update the Nuvo Player App.
4. Remove the clear protective film from the touch screen.
5. Follow the on-screen directions to finalize your installation.
   NOTE: After installing the P30 and entering your credentials for the Google Play Store, navigate to settings > accounts > Google > select your Google account > turn off sync for everything except app data in your Google account to prevent Google from automatically syncing your Gmail, calendar, Google fit data, and people details.
SETTING UP YOUR SYSTEM USING THE APP

Once you have installed your devices, bind them to your Nuvo Player system. This process is done from a compatible mobile device using the Nuvo Player app.

NOTE: This installation assumes the Nuvo Player Portfolio Audio system is already installed. If not, please refer to the appropriate Player manual to install all of the zones before additional components are added. Once all the zones have been added, follow the steps below to bind your component.

NV-P10-XX AND NV-P20-XX SYSTEM SETUP

Download the Nuvo Player app to your device. The app is available on the App Store or on Google Play. Make sure your device is connected to the same network as the Nuvo Player Portfolio System.

IMPORTANT WIRELESS CONFIGURATION SETUP CONSIDERATIONS

Not all wireless networks and devices are supported. The Nuvo Player Portfolio wireless capable devices are Wi-Fi Alliance Certified, so Wi-Fi Alliance Certified wireless access points and routers should be used. There may be cases where non-Wi-Fi Alliance Certified devices work. Supported network modes and encryption methods include:

- 802.11n, WPA2 is recommended.
- 802.11ac is not supported. Wireless access points must be in 802.11n or 802.11n/ac mixed mode.
- WPA2 is only supported using AES.

Unsupported network modes and encryption methods are grayed out on the menu. The following network encryption types are not supported:

- WPA1
- WPA2 Enterprise
- Guest networks

The Nuvo Player system is multi-lingual. Upon setting up a new system, the app automatically uses the default language of your device. Once the system is setup up, if another language is desired, go to settings > international > language, then select another language.

NOTES:

- Google Play and the Google Play logo are trademarks of Google LLC. App Store is a service mark of Apple Inc., registered in the U.S. and other countries.
- WiFi® is a registered trademark of Wi-Fi Alliance®.
1. Navigate to the SETTINGS menu by pressing the gear icon at the bottom of the app home page.
2. Select Add a component.
3. Select Keypad [See Figure 1].
4. Look for the component LEDs to have a breathing motion [See Figure 2].
   
   **NOTE:** A breathing motion is a rolling flash. The LED slowly rolls from on to off over 2–3 seconds.

   • If the LEDs are not breathing, select The LED’s are not breathing at the bottom of the screen. Follow the instructions on the screen [See Figure 3].
   • If the LEDs are breathing, select Next [See Figure 2].

5. Press the Volume up and Mute buttons simultaneously to initiate the binding process [See Figure 4].
   If the component fails to connect, confirm that the device is powered on and has an Ethernet connection to the same network as the mobile device running the Nuvo Player app [See Figure 5].

6. Select the zone for the component to control [See Figure 6].
7. Once the connection is successful, "Keypad added" displays on the screen along with the associated zone [See Figure 7]. The screen shows the connection in the keypad settings [See Figure 8]. Select Done to return to the SETTINGS screen. If all keypads have been added, return to the HOME screen.
   
   **NOTE:** Up to four keypads can be assigned to a single zone.

**IMPORTANT:** After setup, if it is necessary to reset your P10-XX or P20-XX to factory default settings, press the Volume up and Volume down buttons simultaneously. Hold for 16 seconds. Release the buttons when the LEDs begin flashing.
USING THE NUVO PLAYER APP

The Nuvo Player app offers wireless system control from any Wi-Fi-enabled mobile device. The Nuvo Player app is available on the App Store or on Google Play. Both versions offer the same look and control options. When used with tablets, the display is optimized for a view of the complete system’s operation on one screen.

THE DASHBOARD

System control begins with the Dashboard. Each available zone is represented by an icon. To make a music selection, drag and drop a zone into a zone group, or simply tap an inactive zone to activate the zone. Once your music selection is made, the related album art and *Now Playing* information appears in the zone group. Play music on an individual zone or share music across zones by dragging and dropping multiple zones into a single group. To deactivate a zone and stop the music playback in that zone, drag the icon into the open dashboard area below the zone groups (See Figure 9 & Figure 10).

![Figure 9](image1.png) ![Figure 10](image2.png)

MUSIC SELECTION

When a zone group is activated (See Figure 10), the app jumps to the music navigation pane (See Figure 11). From there, any of the available streaming services (See Figure 12), personal music libraries (See Figure 13), Bluetooth® (See Figure 14), Direct Stream, local Line-in sources (See Figure 15), or media servers can be selected for playback. The available music choices are visible in a music selection ribbon at the bottom of the screen (See Figure 11). As you scroll across the selections using your finger, the current service highlights and the display changes accordingly.

![Figure 11](image3.png) ![Figure 12](image4.png) ![Figure 13](image5.png) ![Figure 14](image6.png) ![Figure 15](image7.png)
If audio files such as MP3, AAC, FLAC, or other audio files are on the mobile device running the app, they can be streamed directly to a zone by selecting the **This <Device>** icon. When **This <Device>** has been selected, all music playable by the device is cataloged and listed in categories such as Artists, Albums, Tracks, Playlists, etc., similar to what is presented when using the Library Source (See Figure 11). Select the desired function from the app music selection ribbon. Once you initiate a source, the **Grouping, Volume, Transport, Mute, and More** options function as when listening to other sources.

**DIRECT STREAMING REQUIREMENTS:**

- A device with the Nuvo Player app 1.8 or greater loaded.
- Firmware version 1.8 or greater on the Nuvo component.
- A device connected to the same network as the Nuvo component.

**OPERATION NOTES:**

- Once a device is direct streaming to a zone, other zones can join the same zone for listening but content cannot be selected.
- Additional zones have transport control.
- Local joined zones have volume and mute control, as well as the ability to leave the group.
- The number of devices used in a system can’t exceed the number of zones available. A four-zone system can have a maximum of four devices connected and streaming simultaneously. A sixteen-zone system can support up to sixteen devices.
- Direct stream supports most device file formats.

**LINE IN**

Each component has a 3.5 mm stereo audio line in on the back panel. This input allows any compatible analog music device to be plugged-in and added to the system as an additional source input. To do this, connect a 3.5 mm stereo audio cable from the audio output on the compatible analog music device into the line in port on the back of the Nuvo component “Product Features” on page 5 for the port location.

When a line-in music device is connected, select **Line In** from the app music selection ribbon. The device appears on the LINE IN menu and is available for selection from any zone (See Figure 16). Once connected, the app switches to the music menu and music content is controlled from the app on the connected mobile device (See Figure 17). A “Rename” utility is available by touching the **...** option next to the **Line Input**, which allows a specific name to be given to the music device in the app.

---

**Figure 16**

**Figure 17**
MEDIA SERVERS

This music streaming service is for DLNA/UPnP media servers on a local network. It is an alternative option to a Windows share when users have a local library to share. Devices include NAS drives, Windows machines, Mac OS machines with additional software, etc. This option provides a faster browsing and refresh experience for larger libraries.

There are a variety of potential router/computer/device-specific needs, so be sure to choose a compatible device. Open your app, select **Media Servers**, and choose your content sorting option. (See Figure 18).

![Figure 18](image-url)
THE SETTINGS MENU

The SETTINGS menu has several selections important to the control and operation of your system. Press the (gear icon) located at the bottom of the DASHBOARD (See Figure 19) to access the SETTINGS menu (See Figure 20). On smaller format devices, if you are on the Now Playing screen or browsing musical selections (See Figure 21), the (home icon) at the top of the screen returns the app to the DASHBOARD. From there, touch (gear) to access the SETTINGS menu.

ADD A NUVO COMPONENT

When adding a component to an existing system, navigate to the SETTINGS menu, then select Add a Nuvo Component (See Figure 22). Choose your component (See Figure 23), then follow the steps in “NV-P10-XX and NV-P20-XX System Setup” on page 8.

ZONES

Selecting Zones in the SETTINGS menu provides several controls for audio playback and functionality. When the Zones button is touched (See Figure 24), the app displays the available zones within the system (See Figure 25). When a zone is selected, individual settings and controls are available (See Figure 26).
The ZONE SETTINGS screen contains simple slider adjustments or on/off choices that control the sound for the selected zone.

- **Bass, Treble, and Balance**: These three sliders offer individual control of each sound setting.
- **Loudness**: This toggle switch provides bass boost designed for low-volume listening.
- **Fixed Volume Line Out**: Each of the components has an individual audio line out. This feature allows the audio output of the zone to supply to an additional amplifier, sub-woofer, or even headphones. By default, this feature is set to off and the volume level of the output adjusts according to the volume setting set from the app. For some uses, a fixed output volume level is required. For those instances, turn the feature on.
- **Mono**: When this feature is turned on, it sums the individual left and right stereo outputs into a single identical audio output for each of the speaker terminals. This is useful when a single mono speaker provides all stereo audio content to a zone, or if you have a large area in which both of the speakers need to be heard well at a common listening position.

If you touch the Zone icon and name at the top of the ZONES SETTINGS screen (See Figure 27), the ZONE ICON page appears. From there, select Edit Name to change a zone’s icon and name (See Figure 28).

The **Wireless** screen option allows wireless communication to be set at the default 2.4 GHz band or the higher 5 GHz. In most settings 2.4 GHz is preferred. The 5 GHz option allows more streaming bandwidth and the traffic is much lower. After turning on this feature, press and hold the Mute button for approximately six seconds, until you see the LED flash. Release the button. The LED flashes red as the zone reconnects at the new frequency. When the process is complete, the LED returns to a solid white state. The NV-P100-xx and NV-P200-xx have a “quick change” function for toggling between 2.4 and 5 GHz communication (See Figure 29).

**NOTE**: The 5 GHz wireless range is lower than 2.4.
**KEYPADS**

Selecting **Keypads** from the **SETTINGS** menu (See Figure 30) allows you to manage the keypads on your system (See Figure 31).

**THIS APP**

When **This App** is selected, a page appears with the app’s current software version information, a **Reset** button that disassociates the app from the system, and scanning options (See Figure 32 – Figure 36).

**MUSIC LIBRARY**

Existing personal music is easily shared with the entire system by plugging a USB storage device into the USB port ( ) on the back panel of any of the components. The component automatically scans the drives content and adds it, with associated album art, to the music library.

**IMPORTANT:** Not all USB drives are supported natively by the USB port. USB drives should meet USB 2.0 requirements.

**NOTE:** Another way to add music is to use the Music Share software (See “The Music Share Software” on page 22).
Once music is added, select **Music Library** (See Figure 37). The MUSIC LIBRARY screen displays the number of songs and file size of the accumulated library. It also shows the individual sources for music content (See Figure 38). Choosing **Add Share** (See Figure 39) allows you to type in the network path to a directory or shared drive with music content (See Figure 40). When a new library is added, it may take time for the content to be refreshed. The length of time depends on the amount of content. The screen displays “Refreshing” while the files of the library are scanned. Once the refresh is completed, the content is available for browsing and playback.

![Figure 37](image1.png)
![Figure 38](image2.png)
![Figure 39](image3.png)
![Figure 40](image4.png)

### MUSIC SERVICES

When **Music Services** is selected (See Figure 41), the active streaming music services on the system display (See Figure 42) along with a button for adding new services (See Figure 43). Most services require an online subscription account. The associated user name and password for the music service account must be added under this menu selection for the service to be active on the system.

![Figure 41](image5.png)
![Figure 42](image6.png)
![Figure 43](image7.png)

**NOTE:** Music service availability is based on your region. The cost, functionality, and terms of subscription vary by service and are a function of the service provider.

### GENERAL

When the **General** option is selected (See Figure 44), the screen displays four important choices for information about the components of the system (See Figure 45).

- **About** gives specific component information for each zone (See Figure 46).
- **Software Update** shows any software updates available. Typically, updates automatically pop up on the app screen and are already downloaded in the background. Select **Install** to update all of the zones in the system automatically (See Figure 47).
- **Registration** opens the product warranty registration page [See Figure 48]. The opportunity to register the product is offered at the initial setup of the system. If the registration is completed at that time, this system selection is not necessary (See Figure 48 & Figure 49).

- **Advanced** opens the **Reset System** feature and the **Auto Disband Inactive Groups** feature [See Figure 50].

INTERNATIONAL

The **International** selection [See Figure 51], offers a **Location** setting [See Figure 52]. When a country location is set [See Figure 53], the legal wireless broadcast channel is set for the selected region. This is an important selection. **Language** and **Time Zone** options are available for further customization [See Figure 54].
The **Help** option (See Figure 55), displays links to contact Nuvo directly, to reference information on various system components, or to report a problem (See Figure 56–Figure 59).
THE MUSIC SHARE SOFTWARE

The Music Share Software allows music content from shared network locations and libraries, to be streamed from any zone in the system.

1. From your computer, go to http://www.legrand.us/resources-and-downloads/software-downloads to download the music share software.

2. Follow the prompts for installing the software (See Figure 60).

3. The software connects to the network and displays a blank music share page. Choose the Add new option. The music share choices open (See Figure 61).

4. The My Music folder is the default location for Windows Media Player libraries (See Figure 62). If your music is stored on a Mac computer, or your preferred music library software is in iTunes, then select a different folder. A progress window appears (See Figure 63).
You can also choose to share a specific folder or drive on the network. The **A specific folder...** choice opens a browsing window (See Figure 64). From there you can choose a shared folder with music content or a drive that is shared with the network.

All shared folders and drives display in the software (See Figure 65). Access the software at any time to add or remove content.

**NOTE:** If you are sharing a personal library located on a personal computer hard drive, the software must be downloaded to that computer before the share is created.

Once a share directory is created, it is not necessary to keep the Music Share Software open. For the music content to be available for music playback, the computer hosting the music content must be active on the same network as the system.
TROUBLESHOOTING

FRONT PANEL LEDS

An important indicator of each Nuvo component’s operation is the LED light on the front panel. The color of the LED, and the solid or flashing state, provides a visual reference for the status of operation. Refer to the chart for an explanation of the functions and LED status (See Figure 66).

<table>
<thead>
<tr>
<th>LED Color</th>
<th>State of Component</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Lit</td>
<td>Component is not powered on.</td>
<td></td>
</tr>
<tr>
<td>Solid White</td>
<td>Component is connected to the network and in normal operation.</td>
<td></td>
</tr>
<tr>
<td>Flashing White</td>
<td>Component processor is busy; it should return to solid white.</td>
<td></td>
</tr>
<tr>
<td>Solid Red</td>
<td>Hard failure. There is no network communication. Reboot by turning the power off and back on.</td>
<td></td>
</tr>
<tr>
<td>Flashing Red</td>
<td>Indicates that the component has lost network connectivity.</td>
<td></td>
</tr>
<tr>
<td>Solid Green</td>
<td>Uninitialized state. The LED turns a solid white when the component is added to a system and acquires a network address.</td>
<td></td>
</tr>
<tr>
<td>Flashing Green</td>
<td>Busy uninitialized state. This is normal during the setup process. The LED turns white at completion of setup. It also means that the component is updating to a new version. Do not unplug during this process. At the completion of the update, the LED returns to a solid white state.</td>
<td></td>
</tr>
<tr>
<td>Solid Blue</td>
<td>Component is muted. When it is taken out of mute, the LED turns to a solid white.</td>
<td></td>
</tr>
<tr>
<td>Flashing Blue</td>
<td>Indicates that the component is in Bluetooth discovery mode (only for Bluetooth-compatible devices).</td>
<td></td>
</tr>
</tbody>
</table>

Figure 66

NOT CONNECTED

The NOT CONNECTED screen appears when the controller is unable to see the components in the system (See Figure 67). There are several potential causes and remedies for this state that are important for troubleshooting.

1. Check the power status of the component. It should have a solid white (blue if in Mute) LED light on the front panel.
2. Verify that the mobile device running the app is connected to the correct WLAN (Wireless Local Area Network) Wi-Fi SSID. If using a WAP (Wireless Access Point) make sure it is connected to the same LAN (Local Area Network) router of the component.

3. Verify the router and WAPs are compatible with the component at: http://www.legrand.us/onq/router-compatibility.aspx#.Vo_Zivi-2es.

4. Simplify the network infrastructure in the home. Remove any additional routers. Most residential networks only require one router. The ISP Network Appliance should be the only router in the network.

5. Verify the router and WAP Filter Multicast or IGMP Proxy (Internet Group Management Protocol) setting is disabled.
   
   **NOTE:** This will require logging into the customer’s ISP Network Appliance.

   - Multicasting/IGMP settings can typically be found under “Advanced Settings” or “IPTV” menu.
   - Confirm that the multicasting for TCP/IPV4 function is enabled.
   - Incorrect IGMP settings may cause a great deal of instability even if the app connects correctly.

6. Verify the router and WAP UPnP (Universal Plug and Play) setting is enabled.
   
   **NOTE:** This will require logging into the customer’s ISP Network Appliance.

   - UPnP settings can typically be found under the “Advanced Settings” or “WAN” menu items.
   - Incorrect UPnP settings may cause a great deal of instability even if the app connects correctly.
   
   **NOTE:** If multicasting or UPnP settings cannot be located in the router’s setup menu, a call to the ISP or third party manufacturer will be required to verify that the router properly supports multicasting and UPnP. If it does not, the router will need to be replaced.

7. Verify the wireless settings of Dual Band 2.4GHz/5GHz devices.
   
   **NOTE:** This will require logging into the customer’s ISP Network Appliance.

   Legrand recommends that the 2.4GHz and 5GHz wireless networks be assigned separate SSID’s to ensure a consistent connection.
AMAZON ALEXA VOICE CONTROL INTEGRATION

NOTE: Amazon, Echo, Alexa, and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

PREREQUISITES

Enabling voice control of your Legrand Nuvo Player through devices with Amazon Alexa requires the following:

- A device with Amazon Alexa, such as Amazon Echo, connected to your home network
- A Legrand Nuvo Player or compatible component
- The Amazon Alexa app installed on a mobile device
- An Internet connection
- The Legrand Nuvo Player Controller app, installed on a mobile device
- An active Samsung ARTIK™ Cloud account

CONNECTING ALEXA TO YOUR LEGRAND NUVO PLAYER

1. Launch the Nuvo Player controller app on your mobile device.
   Select to open the SETTINGS page.

2. Select Music Services.

3. Select Add service.

4. Select Amazon Alexa.
5. Select **Register**.

6. Sign up for an ARTIK Cloud account or sign in if you already have an account.

7. Select **Open**.

8. Select **Open Alexa**.

9. Ensure you are in the **Devices** section of the Alexa app and then click the **Menu** icon.

10. Select **Skills & Games**.

11. Search **Skills** for the Nuvo Player skill, then select the correct application.

12. Select **Enable To Use**.
13 Read the instructions listed under "Before you continue." Confirm your setup, then select Continue.

14 Use your ARTIK Cloud username and password to sign into your account. Your Samsung ARTIK Cloud account will link with your Alexa account.

This completes your Nuvo Player Alexa skill setup.

15 Close the confirmation window.

16 Select Discover Devices.

17 Alexa begins discovery of your available devices.

18 After discovery is complete, select Choose Device to begin your device setup.
SETUP ADDITIONAL MUSIC SERVICE PROVIDERS

To play selections from Music Service Providers (MSPs) other than Amazon Music, link your account for the MSP with Alexa. Each service has a different setup.

IMPORTANT: Use the same account information that you use for your MSP app when linking to Alexa using the ARTIK Cloud account. If you do not, you will not be able to access the features unique to your MSP account, such as playlists.

IHEARTRADIO
No account setup is required. Setup iHeartRadio in the Alexa app under Settings > Music & Media > iHeartRadio.

PANDORA
Settings > Music & Media > Pandora

DEEZER
Go to Skills to search for Deezer. Enable the Deezer skill, then link it to your Deezer account.

SIRIUSXM
Go to Skills and search for SiriusXM. Enable the SiriusXM skill, then link it to your SiriusXM account.

TUNEIN
No account needed. TuneIN simply works.

SPOTIFY
Not yet supported.

SUPPORTED ALEXA COMMANDS

Alexa supports many music commands. Below is a sampling of potential commands for Alexa, once connected.

SAMPLE AMAZON ALEXA COMMANDS
• “Alexa, play some music in the Kitchen.”
• “Alexa, play Imagine Dragons from Deezer in the Kitchen.”
• “Alexa, play The Strokes Radio from Pandora in the Kitchen.”
• “Alexa, next.”
• “Alexa, previous.”
• “Alexa, turn it up.”
• “Alexa, volume down.”
• “Alexa, what is currently playing?”
• “Alexa, skip track.”
• “Alexa, play Radio Margaritaville from SiriusXM in the Kitchen.”
SPECIFICATIONS

IOS AND ANDROID REQUIREMENTS

- iOS 6 or later required
- Android 2.1x or later required

NV-P10-XX KEYPAD

Network Connectivity
- LAN (Wired Connection): RJ45, Cat5 minimum, 10/100baseT minimum, POE 802.3AF Class 1 compatible
- Network Connection: Ethernet
- Power Supply: Internal

Regulatory Approvals
- Safety: Not Required
- Environmental: RoHS; Directive 2002/95/EC

Power Requirements
- Power Consumption (max): 802.3af Class 1
- Power Consumption (typical): 802.3af Class 1
- Operating Temperature: 32 °F to 104 °F, 0 °C to 40 °C
- Humidity: 70% Non-Condensing

Physical Specifications
- Material: Plastic
- Color: White, Light Almond, or Nickel
- Unit Size (mm): 65 x 130 x 86
- Unit Size (inch): 2.56 x 3.39 x 5.12
- Unit Weight [kg]: .11
- Unit Weight (pounds): .24

Shipping Specifications
- Unit Size (mm): 150 x 338 x 100
- Unit Size (inch): 5.91 x 13.31 x 3.94
- Unit Weight [kg]: .6
- Unit Weight (pounds): 1.33

Nuvo reserves the right to change specifications without notice.

NV-P20-XX LIVING LIGHT POE KEYPAD, ARTEOR, VALENA LIFE, AND ADORNE

Network Connectivity
- LAN (Wired Connection): RJ45, Cat5 minimum, 10/100baseT minimum, POE 802.3AF Class 1 compatible
- Network Connection: Ethernet
- Power Supply: Internal

Regulatory Approvals
- Safety: Not Required
- Environmental: RoHS; Directive 2002/95/EC

Power Requirements
- Power Consumption (max): 802.3af Class 1
- Power Consumption (typical): 802.3af Class 1
- Operating Temperature: 32 °F to 104 °F, 0 °C to 40 °C
- Humidity: 70% Non-Condensing

Physical Specifications
- Material: Plastic
- Unit Size (mm): 45 x 45
- Unit Size (inch): 1.77 x 1.77
- Unit Weight [kg]: .064
- Unit Weight (pounds): .141

P20 Variants

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>TLS suffix/Color option</th>
</tr>
</thead>
<tbody>
<tr>
<td>adornne</td>
<td>-ADMO - magnesium</td>
</tr>
<tr>
<td>Arteror</td>
<td>-ARMG - magnesium</td>
</tr>
<tr>
<td>Living Light</td>
<td>-LLN - white</td>
</tr>
<tr>
<td>Valena Life</td>
<td>-VLAG - aluminum</td>
</tr>
</tbody>
</table>

*The different P20 variants all work with the same size plate opening, but they are each for different styles of plates specific to various regions.

Nuvo reserves the right to change specifications without notice.
### NV-P30-XX 7” ANDROID POE TOUCH SCREEN

#### Network Connectivity

<table>
<thead>
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<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>LAN (Wired Connection)</td>
<td>RJ45, Cat5 minimum, 10/100baseT minimum, POE 802.3AF Class 1 compatible</td>
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<tr>
<td>Network Connection</td>
<td>Ethernet</td>
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<tr>
<td>Power Supply</td>
<td>Internal</td>
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#### Regulatory Approvals

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety</td>
<td>Not Required</td>
</tr>
<tr>
<td>EMC</td>
<td>US: FCC CFR Title 47 Part 15, Subpart B</td>
</tr>
<tr>
<td></td>
<td>CANADA: ICES-003</td>
</tr>
<tr>
<td></td>
<td>EUROPE: CISPR13; 55020</td>
</tr>
<tr>
<td></td>
<td>AUSTRALIA/NEW ZEALAND: C-TICK standard; AS/NZS CISPR13</td>
</tr>
<tr>
<td>Environmental</td>
<td>RoHS; Directive 2002/95/EC</td>
</tr>
</tbody>
</table>

#### Power Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption (max)</td>
<td>802.3af Class 1</td>
</tr>
<tr>
<td>Power Consumption (typical)</td>
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</tr>
<tr>
<td>Operating Temperature</td>
<td>32 °F to 104 °F</td>
</tr>
<tr>
<td></td>
<td>0 °C to 40 °C</td>
</tr>
<tr>
<td>Humidity</td>
<td>70% Non-Condensing</td>
</tr>
</tbody>
</table>

#### Physical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Plastic</td>
</tr>
<tr>
<td>Color</td>
<td>White, or Black</td>
</tr>
<tr>
<td>Unit Depth (inc. RJ45)</td>
<td>24.4 mm (1 inch)</td>
</tr>
<tr>
<td></td>
<td>14.5 mm (0.6 inches)</td>
</tr>
<tr>
<td>Unit Height (without RJ45)</td>
<td>129.7 mm (5.1 inches)</td>
</tr>
<tr>
<td>Unit Width (inc. buttons)</td>
<td>197.7 mm (7.8 inches)</td>
</tr>
<tr>
<td></td>
<td>198.5 mm (7.8 inches)</td>
</tr>
<tr>
<td>Unit Weight (kg)</td>
<td>.336</td>
</tr>
<tr>
<td>Unit Weight (pounds)</td>
<td>.74</td>
</tr>
</tbody>
</table>

#### Languages Supported

- English
- French
- German
- Italian
- Portuguese
- Spanish

Nuvo reserves the right to change specifications without notice.
REGULATORY COMPLIANCE

This document contains important product safety and regulatory compliance information. To view more in-depth use and installation instructions please visit our website at www.legrand.us/nuvo.aspx.

Contact Us:

Technical Support:
Toll free: +1.800.223.4162, opt. 3
Email: technicalsupport@nuvotechnologies.com

Chat: www.legrand.us/on-q (Click on the ☑ icon to open a dialogue box)


Pour nous joindre :

Soutien technique :
Numéro sans frais : +1.800.223.4162, opt. 3
Courriel : technicalsupport@nuvotechnologies.com
Clavardage : www.legrand.us/on-q (Cliquez sur l’icône ☑ pour ouvrir une boîte de dialogue)


Kontakt:

Technischer Kundendienst:
Gebührenfrei: +1.800.223.4162, opt. 3
Email: technicalsupport@nuvotechnologies.com

Chat: www.legrand.us/on-q (Klicken Sie auf das ☑ Symbol, um ein Dialogfenster zu öffnen)


Per contattarci:

Assistenza tecnica:
Numero verde: +1.800.223.4162, est. 3
E-mail: technicalsupport@nuvotechnologies.com

Chat: www.legrand.us/on-q (Fare clic sull’icona ☑ per aprire la finestra di dialogo)
Este documento contém informação importante sobre segurança do produto e conformidade regulatória. Para ver instruções sobre uma utilização mais detalhada e instalação, visite o nosso website em www.legrand.us/nuvo.aspx.

Contacte-nos:

Suporte técnico:

Chamada gratuita: +1.800.223.4162, opt. 3
E-mail: technicalsupport@nuvotechnologies.com

Chat: www.legrand.us/on-q (Clique no ícone para abrir a caixa de diálogo)


Póngase en contacto con nosotros:

Asistencia técnica:

Teléfono gratuito: +1.800.223.4162
Correo electrónico: technicalsupport@nuvotechnologies.com

Chat: www.legrand.us/on-q (haga clic en el ícono para abrir un cuadro de diálogo)

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation. See instructions if interference to radio or television reception is suspected.

Radio and Television Interference

This audio equipment generates, uses, and can radiate radio-frequency energy. If it is not installed and used properly—that is, in strict accordance with Nuvo’s instructions—it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specification in Part 15 of FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

You can determine whether your audio system is causing interference by turning it off. If the interference stops, it was probably caused by the computer or one of the peripheral devices. If your audio system does cause interference to radio or television reception, try to correct the interference by using one or more of the following measures:

- Turn the television or radio antenna until the interference stops.
- Move the audio device to one side or the other of the television or radio.
- Plug the audio device into an outlet that is on a different circuit from the television or radio. (That is, make certain the audio device and the television or radio are on circuits controlled by different circuit breakers or fuses.)

If necessary, consult Nuvo Technical Support, refer to the service and support information available for your Nuvo product, or consult an experienced radio/television technician for additional suggestions.
Important: Changes or modification to this product, not authorized by Nuvo Technologies, LLC could void the EMC compliance and negate your authority to operate the product.

This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices, USB cables, and Ethernet network cables between components.

Responsible party (contact for FCC matters only):
Legrand Home Systems Inc., dba Nuvo Technologies
3075 Kustom Drive
Hebron, KY 41048

Exposure to Radio Frequency Energy
The radiated output power of this device is well below the FCC and EU radio frequency exposure limits. However, this device should be operated with a minimum distance of at least 20 cm between the Nuvo Player antennas and a person’s body, and must not be collocated or operated in conjunction with any other antenna or transmitter subject to the conditions of the FCC Grant.

IC Radiation Exposure Statement for Canada
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes: (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

Les antennes installées doivent être situées de façon à ce que la population ne puisse y être exposée à une distance de moins de 20 cm. Installer les antennes de façon à ce que le personnel ne puisse approcher à 20 cm ou moins de la position centrale de l’antenne. La FCC des états-unis stipule que cet appareil doit être en tout temps éloigné d’au moins 20 cm des personnes pendant son fonctionnement.

Region Selection
Limited by local law regulations, version for North America does not have region selection option.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d’Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d’un type et d’un gain maximal (ou inférieur) approuvé pour l’émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l’intention des autres utilisateurs, il faut choisir le type d’antenne et son gain de sorte que la puissance isotope rayonnée équivalente (p.i.r.e.) ne dépasse pas l’intensité nécessaire à l’établissement d’une communication satisfaisante.
A copy of the EU Declaration of Conformity is available at:  

This equipment can be used in the following countries:

<table>
<thead>
<tr>
<th>EU Country Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT</td>
</tr>
<tr>
<td>IE</td>
</tr>
<tr>
<td>ES</td>
</tr>
</tbody>
</table>
Important Safety Information (English)

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water or moisture or let objects or liquids enter the product.
6. Install according to manufacturer’s instructions.
7. Clean only with a dry, soft cloth.
8. Do not block the ventilation openings.
9. Do not install near heat sources.
10. Protect the power cable and plug from being damaged.
11. Unplug this product during lightning storms and when unused for long periods of time.
12. Refer all servicing to qualified service personnel.
13. Where the MAINS plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
14. An apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

Informations importantes de sécurité (Français)

1. Lire ces instructions.
2. Conserver ces instructions.
3. Respecter ces avertissements.
4. Suivre toutes les instructions.
5. Ne pas utiliser ce produit à proximité d’eau ou en présence d’humidité, et s’assurer qu’aucun objet ni liquide ne pénètre dans le produit.
6. Installer cet appareil conformément aux instructions du constructeur.
7. Nettoyer uniquement avec un chiffon doux et sec.
8. Ne pas boucher les ouïes de ventilation de cet appareil.
9. Ne pas installer à proximité de sources de chaleur.
10. Prendre garde de ne pas endommager le cordon ou la prise d’alimentation.
11. Débrancher cet appareil Durant les orages ou les longues périodes de non utilisation.
12. Ne confier sa réparation qu’à du personnel qualifié pour ces produits.
13. Lorsque la fiche d’alimentation ou une multiprise est utilisée comme dispositif de déconnexion de l’appareil, elle doit rester facilement accessible.
14. Un appareil de CLASSE I doit être raccordé à une prise secteur dotée d’une prise de terre.
Wichtige Sicherheit Auskunft (Deutsch)

1. Lesen Sie diese Anweisungen.
2. Behalten Sie diese Anweisungen.
4. Folgen Sie allen Anweisungen.
5. Verwenden Sie dieses Produkt nicht in Wassernähe oder bei Feuchtigkeit und vermeiden Sie das Eindringen von Gegenständen oder Flüssigkeiten in das Produkt.
7. Reinigen Sie nur mit einem weichem und trockenen Tuch.
8. Blockieren Sie niemals die Ventilatortröffnungen.
9. Installieren Sie nicht neben Hitzquellen.
10. Schützen Sie das Netzkabel und -stecker vor Beschädigung.
11. Unterbrechen Sie die Netzverbindung während eines Gewitters und derweil sie längere Zeit unbenutzt bleibt.
12. Leiten Sie alle Servicearbeiten nur an qualifiziertes Personal weiter.
13. Wo der Netzstecker oder ein Mehrfachstecker als Trennvorrichtung verwendet wird, soll die Trennvorrichtung ohne weiteres benutzbar sein.

Informazioni importanti sulla sicurezza (Italiano)

1. Leggere queste istruzioni.
2. Conservare queste istruzioni.
3. Osservare tutte le avvertenze.
4. Seguire tutte le istruzioni.
5. Non utilizzare questo prodotto in prossimità di acqua e umidità e impedire la penetrazione di oggetti o liquidi nel prodotto.
6. Installare secondo le istruzioni del produttore.
7. Pulire solo con un panno morbido e asciutto.
8. Non ostruire le aperture di ventilazione.
9. Non installare vicino a fonti di calore.
11. Scollegare l’apparecchio durante i temporali e quando inutilizzato per lunghi periodi di tempo.
12. Per l’assistenza rivolgersi a personale qualificato.
13. La spina di alimentazione o l’accoppiatore devono essere prontamente disponibili e utilizzabili se utilizzati come dispositivo di disconnessione/spegnimento.
14. Un dispositivo di CLASSE I deve essere collegato a una presa di corrente provvista di apposita messa a terra.
Informações importantes de segurança (Português)

1. Leia estas instruções.
2. Guarde estas instruções.
3. Tenha em atenção todos os avisos.
4. Siga todas as instruções.
5. Não utilize este produto junto de água ou humidade, nem deixe que os objetos ou líquidos entrem em contacto com o produto.
6. Instale de acordo com as instruções do fabricante.
7. Limpe apenas com um pano seco e macio.
8. Não bloqueie as aberturas de ventilação.
10. Proteja o cabo de alimentação e a tomada de quaisquer danos.
11. Desligue este produto durante tempestades com raios e quando não utilizado durante longos períodos de tempo.
12. Para qualquer tipo de assistência consulte pessoal de assistência qualificado.
13. Se utilizar a tomada de REDE ou acoplador do aparelho como dispositivo para desligar, este deve manter-se sempre operacional.
14. Um aparelho com construção CLASSE I deve ser ligado à saída da tomada de REDE com uma ligação de proteção à terra.

Información Importante de Seguridad (Espanol)

1. Leer estas instrucciones.
2. Guardar estas instrucciones.
3. Prestar atención a todas las advertencias.
4. Seguir todas las instrucciones.
5. No utilice este producto cerca del agua ni de la humedad ni permita que objetos o líquidos entren en el mismo.
6. Instalar de acuerdo a las instrucciones del fabricante.
7. Limpia solamente con un paño suave y seco.
8. No bloquee las aperturas de ventilación.
9. No instalar cerca de fuentes de calor.
10. Proteger el cable de alimentación y el enchufe de cualquier posible daño.
11. Desconectar el producto durante tormentas eléctricas y cuando no va a ser utilizado por largos periodos de tiempo.
12. Para cualquier servicio, contactar al personal de servicio calificado.
13. Si se utiliza el enchufe de red o el conector del aparato principal como dispositivo de desconexión, este deberá poder accionarse fácilmente.
14. Un aparato con construcción de CLASE I se deberá conectar a una toma de corriente eléctrica con puesta a tierra.
Disposal and Recycling Information

This symbol indicates that your product must be disposed of properly according to local laws and regulations. When your product reaches its end of life, contact Nuvo Technologies or your local authorities to learn about recycling options.

European Union Disposal Information

This symbol above means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Brasil: Informações sobre descarte e reciclagem

O símbolo acima indica que este produto e/ou sua bateria não devem ser descartadas no lixo doméstico. Quando decidir descartar este produto e/ou sua bateria, faça-o de acordo com as leis e diretrizes ambientais locais. Para informações sobre o programa de reciclagem da Apple, pontos de coleta e telefone de informações, visite
