

Intercom
N1001R31

Nucleus User Manual

[What's in the box](#)

[Components](#)

[Front](#)

[Top](#)

[Connecting the Nucleus device to the power source](#)

[Using the Power Over Ethernet \(POV\) source](#)

[Using the DC Power](#)

[Powering the Nucleus device for the first time](#)

[Connecting the Nucleus device to the Network](#)

[Connecting the Nucleus device to the network via the Ethernet port](#)

[Connecting the Nucleus device to the network via WiFi](#)

[Operating the Nucleus device](#)

[Appendix A Product Information](#)

[Safety and Compliance Information](#)

[Maintaining Your Nucleus Device](#)

[Servicing Your Device](#)

[Other Safety Considerations](#)

[Wireless Safety and Compliance](#)

[Using Your Nucleus Device Around Other Electronic Devices](#)

[Steps to Minimize Interference](#)

[Watch for Signs](#)

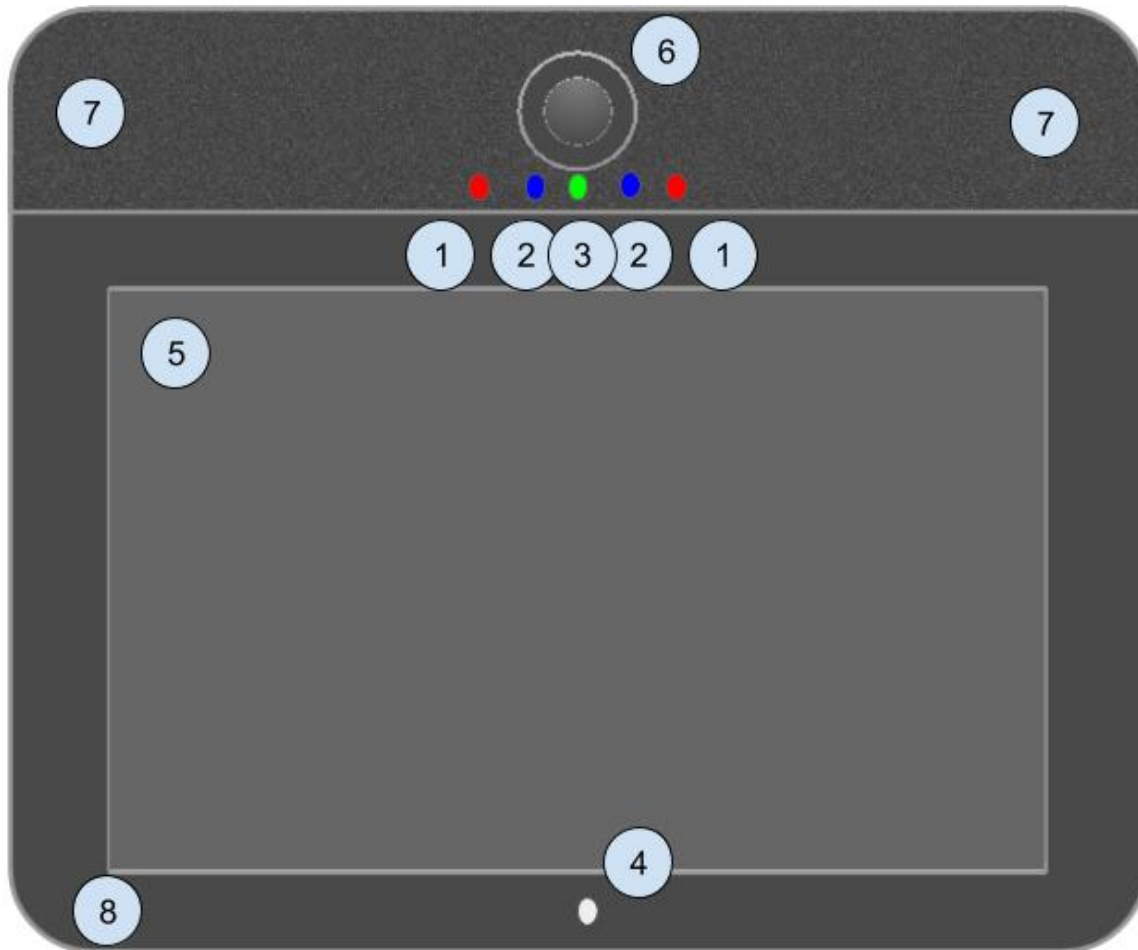
[FCC Compliance Statement](#)

What's in the box

- a. Nucleus Device
- b. Desk stand
- c. 110 - 240 V DC Power adapter
- d. USB Cable
- e. Level
- f. Clip*5
- g. Quick Start Guide

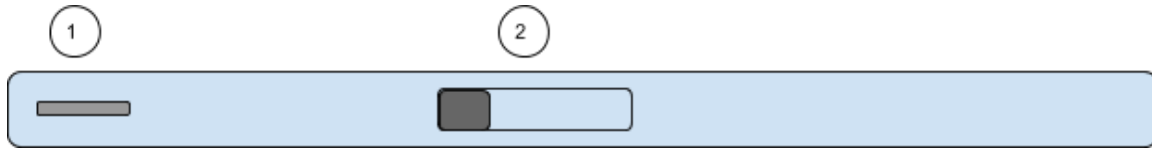
Components

Front



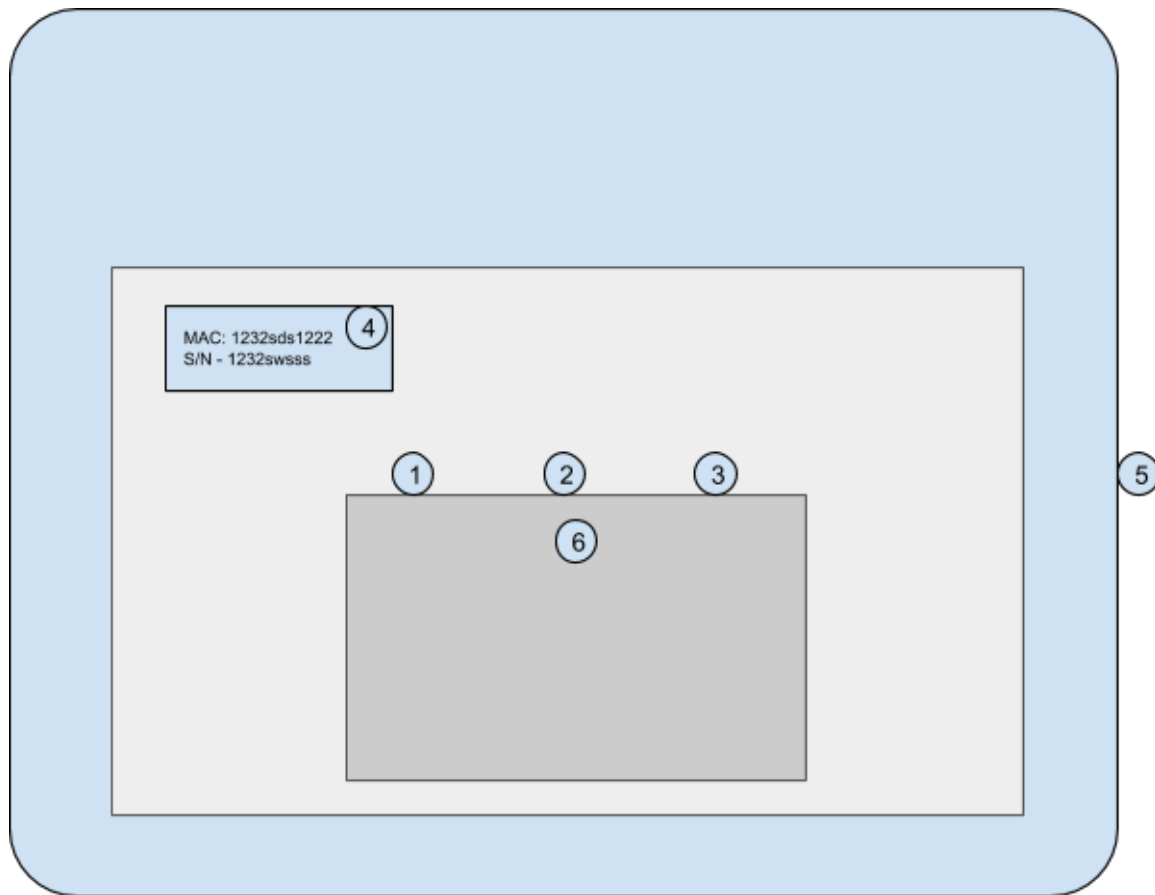
1. 2 X IR LEDs
2. 1 X Light sensors
3. RGB led
4. Microphone
5. 8-inch (1280*800 Resolution) display
6. 120° wide angle 5-megapixels
7. 2 X 2W Speakers
8. Nucleus logo

Top



1. Power button
2. Camera privacy sliding shutter

Back



1. Micro USB5 V DC in
2. 10/100 Power over ethernet port
3. Reset Button

Connecting the Nucleus device to the power source

The Nucleus device comes equipped with both a Power Over Ethernet (POE) and a DC power connector.

Using the Power Over Ethernet (POE) source

To connect the Nucleus device to a POE power source simply connect it via an RJ45 cable to the power over ethernet source. Make sure that the DC power adapter is not connected.

Using the DC Power

To connect the Nucleus device to the DC power source, use the power adapter that is provided with the Nucleus device.

Powering the Nucleus device for the first time

Once the Nucleus device boots it will search for an available internet connection. If one is not available it will prompt you to connect to the Wi-Fi network.

Choose your Wi-Fi network from the list of available networks. Enter your password and tap "Done". The Nucleus device will connect to your wireless network.

If you connect the Nucleus device to the network via the Ethernet port, the Nucleus device will connect to the network automatically and obtain an IP address.

Once the Nucleus device connects to the internet it will check for the latest SW update and will download and install it automatically.

When Nucleus has finished updating, it will open the Nucleus device setup process and will guide you through setting your Nucleus account and configuring the Nucleus device.

For further information about connecting the Nucleus device to the network please refer to the next section **Connecting the Nucleus device to the Network**.

Connecting the Nucleus device to the Network

The Nucleus device comes equipped with both a Power Over Ethernet port which can be used to connect to an RJ45 cable, and Wi-Fi.

Connecting the Nucleus device to the network via the Ethernet port

To connect the Nucleus device to the network via the Ethernet port simply plug one end of the the CAT 5/6 cable to the Ethernet port, and the other end to the router or switch. Power the device. As the Nucleus device boots it will connect to the network to obtain an IP address.

Connecting the Nucleus device to the network via Wi-Fi

Before you begin setting up the wireless connection, check the following:

- The Nucleus device is not connected to the network using a network cable.
 - The wireless network at your home is set up and functioning correctly.
1. Power the Nucleus device. Once the Nucleus device boots it will search for all available Wi-Fi networks and present them in the Wi-Fi main screen.
 2. Select the network you want to connect by tapping on the network name.
 3. Enter the network key In order to connect the Nucleus device to the network.

Operating the Nucleus device

The Nucleus device utilizes the the RGB led light to provide the user with information on the device ongoing operation as well as error indications.

LED Color	Activity	Status
Green	Blinking	Device is calling another device
	Solid	Device is in an ongoing audio or video call

Blue	Blinking	Alexa is processing the voice command
	Solid	Alexa wakeup word was identified, Alexa music playback is ongoing
Red	Blinking	Device failed to boot (contact customer service)
	Solid	Device is booting
Orange	Blinking	
	Solid	

Appendix A Product Information

Safety and Compliance Information

User Responsibly. Read all instructions and safety information before use.

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN FIRE, ELECTRIC SHOCK, OR OTHER INJURY OR DAMAGE.

Maintaining Your Nucleus Device

Do not use your Nucleus device or its accessories in rain, or near sinks or other wet locations. Take care not to spill any food or liquid in your Nucleus device. If your device does get wet, unplug all cables, turn off the wireless (go to Settings, click on the Wi-Fi icon, and turn off the Wi-Fi toggle icon). Wait for the device to dry completely before pressing the Power button to power it again. Do not attempt to dry your Nucleus with an external heat source, such as a microwave oven or hair dryer. Clean the screen with a soft cloth; be careful not to wipe it with anything abrasive. Don't expose the Nucleus device to extreme heat or cold. For example, don't leave it in the trunk of your car in sub-zero or high-heat conditions.

Servicing Your Device

If your device needs service, please contact Nucleus Customer Service. Contact details can be found at support@nucleuslife.com. Faulty service may void the warranty.

Glass Parts

The outside cover of the Nucleus device's screen is made of glass. This glass could break if the device is dropped or receives a substantial impact. If the glass breaks, chips, or cracks, stop using your Nucleus device and do not touch or attempt to remove the damaged glass.

Other Safety Considerations

A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, you should consult a physician before playing games or watching videos.

Engaging in repetitive motions such as pressing keys or playing some games may cause you to experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body.

Discontinue use of your device and consult a physician if you experience headaches, blackouts, seizures, convulsion, eye or muscle twitching, loss of awareness, involuntary movement, disorientation, or other discomfort. To reduce risk of these symptoms avoid prolonged use, hold your device some distance from your eyes, use your device in a well-lit room, and take frequent breaks.

Small parts contained in your device and its accessories may present a choking hazard to small children.

Wireless Safety and Compliance

Turn your wireless connection off in areas where wireless use is forbidden or when it may cause interference or danger. Some specific situations are described below. In general, you should not use your Nucleus device with your wireless connection turned on any place you are not allowed to use a cellular device.

Using Your Nucleus Device Around Other Electronic Devices

The Nucleus device generates, uses, and can radiate radio frequency (RF) energy and, if not used in accordance with its instructions, may cause interference to radio communications and electronic equipment. External RF signals may affect improperly installed or inadequately shielded electronic operating systems, entertainment systems, and personal medical devices. While most modern electronic equipment is shielded from external RF signals, if in doubt, check with the manufacturer. For personal medical devices (such as pacemakers and hearing aids), consult with your physician or the manufacturer to determine if they are adequately shielded from external RF signals.

Steps to Minimize Interference

If your Nucleus device causes interference to radio or television reception (which you can determine by turning your Nucleus device off and on), you can try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna for the radio or television; increase the separation between the radio or television and your Nucleus device; connect equipment and receivers to different outlets; or consult the radio or television manufacturer or an experienced radio/TV technician for help.

Watch for Signs

There are some places where RF signals could constitute a hazard, such as health care facilities, and construction sites. If you are not sure, look around for signs indicating that two-way radios or cell phones should be turned off.

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; and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital Device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada Statement

This device complies with Industry Canada's licence-exempt RSSs. 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 présent 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;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

EU Declaration of Conformity

Hereby, Nucleus Intercom, declares that this device is in compliance with the essential requirements and other relevant provisions of RTTE Directive 1999/5/EC. A copy of the EU Declaration of Conformity is available at: www.nucleuslife.com.

Recycling Nucleus Properly

In some areas, the disposal of certain electronic devices is regulated. Make sure you dispose of or recycle your Nucleus device in accordance with your local laws and regulations. For information about recycling the Nucleus device, go to www.nucleuslife.com.

Product Specifications

Display — 8 " diagonal display, 1028 x 800 high-resolution display, 16.7 million colors. Power — DC power adapter 5v 2100mA / POE 36V-54V 450mA.

Connectivity — USB 2.0 (micro-B connector). 802.11b/g/n Wi-Fi. Bluetooth 4.0

Operating temperature — 32°F to 95°F (0°C to 35°C).

Storage temperature — -4°F to 113°F (-20°C to 45°C).

Wi-Fi — 802.11b/g/n

LEGAL TERMS

Please read the terms found at: www.nucleuslife.com.

ONE-YEAR LIMITED WARRANTY

This Warranty for the Nucleus device (the “Device”) is provided by CloudTalk Inc., 16 W 22nd Street, 6th Floor, New York, NY 10010, United States. The provider of this warranty is sometimes referred to herein as “we.”

We warrant the Device against defects in materials and workmanship under ordinary consumer use for one year from the date of original retail purchase. During this warranty period, if a defect arises in the Device, and you follow the instructions for returning the Device, we will, at our option, to the extent permitted by law, either (i) repair the Device using either new or refurbished parts, (ii) replace the Device with a new or refurbished Device that is equivalent to the Device that is to be replaced, or (iii) refund to you all or part of the purchase price of the Device. This limited warranty applies, to the extent permitted by law, to any repair, replacement part or replacement device for the remainder of the original warranty period or for ninety days, whichever period is longer. All replaced parts and Devices for which a refund is given shall become our property. This limited warranty applies only to hardware components of the Device that are not subject to accident, misuse, neglect, fire or other external causes, alterations, repair, or commercial use.

Instructions. For specific instructions about how to obtain warranty service for your Device, please contact Customer Service using the contact information provided in this guide. In general, you will need to deliver your Device in either its original packaging or in equally protective packaging to the address specified by Customer Service. Before you deliver your Device for warranty service, it is your responsibility to backup any data, software, or other materials you may have stored or preserved on your Device. It is possible that such data, software or other materials will be lost or reformatted during service, and we will not be responsible for any such damage or loss.

Limitations. TO THE EXTENT PERMITTED BY LAW, THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, AND WE SPECIFICALLY DISCLAIM ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND AGAINST HIDDEN OR LATENT DEFECTS. IF WE CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE.

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This limited warranty gives you specific rights. You may have additional rights under applicable law, and this limited warranty does not affect such rights.

Additional Information

You can find the Nucleus License Agreement and Terms of Use, One-Year Limited Warranty, User's Guide, and other limited warranty and Nucleus information at www.nucleuslife.com.

Patent Notices

The Nucleus device and/or methods used in association with the Nucleus device may be covered by one or more patents or pending patent applications.

Copyright and Trademark Notices

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All other brands, product names, company names, trademarks, and service marks are the properties of their respective owners.

FCC:

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

IC:

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.