

Power/Status LED and LAN LED to indicate status.

LED	MEANING
Solid GREEN	The unit is working and boosting properly.
Blinking GREEN	Unit is scanning for networks to boost.
Blinking RED-ORANGE	Start-up sequence.
Blinking or Solid RED	The unit is in an error condition. Use the WAVE App to check the error meaning and remedy.
LED OFF	No power.
LED	MEANING
Solid GREEN	Connected with IP address.
Blinking GREEN	Physical link up, no IP address.
Blinking RED	Physical connection, error condition.
LED OFF	No connection.

Troubleshooting

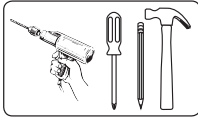
ISSUE	ACTION
Unit cannot find a signal to boost (PWR LED blinks GREEN for over 10 minutes).	Check the WAVE App for error messages, and check that an operator has been selected in Settings. Check donor antenna, cable, connections, and aim antenna. You may have to wait up to one hour if the unit is powering up for the first time.
WAVE App will not connect to the GO G51.	Make sure Bluetooth is enabled on your phone. Restart Bluetooth. Reinstall/retry WAVE App.
No LAN activity	The LAN port is only available to certified installers with WAVE Portal access.
All other issues	- Unplug and reinsert power. - Connect WAVE App for troubleshooting guidance.

qsg-go-g51_amer_26-0601

420N007-G51-001-20-RA

Additional Information

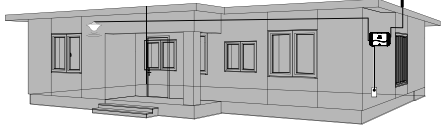
SAFETY: Please use proper safety measures when working on a ladder, lift, or roof



MOUNTING HARDWARE

NOTE: the **GO G51** may be mounted with the supplied **Mounting Screws** and **Drywall Anchors**. Before installing, ensure there are no wires, other objects, or metal plates under the mounting surface that may interfere with the inserts, screws, or mounted units.

Soft-Install Option: Before permanently mounting system components, temporarily place the antennas, **GO G51**, and cables, allowing for changes while optimizing the set up using **WAVE App** guidance. Longer cables or different antennas may be available from your supplier, if needed.



Antenna Kitting: The following antennas are authorized to be used with **GO G51**:

LPDA-R Antenna	Self-Install Directional Antenna	Patch Antenna	Whip Antenna	Indoor Omni Antenna	LP SISO Indoor Omni Antenna
A62-V44-201	A52-FV3-300	A41-NL3-100	A21-ML3-601	A11-V43-121	A11-H43-201
Donor Antenna					
✓	✓				
Server Antenna					
	✓	✓	✓	✓	✓



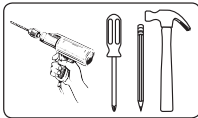
Additional Nextivity authorized antennas are available at:
<https://nextivityinc.com/antennas/>



Scan to access the latest web version of this document at:
<https://partners.nextivityinc.com/>

Additional Information

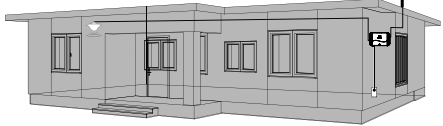
SAFETY: Please use proper safety measures when working on a ladder, lift, or roof



MOUNTING HARDWARE

NOTE: the **GO G51** may be mounted with the supplied **Mounting Screws** and **Drywall Anchors**. Before installing, ensure there are no wires, other objects, or metal plates under the mounting surface that may interfere with the inserts, screws, or mounted units.

Soft-Install Option: Before permanently mounting system components, temporarily place the antennas, **GO G51**, and cables, allowing for changes while optimizing the set up using **WAVE App** guidance. Longer cables or different antennas may be available from your supplier, if needed.



Antenna Kitting: The following antennas are authorized to be used with **GO G51**:

LPDA-R Antenna	Self-Install Directional Antenna	Patch Antenna	Whip Antenna	Indoor Omni Antenna	LP SISO Indoor Omni Antenna
A62-V44-201	A52-FV3-300	A41-NL3-100	A21-ML3-601	A11-V43-121	A11-H43-201
Donor Antenna					
✓	✓				
Server Antenna					
	✓	✓	✓	✓	✓



Additional Nextivity authorized antennas are available at:
<https://nextivityinc.com/antennas/>



Scan to access the latest web version of this document at:
<https://partners.nextivityinc.com/>

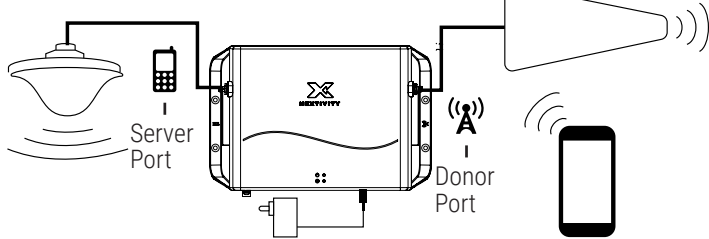


CEL-FI® GO G51

QUICK START GUIDE

KIT#: G51-CE-003

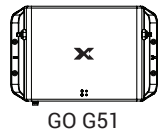
Example Installation



How it Works: Enhances in-building cellular coverage. For kit options, antennas, or cables, contact distributor or visit www.nextivityinc.com.

Basic Functionality: The **CEL-FI GO G51** connects to a donor antenna to receive signals from a selected operator's cellular network. It amplifies these signals and redistributes them through one or more server antennas to provide coverage where needed. The donor antenna should be installed in a location with strong signal strength—preferably outdoors and mounted at an elevated position. A splitter can be used to connect additional server antennas for expanded coverage. The **WAVE App** for smartphones and tablets enables operator selection, assists with donor antenna alignment, and provides system monitoring and performance visibility.

Included in the Box (Antennas & Cabling Sold Separately)



GO G51



AC Adapter



Mounting Screws (4)
Drywall Anchors (4)

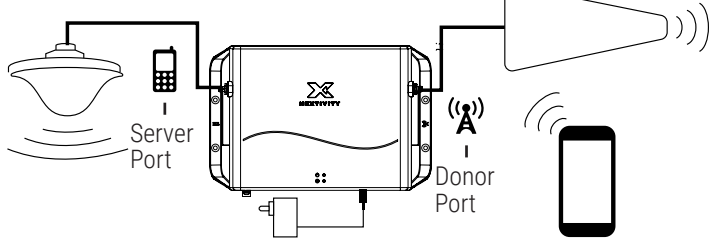


CEL-FI® GO G51

QUICK START GUIDE

KIT#: G51-CE-003

Example Installation



How it Works: Enhances in-building cellular coverage. For kit options, antennas, or cables, contact distributor or visit www.nextivityinc.com.

Basic Functionality: The **CEL-FI GO G51** connects to a donor antenna to receive signals from a selected operator's cellular network. It amplifies these signals and redistributes them through one or more server antennas to provide coverage where needed. The donor antenna should be installed in a location with strong signal strength—preferably outdoors and mounted at an elevated position. A splitter can be used to connect additional server antennas for expanded coverage. The **WAVE App** for smartphones and tablets enables operator selection, assists with donor antenna alignment, and provides system monitoring and performance visibility.

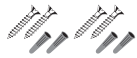
Included in the Box (Antennas & Cabling Sold Separately)



GO G51



AC Adapter



Mounting Screws (4)
Drywall Anchors (4)

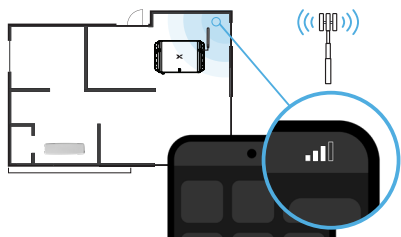
qsg-go-g51_amer_26-0601

420N007-G51-001-20-RA

Quick Installation

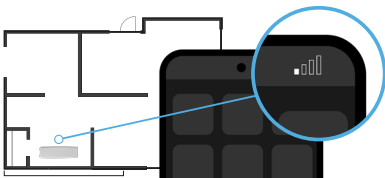
IMPORTANT: Your CEL-FI GO G51 is electronic equipment. The CEL-FI GO G51 must be kept indoors and in a dry, cool, well ventilated area.

1 Select GO G51 Location



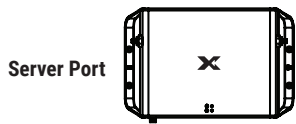
Place the **GO G51** where there is a strong cellular signal (usually near a window), and within reach of the AC Adapter power cable and power outlet.

2 Select Server Antenna Location



Ideally, the **Server Antenna** should be as far away from the Donor Antenna as possible (as far as the antenna cable will allow), with at least one wall separating them. If the **Server Antenna** cable is too short, it can be extended with a separate coaxial extension cable having SMA(m) & SMA(f) connectors (C200 series cables sold separately).

3 Attach Server and Donor Antennas

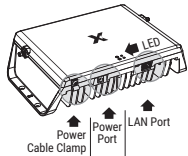


Connect the **Donor Antenna** and **Server Antenna** to the **GO G51**. Make sure to mount the **Server Antenna** horizontally.

The **Donor Antenna** should be separated/isolated as far away as possible from the **Server Antenna**, with greater separation providing best performance.



4 Plug In the GO G51



Plug the **AC cable** into the **adapter** included and then plug the DC cable from the **adapter** into the **GO G51** and secure it with the Power Cable Clamp next to the DC IN port. The **GO G51** status LED should begin to blink.

5 Nextivity WAVE

Download the Nextivity **WAVE App** to monitor system status or apply settings. If the **GO G51** is not pre-configured for your carrier, then use App Settings to select the carrier you wish to boost.



Scan to Download: The **WAVE App** is available for smartphones and tablets.



Download on the App Store

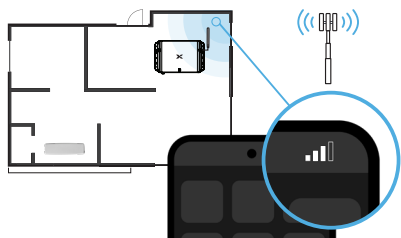


GET IT ON Google play

Quick Installation

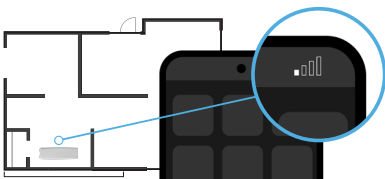
IMPORTANT: Your CEL-FI GO G51 is electronic equipment. The CEL-FI GO G51 must be kept indoors and in a dry, cool, well ventilated area.

1 Select GO G51 Location



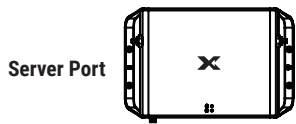
Place the **GO G51** where there is a strong cellular signal (usually near a window), and within reach of the AC Adapter power cable and power outlet.

2 Select Server Antenna Location



Ideally, the **Server Antenna** should be as far away from the Donor Antenna as possible (as far as the antenna cable will allow), with at least one wall separating them. If the **Server Antenna** cable is too short, it can be extended with a separate coaxial extension cable having SMA(m) & SMA(f) connectors (C200 series cables sold separately).

3 Attach Server and Donor Antennas

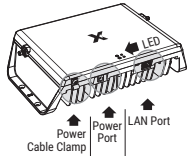


Connect the **Donor Antenna** and **Server Antenna** to the **GO G51**. Make sure to mount the **Server Antenna** horizontally.

The **Donor Antenna** should be separated/isolated as far away as possible from the **Server Antenna**, with greater separation providing best performance.



4 Plug In the GO G51



Plug the **AC cable** into the **adapter** included and then plug the DC cable from the **adapter** into the **GO G51** and secure it with the Power Cable Clamp next to the DC IN port. The **GO G51** status LED should begin to blink.

5 Nextivity WAVE

Download the Nextivity **WAVE App** to monitor system status or apply settings. If the **GO G51** is not pre-configured for your carrier, then use App Settings to select the carrier you wish to boost.



Scan to Download: The **WAVE App** is available for smartphones and tablets.



Download on the App Store



GET IT ON Google play

Advanced Installation

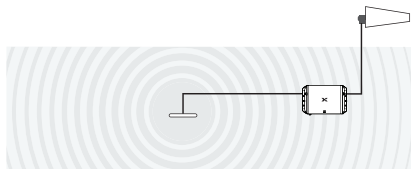
Coverage may be extended into other areas using additional low-loss cable, splitters and server antennas (rated for 50 Ω).

Recommended:

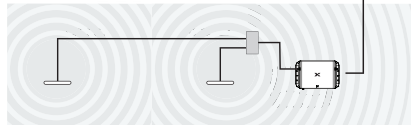
- > 20 dB port-to-port isolation for any splitter

Downlink power should be:

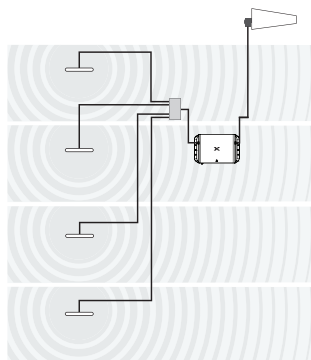
- > 0 dBm to use a two-way splitter
- > 3 dBm to use a four-way splitter



External Antenna



Splitting Server Antenna



Multi-Story

Advanced Installation

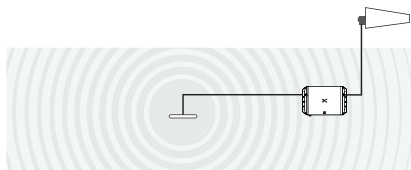
Coverage may be extended into other areas using additional low-loss cable, splitters and server antennas (rated for 50 Ω).

Recommended:

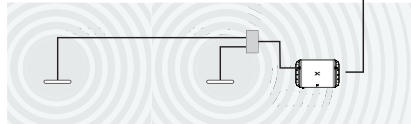
- > 20 dB port-to-port isolation for any splitter

Downlink power should be:

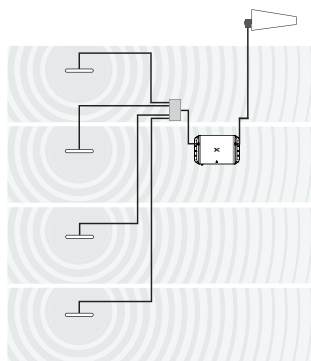
- > 0 dBm to use a two-way splitter
- > 3 dBm to use a four-way splitter



External Antenna



Splitting Server Antenna



Multi-Story



PRODUCT INFORMATION G51-CE

CAUTION

- Use CEL-FI QUATRA 100M indoors. It should not be used outdoors.
- The donor antenna(s) MUST be installed to ensure a minimum of 25.5 in (65 cm) separation distance from human body at all times.
- The server antenna(s) MUST be installed to ensure a minimum of 8 in (20 cm) separation distance from persons from human body at all times.
- These products are designed to be used with a direct plug-in power supply unit. When installing the equipment, all the requirements of the manufacturer and the referenced standards must be met.
- There are no user-serviceable parts inside.
- Changes or modifications to this product not expressly approved by Nextivity may void your right to operate the equipment.
- Only the antennas listed or approved by the manufacturer can be used with QUATRA 100M.
- This device may be operated ONLY in a fixed location for in-building use.
- Use of unauthorized antennas, cables, and/or coupling devices not conforming with ERP/EIRP and/or indoor-only restrictions is prohibited.

Warranty

Nextivity, Inc provides a limited warranty for its products. For details, please refer to nextivityinc.com/warranty

Limitation of Liability

In no event shall NEXTIVITY, nor its directors, employees, agents, suppliers or End Users, be liable under contract, tort, strict liability, negligence or any other legal or equitable theory with respect to the Products or any other subject matter of this Agreement (i) for any lost profits, cost of procurement of substitute goods or services, or special, indirect, incidental, punitive, or consequential damages of any kind whatsoever or (ii) for any direct damages in excess of (in the aggregate) the fees actually received by NEXTIVITY from End User with respect to the Products actually purchased and paid for.

WARNING

E911 location information may not be provided or may

be inaccurate for calls served by using this device.

Part 90 and Part 20 Signal Boosters THIS IS A 90.219 CLASS B DEVICE

WARNING. This is **NOT** a **CONSUMER** device. It is designed for installation by **FCC LICENSEES** and **QUALIFIED INSTALLERS**. You **MUST** have an **FCC LICENSE** or express consent of an **FCC Licensee** to operate this device. You **MUST** register Part 90 Class B signal boosters(as defined in 47 CFR 90.219) online. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

Regulatory Information: US FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- 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 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.



PRODUCT INFORMATION G51-CE

CAUTION

- Use CEL-FI QUATRA 100M indoors. It should not be used outdoors.
- The donor antenna(s) MUST be installed to ensure a minimum of 25.5 in (65 cm) separation distance from human body at all times.
- The server antenna(s) MUST be installed to ensure a minimum of 8 in (20 cm) separation distance from persons from human body at all times.
- These products are designed to be used with a direct plug-in power supply unit. When installing the equipment, all the requirements of the manufacturer and the referenced standards must be met.
- There are no user-serviceable parts inside.
- Changes or modifications to this product not expressly approved by Nextivity may void your right to operate the equipment.
- Only the antennas listed or approved by the manufacturer can be used with QUATRA 100M.
- This device may be operated ONLY in a fixed location for in-building use.
- Use of unauthorized antennas, cables, and/or coupling devices not conforming with ERP/EIRP and/or indoor-only restrictions is prohibited.

Warranty

Nextivity, Inc provides a limited warranty for its products. For details, please refer to nextivityinc.com/warranty

Limitation of Liability

In no event shall NEXTIVITY, nor its directors, employees, agents, suppliers or End Users, be liable under contract, tort, strict liability, negligence or any other legal or equitable theory with respect to the Products or any other subject matter of this Agreement (i) for any lost profits, cost of procurement of substitute goods or services, or special, indirect, incidental, punitive, or consequential damages of any kind whatsoever or (ii) for any direct damages in excess of (in the aggregate) the fees actually received by NEXTIVITY from End User with respect to the Products actually purchased and paid for.

WARNING

E911 location information may not be provided or may

be inaccurate for calls served by using this device.

Part 90 and Part 20 Signal Boosters THIS IS A 90.219 CLASS B DEVICE

WARNING. This is **NOT** a **CONSUMER** device. It is designed for installation by **FCC LICENSEES** and **QUALIFIED INSTALLERS**. You **MUST** have an **FCC LICENSE** or express consent of an **FCC Licensee** to operate this device. You **MUST** register Part 90 Class B signal boosters(as defined in 47 CFR 90.219) online. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

Regulatory Information: US FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- 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 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.

Regulatory Information: Canada
CAN ICES-3 (B)/NMB-3

WARNING: Industrial zone enhancers are NOT consumer devices. They are designed for installation by ISED licensees and qualified installers who have recognized RF training. You MUST be an ISED licensee or have the express consent of an ISED licensee to install or operate this device.

This device MUST ONLY be operated with approved antennas and cables as specified by the manufacturer. The donor and server antenna(s) of this device MUST be installed to always ensure a minimum of 25.5 in (65 cm) and 8 in (20 cm) separation distance from the human body respectively. To reduce oscillations, sufficient separation distance is recommended between the donor and server antennas of the zone enhancer system. You MUST cease operation of this device immediately if requested by ISED or a licensed wireless service provider. WARNING: E911 location information may not be provided or inaccurate for calls served by this device.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- This device may not cause interference, and
- This device must accept any interference, including interference that may cause undesired operation of the device.

FRENCH: **AVERTISSEMENT:** Les enrichisseurs de zone industriels ne sont PAS des appareils de CONSOMMATION. Ils sont conçus pour être installés par des titulaires de licence d'ISDE et des installateurs qualifiés qui ont reçu une formation reconnue en RF. Vous DEVEZ être le titulaire de licence d'ISDE ou avoir le consentement exprès du titulaire de licence d'ISDE pour installer ou exploiter cet appareil.

Cet appareil NE DOIT ÊTRE UTILISÉ qu'avec des antennes et des câbles approuvés, conformément aux indications du fabricant. La ou les antennes donneuse et serveur de cet appareil DOIVENT être installées de manière à toujours assurer une distance de séparation minimale de 25,5 po (65 cm) et 8 po (20 cm) du corps humain, respectivement. Afin de réduire les oscillations, il est recommandé de maintenir une distance de séparation suffisante entre les antennes du donateur

et du serveur du système d'enrichisseur de zone. Vous DEVEZ cesser d'utiliser cet appareil immédiatement à la demande d'ISDE ou d'un fournisseur de services sans fil autorisé. AVERTISSEMENT : Les informations relatives à la localisation pour le service E911 peuvent être non fournies ou inexactes pour les appels transitant par cet appareil.

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:

- L'appareil ne doit pas produire de brouillage, et
- L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Compliance Contact

All compliance certificates for this product are available at nextivityinc.com/doc. In the event of a regulatory compliance issue, please get in touch with Nextivity, Inc. directly. Nextivity, Inc can be contacted at nextivityinc.com/contact.

Trademark

CEL-FI, IntelliBoost, and the Nextivity logo are trademarks of Nextivity, Inc.

Patents

This product is covered by Nextivity, Inc., US patents and patents pending. Please refer to nextivityinc.com for details.

Copyright

Copyright © 2026 by Nextivity, Inc. All rights reserved. Reproduction or media conversion by any means is protected by copyright and may only occur with prior written permission of Nextivity. Designed by Nextivity in California.

Regulatory Information: Canada
CAN ICES-3 (B)/NMB-3

WARNING: Industrial zone enhancers are NOT consumer devices. They are designed for installation by ISED licensees and qualified installers who have recognized RF training. You MUST be an ISED licensee or have the express consent of an ISED licensee to install or operate this device.

This device MUST ONLY be operated with approved antennas and cables as specified by the manufacturer. The donor and server antenna(s) of this device MUST be installed to always ensure a minimum of 25.5 in (65 cm) and 8 in (20 cm) separation distance from the human body respectively. To reduce oscillations, sufficient separation distance is recommended between the donor and server antennas of the zone enhancer system. You MUST cease operation of this device immediately if requested by ISED or a licensed wireless service provider. WARNING: E911 location information may not be provided or inaccurate for calls served by this device.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- This device may not cause interference, and
- This device must accept any interference, including interference that may cause undesired operation of the device.

FRENCH: **AVERTISSEMENT:** Les enrichisseurs de zone industriels ne sont PAS des appareils de CONSOMMATION. Ils sont conçus pour être installés par des titulaires de licence d'ISDE et des installateurs qualifiés qui ont reçu une formation reconnue en RF. Vous DEVEZ être le titulaire de licence d'ISDE ou avoir le consentement exprès du titulaire de licence d'ISDE pour installer ou exploiter cet appareil.

Cet appareil NE DOIT ÊTRE UTILISÉ qu'avec des antennes et des câbles approuvés, conformément aux indications du fabricant. La ou les antennes donneuse et serveur de cet appareil DOIVENT être installées de manière à toujours assurer une distance de séparation minimale de 25,5 po (65 cm) et 8 po (20 cm) du corps humain, respectivement. Afin de réduire les oscillations, il est recommandé de maintenir une distance de séparation suffisante entre les antennes du donateur

et du serveur du système d'enrichisseur de zone. Vous DEVEZ cesser d'utiliser cet appareil immédiatement à la demande d'ISDE ou d'un fournisseur de services sans fil autorisé. AVERTISSEMENT : Les informations relatives à la localisation pour le service E911 peuvent être non fournies ou inexactes pour les appels transitant par cet appareil.

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:

- L'appareil ne doit pas produire de brouillage, et
- L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Compliance Contact

All compliance certificates for this product are available at nextivityinc.com/doc. In the event of a regulatory compliance issue, please get in touch with Nextivity, Inc. directly. Nextivity, Inc can be contacted at nextivityinc.com/contact.

Trademark

CEL-FI, IntelliBoost, and the Nextivity logo are trademarks of Nextivity, Inc.

Patents

This product is covered by Nextivity, Inc., US patents and patents pending. Please refer to nextivityinc.com for details.

Copyright

Copyright © 2026 by Nextivity, Inc. All rights reserved. Reproduction or media conversion by any means is protected by copyright and may only occur with prior written permission of Nextivity. Designed by Nextivity in California.



U.S. Headquarters: Nextivity, Inc.
16550 West Bernardo Drive, Bldg. 5, Suite 550, San Diego, CA 92127 • www.nextivityinc.com
Phone: +1 858.485.9442
UK: Nextivity Ltd.: Unit 9, Basepoint Business Centre Rivermead Drive, Westlea Swindon SN5 7EX

legal_quatra-100m-amer-eng_25-1212

420N007-Q51-002-10-RA



U.S. Headquarters: Nextivity, Inc.
16550 West Bernardo Drive, Bldg. 5, Suite 550, San Diego, CA 92127 • www.nextivityinc.com
Phone: +1 858.485.9442
UK: Nextivity Ltd.: Unit 9, Basepoint Business Centre Rivermead Drive, Westlea Swindon SN5 7EX

legal_quatra-100m-amer-eng_25-1212

420N007-Q51-002-10-RA