

ReadyNet Easy Jack 2
Voice/Data and Data Only
Owner's Manual
PX-211d and PX-211v

ReadyNet

CONNECTIVITY SIMPLIFIED



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Safety Precautions

Warning

Refer all repairs to the company from which you purchased the product or from the manufacturer. Any repairs made by the user may void the warranty.

Safety Precautions

- Read and understand all instructions.
- Follow all warnings and instructions marked on the system and in this guide.
- Unplug this equipment from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Instead, use a moderately damp cloth. (A cloth dampened with rubbing alcohol or window cleaner works well.)
- Do not use this equipment near water; for example, near a bath tub, washbowl, kitchen sink or laundry tub, in a wet basement, or in or near a swimming pool.
- Never place this equipment near or over a heat radiator or register, nor should it be placed in a built-in installation unless proper ventilation is provided.
- Only operate this equipment using the type of power supply (110V) indicated in this guide and on the equipment's label. If you are unsure which type of power with which your home or building is supplied, consult your local power company.
- Never spill liquid of any kind on the equipment.
- To reduce the risk of electric shock, do not disassemble this equipment. Send to a qualified service facility when repair is required.
- Opening or removing the plastic casing may cause exposure to high voltage circuits and other dangers. Electric shock may occur as a result.
- Unplug the equipment from the wall outlet and refer servicing to a qualified facility if any of the following situations occur:
 - A.** The AC plug is damaged.
 - B.** The equipment has been exposed to water or other liquid (including rain and snow).
 - C.** The equipment does not function properly after following the installation instructions.
 - D.** The equipment has been dropped or the plastic casing has been damaged.
- Avoid using a telephone, other than a cordless phone, during an electrical storm. There is a risk of electric shock from lightning.
- As with any electrical device, it is recommended you unplug this equipment during lightning storms in order to avoid damaging the equipment.

Regulatory Information

FCC Notices

This equipment has been tested and found to comply with the limits for a Class B digital device according to FCC Part 15 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, can cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a standard 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 can relocate the receiving antenna or increase the separation between the equipment and receiver.

This equipment complies with Part 68 of the FCC Rules and the requirements of ACTA. The FCC product identifier 1HMTKX0BPX211 is listed on the product label. If requested, this number must be provided to the telephone company.

This equipment cannot be used with telephone company-provided coin service or Party Line Service. This equipment uses RJ-11 connectors. Only telephone cables meeting FCC Part 68 requirements, such as the one supplied with our equipment, can be used with the product.

If this equipment causes problems with the phone line, the telephone company can discontinue your service. The telephone company should notify you in advance. If advance notice is not possible, the telephone company should notify you as soon as possible and should advise you of your right to file a complaint with the FCC.

The telephone company could make changes regarding its facilities and procedures, which may affect the operation of this equipment. If this occurs, the telephone company should provide advance notice, so you can make the necessary modifications to maintain uninterrupted service.

Ringer Equivalence

Notice: The Ringer Equivalence number (REN) for this equipment is 0.1B. The REN assigned to the equipment provides an indication of the maximum number of devices that can be connected to the telephone network. The sum of the REN of all devices connected to a single line should not exceed five (5.0).

Industry Canada Notice for Models Sold in Canada

Notice: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This equipment is confirmed by a registration number. The abbreviation IC, before the registration number, signifies that registration was performed based on a Declaration of Conformity, indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Getting Started

Thank you for purchasing the ReadyNet Easy Jack 2 Voice/Data (PX-211v) or Data Only* (PX-211d*). Use the ReadyNet Easy Jack 2 contents to connect satellite receivers, phones, VoIP phones, fax machines and dial-up modems to an existing phone line at any convenient 110V electrical outlet.

Unpacking

Carefully remove contents from the packaging. If there is any visible damage, do not operate; notify the shipper or dealer from which you purchased the product immediately. Keep this user guide for future use.

Package Contents

The package should contain the items listed below. If any of these items are not included, notify the shipper or dealer from which you purchased the product.

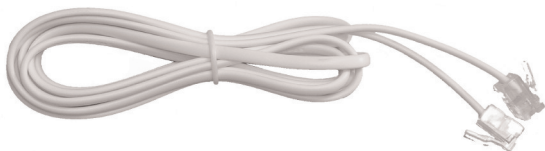
Base Unit: The base unit has two phone connectors on the right side (one labeled PHONE, the other labeled LINE), an indicator light on the bottom, right corner and a push button on the bottom, right side. It is also labeled BASE on both the voice/data and data-only versions.



Extension Unit: The extension unit has a single phone connector on the right side, an indicator light on the bottom, right corner and a push button on the bottom, right side. It is also labeled EXTENSION on both the voice/data and data-only versions.



Six-Foot Telephone Cord: A six-foot telephone cord is provided to connect the base unit to the existing wall phone jack.



System Setup

Follow the steps below to ensure proper functionality of your ReadyNet Easy Jack 2.

Installation

1. Plug the base unit (two phone connectors) into an electrical outlet near an established wall phone jack.

NOTE: Do not plug base or extension unit into surge protectors, plug strips, extension cords, other A/C power extension devices or GFCI protected outlets. The equipment works best when plugged directly into electrical outlets.

NOTE: The indicator light on the base unit will illuminate red, once it has been plugged into the electrical outlet.

2. Insert one end of the provided six-foot phone cord into a functioning wall phone jack. Plug the other end of same phone cord into the phone connector on the base unit labeled LINE.
3. After you have plugged the base unit into an electrical outlet, plug the extension unit into an A/C outlet where you desire connection.

NOTE: The indicator light on the extension unit will blink red. As soon as it recognizes the base unit, the indicator light will then illuminate green. The indicator light on the base unit will illuminate green as well, just after it has recognized the extension unit.

4. Your wireless phone jack is now ready for use.

Test

1. To ensure you have completed the installation successfully, use a handset phone, cordless phone or a phone-line testing device to help verify your extension unit has a dial tone.

NOTE: The indicator light on base and extension units will blink green when the handset connected to the extension unit is taken off hook.

2. Plug your chosen handset telephone, cordless telephone or phone-line testing device into the single phone connector on your extension unit, and check for a dial tone. Is there a dial tone? If so, you have successfully set up the link between the base and extension units.
3. If you have any questions or issues, send us an e-mail at customerservice@readynetsolutions.com, or call customer service between 8 a.m. and 5 p.m. (MST) at 800-437-0101 ext. 140.

Connecting Other Devices

Satellite Receiver

Follow these steps to connect a satellite receiver to the ReadyNet Easy Jack2 extension unit:

- 1.** Locate an existing electrical outlet near the satellite receiver.
- 2.** Plug the extension unit into the electrical outlet.
- 3.** Plug one end of a phone cord into the single phone jack on the right side of the extension unit.
- 4.** Plug the other end of a phone cord into the phone jack on the back of the satellite receiver.
- 5.** Look for a green indicator light on the front of the extension unit. If indicator light remains red, refer to the Troubleshooting section.

Telephone

Follow these steps to connect a telephone to the ReadyNet Easy Jack2 Voice/Data extension unit:

- 1.** Locate an existing electrical outlet near the prospective location for your phone.
- 2.** Plug the extension unit into the electrical outlet.
- 3.** Plug the cord from your phone into the single phone jack on the extension unit.
- 4.** Look for a green indicator light on the front of the extension unit. If the indicator light remains red, refer to the Troubleshooting section.
- 5.** Pick up the phone's handset and listen for a dial tone. If there is no dial tone, refer to the Troubleshooting section.

Fax Machine

Follow these steps to connect a fax machine to the ReadyNet Easy Jack2 extension unit:

- 1.** Locate an existing electrical outlet near your fax machine.
- 2.** Plug the extension unit into the electrical outlet.
- 3.** Plug one end of a phone cord into the single phone jack on the right side of the extension unit.
- 4.** Plug the other end of a phone cord into the phone jack on the fax machine.
- 5.** Look for a green indicator light on the front of the extension unit. If the indicator light remains red, refer to the Troubleshooting section.
- 6.** Check for a dial tone. If there is no dial tone, refer to the Troubleshooting section.
- 7.** If possible, send a test fax from the fax machine you just connected. If you cannot send a test fax, ensure you have a dial tone.

Dial-Up Modem

Follow these steps to connect a dial-up modem to the ReadyNet Easy Jack 2 extension unit:

- 1.** Locate an existing electrical outlet near your dial-up modem.
- 2.** Plug the extension unit into the electrical outlet.
- 3.** Plug one end of a phone cord into the single phone jack on the right side of the extension unit.
- 4.** Plug the other end of a phone cord into the phone jack on the dial-up modem.
- 5.** Look for a green indicator light on the front of the extension unit. If the indicator light remains red, refer to the Troubleshooting section.
- 6.** Send a test call from the dial-up modem you just connected.

VoIP Phone Connection

Follow these steps to extend your VoIP phone service† to any electrical outlet in your home using a ReadyNet Jack 2 for Voice/Data extension unit††:

- 1.** Locate an existing electrical outlet near your VoIP telephone adaptor.
- 2.** Plug the base unit into the electrical outlet.
- 3.** Plug one end of a phone cord into the phone jack on the right side of the base unit labeled LINE.
- 4.** Look for a solid red indicator light on the base unit.
- 5.** Plug the other end of a phone cord into one of the phone jacks on your VoIP telephone adaptor.
- 6.** Plug the extension unit into an A/C outlet where you desire a phone connection.
- 7.** Connect the phone to the single phone connector on the right side of the extension unit.
- 8.** Look for a green light on the front of the extension unit. If the indicator light remains red, refer to the Troubleshooting section.
- 9.** Pick up the phone handset, and listen for a dial tone. If there is no dial tone, refer to the Troubleshooting section.

Programming Additional Extension Units

If you would like to add extension units to your current setup, or the indicator light on the extension unit remains red after following the proper installation procedure, you must program the new extension unit to function with the other units. To do so, follow these steps.

1. Press and release the button on the bottom right side of the base unit (two phone connectors), which puts the base unit into program mode. The indicator light on the base unit will begin to flash orange. This retains the current link code, and allows newly added extension units to obtain the same link code.

NOTE: The base unit is in program mode only when the indicator light is flashing orange.

NOTE: If you press and hold the button on the base unit and it turns solid red before it begins to flash orange, you need to press and release the button on all extension units.

NOTE: Ensure neither the base or extension unit is plugged into a surge protector, plug strip, extension cord, other A/C power extension device or GFCI-protected outlet.

2. Press and release the button on the right side of the added extension unit, or the one with a solid red indicator light. The indicator light on the extension unit will flash red; then turn solid green.
3. If you are adding more than one extension unit, press and release the button on each added extension unit. The indicator light on every extension unit will flash red; then turn solid green.

NOTE: If you press and release the button on the extension unit and it does not turn green when the base is in program mode, press and release the button on the extension unit again.

NOTE: Do not press the button on the extension unit while the light is flashing; wait until the indicator light is not flashing.

NOTE: If you press and release the button on the extension unit when the base unit is not in program mode, the indicator light will flash red for about ten seconds and then turn solid red. If you intend to program the extension unit, place the base unit into program mode and attempt to program the extension unit again. If you do not intend to program the extension unit, unplug the extension unit, and plug it back in to restore a solid green indicator light.

4. When you have finished programming the extension units, press the button on the right side of the base unit. This takes the base unit out of program mode and the indicator light turns green. Ensure the indicator lights on the base and extension units are solid green.

NOTE: If you forget to press the button on the base unit after programming the extension units, the base unit will remain in program mode for five minutes and then return to normal operating mode. After five minutes, the base unit's indicator light returns to solid green.

Troubleshooting

Refer to the following table for common troubleshooting measures.

Problem	Explanation and Action
Indicator light not illuminated on base unit and/or extension	Either the indicator light itself has failed or the unit is not getting power. Ensure the unit is plugged directly into a functional A/C outlet—not a switched outlet, plug strip, unit surge suppressor, extension cord or GFCI-protected outlet. Try various electrical outlets. If problem persists, contact customer support at 1-800-437-0101, ext. 140.
Extension unit's light is solid red	Most likely, the extension unit cannot communicate with the base unit for one of the following reasons: <ul style="list-style-type: none">• Base unit has yet to be installed. Install base unit. (Refer to the Set Up section.)• Extension is too far from the base unit. Relocate either the base or extension unit to another electrical outlet. If indicator light on extension unit remains solid red, reprogram the link code on extension unit (see Troubleshooting.)
Base Unit's indicator light is flashing orange	Base unit is in program mode. If extension units are already programmed, press the button on the right side of the base unit. The indicator light should turn solid green.
Base unit's indicator light is solid red	Either the extension unit has not been installed or it cannot communicate with the base unit. Ensure the extension unit is installed. If problem persists, you may need to program the link code on the extension unit to match the base unit (see Link Setup section). To reprogram the link code on base and extension units, see Troubleshooting section (Incorrect product function). If problem persists, contact customer support at 1-800 437-0101, ext. 140.
No dial tone	Follow the instructions below to resolve your difficulty: <ul style="list-style-type: none">• Indicator light on base and/or extension units are not green; refer to the troubleshooting steps involving indicator lights.• Telephone cord has not connected extension unit to desired device i.e. satellite receiver, phone, fax machine etc.). Plug one end of phone cord into device and the other into phone jack on the right side of extension unit.• Phone cord has not connected wall phone jack to base unit. Plug one end of provided six-foot phone cord into existing wall phone jack and the other end into phone jack on the right side of base unit labeled LINE.• One of the phone cords is faulty. Replace phone cord(s).• Extension unit cannot communicate with base unit (solid red indicator light). Move base and/or extension unit to another electrical outlet.

Noise/static (Heard while on the phone)	Typically caused by interference on the electrical wiring. Potential sources are halogen lamps, light dimmers, touch lamps, fluorescent lights, battery chargers and surge protectors. Move base and/or extension unit to another electrical outlet away from these types of devices. You could also use an A/C line filter with the device causing the interference. (Do not plug the Easy Jack 2 base or extension unit into an A/C filter.)
Cannot dial out	Problem can be caused by interference on electrical wiring. Refer to the Noise/static step.
Does not ring	Problem can be caused by interference on electrical wiring. Refer to the Noise/static step.
Incorrect product function (creating a new code for the base unit and extension unit(s))	Follow these steps: <ul style="list-style-type: none"> • Press and hold the button on the right side of the base new code for the base unit and extension unit(s) unit until the indicator light changes to solid red. (Approximately five seconds.) • Release the button, then the indicator light will blink orange. This creates a new link code and places the base unit into program mode. • Follow steps (2) and (3) in the Additional Extension Units section for all extension units. • Press and release the button on the base unit to take it out of program mode. The indicator light will change from flashing orange to solid green.

Important Notes on Operation

- Do not plug equipment into a surge protector, plug strip, A/C extension devices or GFCI-protected outlets. Doing so can negatively affect performance.
- Equipment will not operate during a power outage. Use a hardwired phone during a power outage.
- Equipment can only be used for a single phone line.
- If you cannot get a dial tone, refer to the Troubleshooting section.
- Follow all directions in the order presented. If you experience trouble, restart the installation process from the beginning of the Installation section...or refer to the Troubleshooting section.

Things You Should Know

To ensure the best performance possible for the ReadyNet Easy Jack 2 for Voice/Data (PX-211v) and Data Only (PX-211d), ReadyNet is providing clarification for the following items:

Power Outages†:** During a power outage, only the phone/device plugged into the base unit will operate. If it is a cordless phone that requires A/C power, it will not function at all. It is also a good idea to unplug your equipment during a power outage.

Two-Line Phone Operations: If two lines are being used, only one line can operate through the ReadyNet Easy Jack 2 for Voice/Data (PX-211v) and Data Only (PX-211d). A base unit and extension unit connection will only operate the phone line to which the base is connected.

Ground Fault Circuits: If possible, avoid using GFCI-protected outlets (e.g. bathrooms, outdoor use, etc.). They reduce signal strength.

One-Year Limited Warranty

ReadyNet warrants that for one year from date of purchase this product is free from defects in material and workmanship. If the item is defective within that period, return it, at your expense, to the dealer from whom it was purchased with proof of purchase. This warranty excludes defects or damage due to misuse, abuse or neglect.

IN NO EVENT SHALL READYNET BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER IN CONTRACT, TORT OR NEGLIGENCE.

Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damages. Therefore, the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Customer service: For additional setup help, call us at 1-800-437-0101, ext. 140.

* The ReadyNet Easy Jack 2(PX-211d) Voice/Data will not interoperate with the ReadyNet Easy Jack 2 Data Only (PX-211v).

** During power outages, your VoIP phone service will not be available if you have disconnected your standard phone service, even if you are using your home's existing wiring.

† If you use VoIP phone service in your home, 911 emergency service is not available during power outages. Contact your VoIP provider for options.

†† When connecting the extension unit to another device of your choice,