More information

You can find more information about NetX and iPronto in iPronto Online Help at http://www.pronto.philips.com/products/ipronto/help or via the iPronto Portal in layout 8 on your iPronto. You can also consult the FAQ section on http://www.pronto.philips.com for more information.

FAQ

Can I restore the factory default settings of the NetX?
Yes. Press and hold the Configuration button on the NetX for more than 5 seconds.

My NetX has switched to its default settings. Why?
When you press the Configuration button on the NetX for more than 5 seconds, its settings are reset. You have to reconfigure the NetX.

The NetX has left Configuration Mode. Why?
When you have not started configuring within 10 minutes after pressing the Configuration button on the NetX, the NetX automatically switches back to Use Mode. Press the Configuration button to enter Configuration Mode again.

What do the different colors of the NetX LED mean?
Red. The NetX is powered, but not (properly) configured.
Orange. The NetX is configured.
Green. The NetX is sending out IR signals.
Blinking slowly. The NetX is in Configuration Mode.
Blinking fast. The NetX will start rebooting in a few moments.

My iPronto does not detect the NetX. What can I do?
During the configuration, your iPronto and the NetX communicate directly with each other. Move the iPronto closer to the NetX.

iProntoEdit does not autodetect the NetX. Why not?
iProntoEdit can only autodetect the NetX when they are connected to the same wireless network. If they are not on the same wireless network, you have to manually fill in the NetX name in iProntoEdit.

I cannot find the exact location of the A/V device's receiving eye.
Check the manual of the A/V device. The receiving eye is behind a dark plastic window on the front of the A/V device. When still in doubt, contact your supplier or the manufacturer.

The dual IR emitters are no longer adhesive. What can I do?
Replace the adhesive with a piece of transparent two-sided tape.

FCC STATEMENT

This equipment has been tested and complies with the specifications 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 according to 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 is found 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 or devices
• Connect the equipment to an outlet other than the receiver's
• Consult a dealer or an experienced radio/TV technician for assistance

FCC CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
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.

NetX Getting Started Guide

PHILIPS

The **NetX** is a part of the Philips Connected Planet solution and extends the control of iPronto beyond the line of sight and into multiple rooms.
Via the NetX your iPronto can control your A/V and Home Control devices from virtually any location in your home.

The NetX receives signals sent out by **iPronto** via your WiFi 802.11b wireless home network and converts them into **infrared (IR) signals**. These IR signals are then sent out to your IR controlled A/V and home control devices.
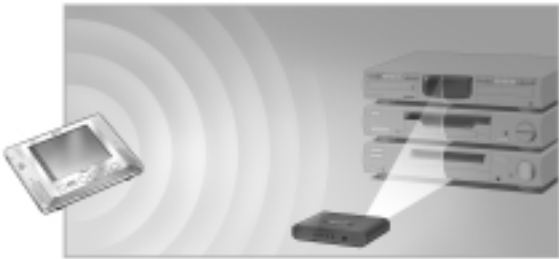
Dual IR Emitters
By attaching the dual IR emitters on your A/V devices you can extend the range of the NetX for places difficult to reach.

Universal power supply (100-240 Volt) with international power adapters.

The **LED** indicates whether the NetX has no network connection (red), whether the NetX has network connection (orange) or whether the NetX is sending out IR signals (green).

The **IR Blaster** sends out IR codes in all directions. Just make sure the A/V devices you want to operate with the NetX are in its range.

Press this **Configuration button** with a pointy object to bring the NetX into Configuration Mode. On iPronto you enter the settings to configure your NetX. Pressing the Configuration button for more than 5 seconds resets the NetX's factory defaults.
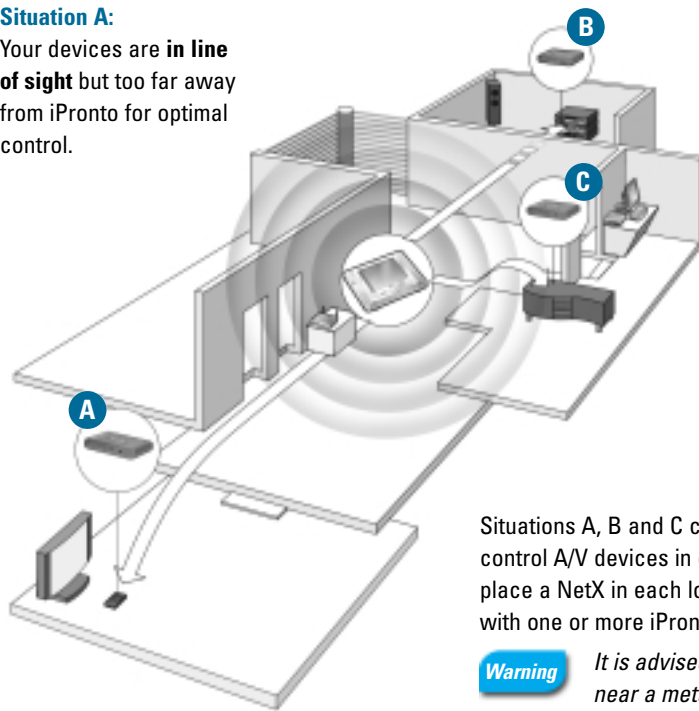
---

1 Placing the NetX

Before you install the NetX, you should decide which situation applies to your needs.

Positioning the NetX in the Wireless 802.11b Network

Situation A:
Your devices are **in line of sight** but too far away from iPronto for optimal control.

Situation B:
You have A/V devices spread over **multiple rooms** and you want to control them with iPronto from another room.

Situation C:
Your A/V devices are inside a **closet**, a rack or another piece of furniture and you want to control them with your iPronto.

Situations A, B and C can be combined. If you want to control A/V devices in different locations, you should place a NetX in each location. You can control all NetXs with one or more iProntos.

Warning It is advised not to place the NetX inside or near a metal closet as the signals can be disturbed by metal objects.

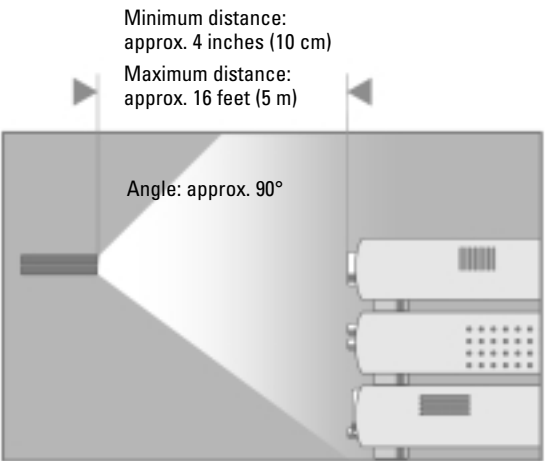## 2 Controlling your A/V and Home Control Devices with the NetX

Note It is useful to place the NetX only after you have configured it, because it may be difficult to reach the Configuration button otherwise.

Using the IR Blaster

• **Aim the IR blaster (dark plastic window on the front of the NetX) at your A/V devices.**

Make sure there are no objects between the NetX and the receiving eyes of the A/V devices, so that the IR signals can reach the receiving eyes.

Minimum distance: approx. 4 inches (10 cm)
Maximum distance: approx. 16 feet (5 m)

Angle: approx. 90°

It is possible to reflect the IR signals of the IR blaster against a flat surface such as a wall or a closet door.

Using the Dual IR Emitters

You can use the dual IR emitters as an alternative for the IR blaster. The IR emitters can control A/V devices the IR blaster cannot reach, for instance when there is limited space around the receiving eyes of the A/V devices, e.g. in a small closet.
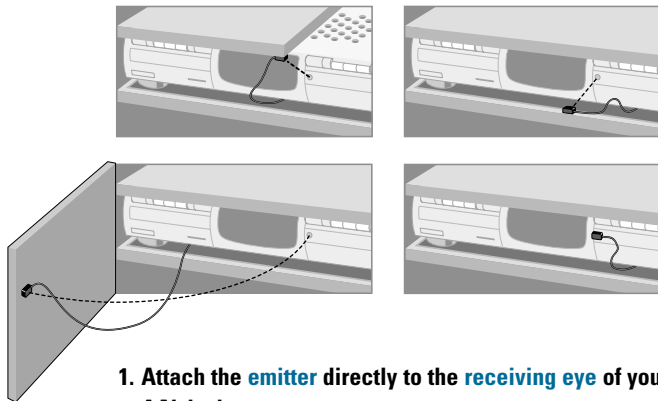
1. **Attach the emitter directly to the receiving eye of your A/V device.**

   -or-

   Attach the emitter to a surface above, below or in front of the receiving eye of your A/V device.

2. **Plug the other end of the dual IR emitter into the socket on the back of the NetX.**
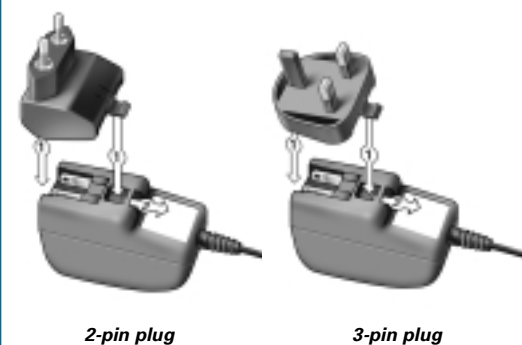
3 — Powering the NetX

1. **Check** which type of power socket you have in your home and then follow one of the procedures below.

1. **Flip up** the two metal pins of the power adapter as shown in the illustration.

-or (outside the US) -

1. **Select** the correct plug.
2. **Place** the plug on the power adapter and **slide it** into the opening until it clicks.

2-pin plug   3-pin plug

2. **Plug** the power adapter into the **NetX**.

3. **Plug** the other end of the power adapter into the **socket**.

The red LED appears.
- When an orange LED appears after 15 seconds, go to procedure 5 "Linking your A/V Devices to the NetX with iProntoEdit".
- When the LED remains red, you need to perform the steps in procedure 4, "Configuring the NetX for your Wireless Network".

## 4 — Configuring the NetX for your Wireless Network

During the configuration, iPronto will connect directly to the NetX. Therefore, make sure your iPronto is within the range of the NetX.

You can find more information about using iPronto in iPronto Online Help at http://www.pronto.philips.com/products/ipronto/help or via the iPronto Portal in layout 8 on your iPronto.

1 Press the **Configuration button** briefly with iPronto's stylus or another pointy object.
The NetX switches to Configuration Mode.
The LED on the top of the NetX starts to blink slowly.

Note *You cannot configure the NetX while EPG data are being downloaded or while an iCF is being downloaded or uploaded.*

*You cannot configure multiple NetXs simultaneously.*
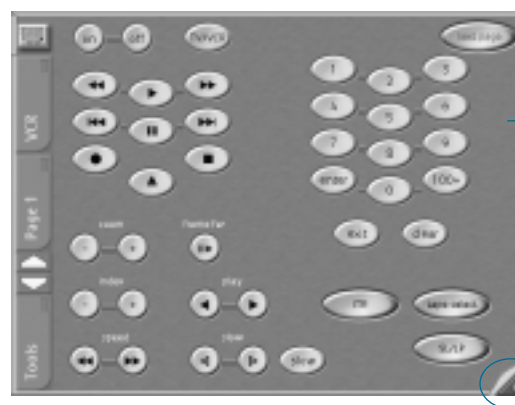
2 On your **iPronto**, navigate to a Remote Control application.

3 Tap and hold to access the Remote Control settings.
The Remote Control flipside appears.
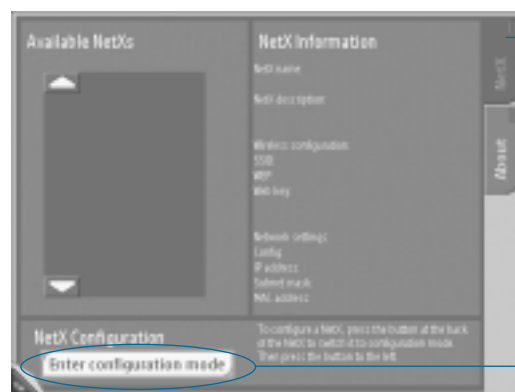
4 On the Remote Control flipside, select the **NetX tab**.
Your new NetX is not listed yet, because it is not configured for your wireless network at this moment.

5 Tap Enter configuration mode at the bottom of the NetX tab.
iPronto starts looking for NetXs. When the NetX is found, the NetX Configuration screen appears.
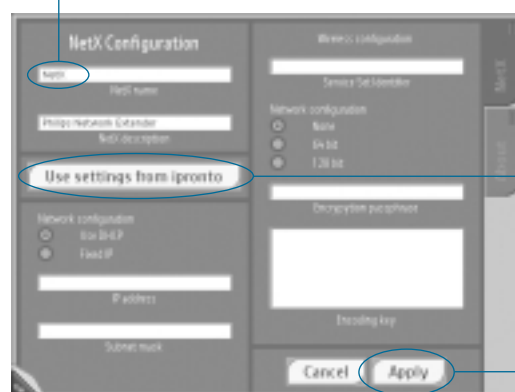
6 Enter a specific **NetX Name**, so that iPronto and iProntoEdit can identify the NetX in your wireless network.
You can name your NetX after the room it is placed in, for example "living room".
Additionally, you can type a description for your NetX.

7 Tap Use settings from ipronto to automatically adopt the iPronto settings for the NetX.
All settings are copied. Only when your iPronto uses Fixed IP, you have to fill in an IP address for the NetX in the IP address field.
If you do not want to adopt iPronto's settings, you can manually fill in these fields.
This may be the case when the NetX is in a different wireless network.

8 Tap Apply to save the settings that you have made.
The NetX will reboot and is ready for use. Within 30 seconds the orange LED appears on the NetX.
If the orange LED does not appear within 30 seconds, perform the steps in procedure 4 "Configuring the NetX for your Wireless Network" again.

You can tap Cancel or to stop configuring without saving the changes that you have made.
On your iPronto the NetX tab appears again and the configured NetX appears in the list.

List of configured NetXs.

Multiple NetXs
If you have multiple NetXs, repeat the steps in procedure 4 "Configuring the NetX for your Wireless Network" for every NetX.

5 — Linking your A/V Devices to the NetX with iProntoEdit

In iProntoEdit you define for which A/V devices your iPronto has to send out signals via the NetX. To do this automatically, your PC and the NetX need to be connected via the same wireless network.

You can find more information about using iProntoEdit in iProntoEdit Help via the Help menu in iProntoEdit.

1. **Open iProntoEdit** on your computer.

2. **Open the iCF.**
   -or-
   Click the button to upload your iCF from your iPronto to iProntoEdit.
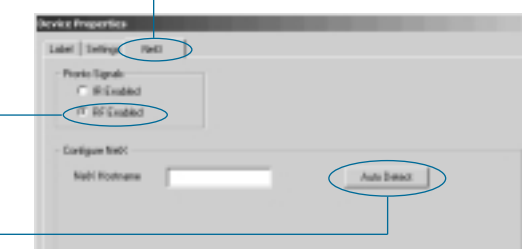   In the tree view, select the A/V device that you want to control with the NetX.

3. **Click the** button in the toolbar.
   The Device Properties appear.

4. **In the Device Properties, select the NetX tab.**

5. **Select the RF enabled** radio button to use your device with the NetX.

6. **Click the AutoDetect button to automatically detect all NetXs in your home network.**
   The 'Looking for NetXs' window appears in which you can select your NetX.
   -or-
   Enter the name of the NetX you are using for this device in the NetX Hostname field.

7. **Save the iCF.**

8. **Click the** button to download the iCF from iProntoEdit to your iPronto.
   After downloading, iPronto can be used with the NetX.

Congratulations! You have fully configured your NetX in your home network.

6 — Using iPronto with the NetX

After configuring and placing the NetX, test whether iPronto is working with the NetX over your wireless home network:

1. **On iPronto, select a Remote Control application.**
2. **Navigate to an A/V device that you have linked to the NetX.**
3. **Tap several buttons and check whether the A/V device reacts.**
   If the A/V device does not react:
   - Follow the steps in procedure 4, "Configuring the NetX for your Wireless Network" and procedure 5 "Linking your A/V Devices to the NetX with iProntoEdit" again.
   - Configure the iPronto buttons with actions. In iProntoEdit you can check whether the correct actions are attached to the buttons.
     You can also learn functions with your iPronto.
   - Consult the FAQ section on http://www.pronto.philips.com/.