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Pronto: The Home Theater Control Panel

Pronto is a Home Theater Control Panel that allows maximum flexibility and customization for even the most sophisticated home entertainment system. It can control almost any device that understands infrared (IR) remote control signals. Its intuitive interface makes it a perfect remote control for every user.

Pronto is easy to configure. It contains a huge universal database where IR codes are stored to control different brands for all kinds of video, audio devices and even home automation equipment. By default Pronto is set up to control Philips or Marantz devices. For other brands you simply choose the brands of your devices when you use Pronto for the first time.

Pronto offers you some extra powerful features:

- You can create and edit macros, allowing you to send a series of commands with one single touch.
- You can choose to have Pronto working with radio frequency (RF) signals to operate devices from a distance or from an adjacent room. To do this, you need an optional RF Extender that converts Pronto RF signals into IR signals.

With ProntoEdit software you can create your own screens and define a personal look. ProntoEdit's Online Help system (accessible via the 'Help' icon in ProntoEdit) will guide you through the process. You can find ProntoEdit on the included CD-ROM and on the Philips website www.pronto.philips.com. See "ProntoEdit" on page 37 for more information.

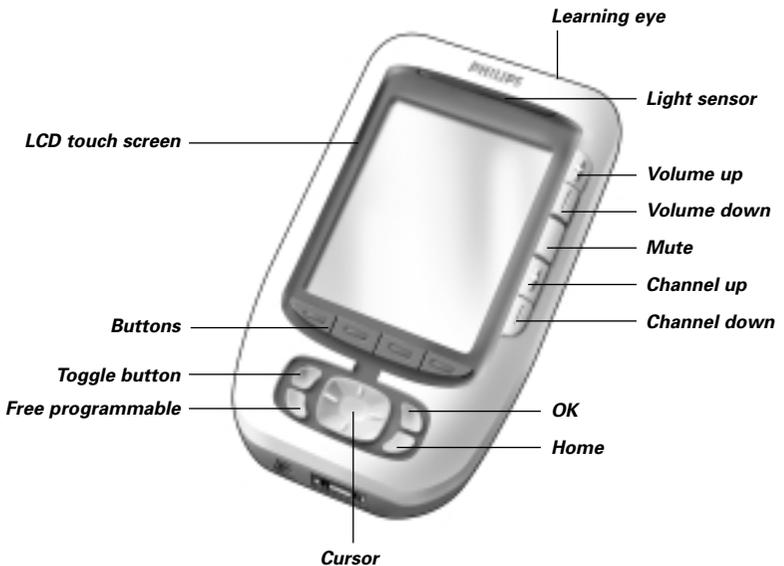
The Device

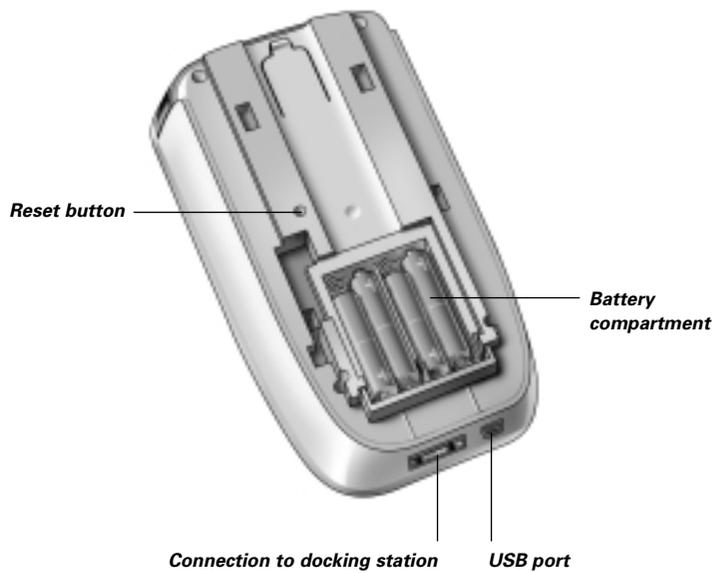
Pronto has several hard buttons.

Some are freely programmable, some have a predefined function:

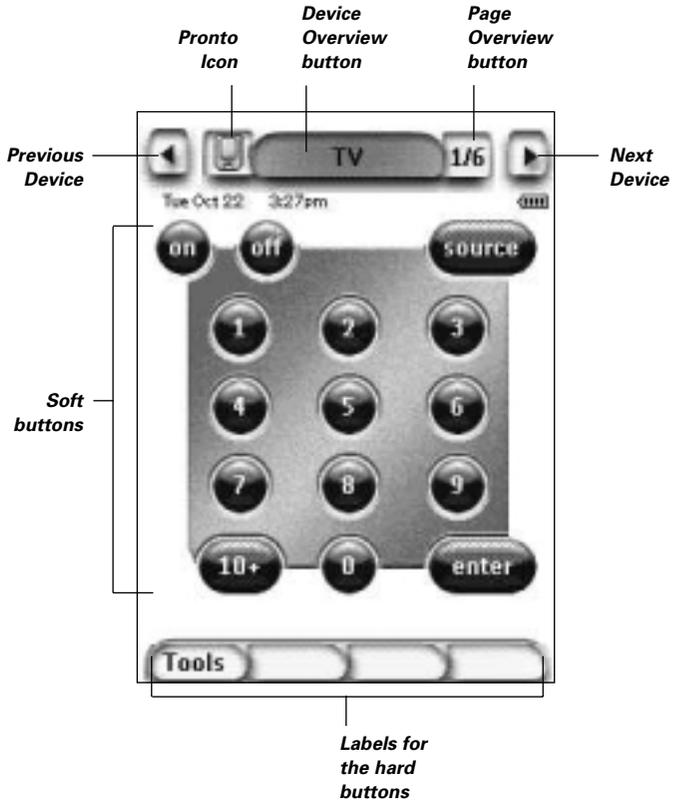
- The buttons on the left side of Pronto and the buttons at the right side of the screen have predefined functions.
- The utter left button below the touch screen has a predefined function. The two middle buttons below the touch screen and the utter right button are freely programmable. You can reprogram the function of these buttons and change the label on the touch screen.
- The cursor and the OK and Home buttons on the right side of the cursor are programmed to operate devices, for instance for navigating through the on screen menu of your TV.

All these buttons are freely programmable. However, these buttons each have a predefined function. If you learn one of these buttons or assign a macro to it, its predefined function for that database will be permanently lost.





The Touch Screen



What's New for Pronto Next Generation?

This new Pronto offers several new features compared to the previous model. The most important ones are:

■ **Light Sensor**

The Light Sensor on your Pronto causes the backlight to switch on automatically according to the ambient light of your own home theater environment.

■ **Page Overview**

The Page Overview offers you a list of all the pages for one device. Every device comes with a Page Overview, making it easier and faster to browse through the device pages.

■ **16 Gray Scales**

The number of gray scales has increased from 4 to 16. Therefore the buttons look much more natural.

■ **Transparency**

Pronto supports transparency in buttons and other objects. This allows the user to create complex user interfaces in an easy way.

■ **Cursor Navigation**

By default the cursor is programmed to operate devices. The functions assigned to the cursor button depend on the device active on the Pronto. Pronto also offers you the possibility to use the cursor for navigating through devices and pages on the screen. The Left and Right cursor buttons allow you to scroll through the devices, with the Up and Down cursor buttons you scroll through the different pages.

■ **Animation Mode**

Pronto provides navigation feedback through graphical animations of mode transitions and page transitions. You can enable and disable the animations of your Pronto in the Setup Page.

■ **RF**

By default, Pronto operates your devices with IR signals. However, you can choose to have Pronto working with radio frequency (RF) signals to operate devices from a distance or from an adjacent room. An RF Extender (not included) is therefore required.

■ **USB**

Pronto is provided with a USB port. The USB port makes downloading much easier.

■ **4 MB of memory**

Pronto has 4 MegaByte of memory. This enables you to download larger configuration files to Pronto.

Placing the Batteries

When you use Pronto for the first time, you will have to place **4 AAA batteries**. You can use rechargeable or non-rechargeable AAA batteries.

- 1 Slide off the battery cover from the back of Pronto.



- 2 Place the batteries in the battery compartment.



Notes When the batteries are running low, the **Low Battery** icon appears over the battery icon in the right upper corner of the screen. Pronto **retains all its settings** when the batteries have run out. You will only have to **set the contrast and the time**. See “Setting the Contrast” on page 9 and “Changing the Time” on page 10 for more information.

You can also use a docking station and a battery pack to recharge your Pronto. The docking station and the battery pack are optional.

Turning on Pronto

Pronto can be turned on in three different ways:

- **Tap** the touch screen.

Note *Only use your finger or a blunt soft object like a pencil eraser to operate the touch screen.*

- **Press** one of the hard buttons.

Note *When you press a hard button on Pronto, the according function will be executed immediately, while the buttons below the touch screen will activate the display.*

- Press the **Backlight** button.

Setting the Contrast

You can set the contrast level and switch on the backlight of Pronto using the hard buttons on the left side of the device.

- To **decrease the contrast**, press and hold the Backlight button and at the same time press the “-” hard button.
To **increase the contrast**, press and hold the Backlight button and at the same time press the “+” hard button.
- To **switch on the backlight**, press the Backlight button.



Setting Time and Date

When you have installed the batteries and turned on the Pronto, you might want to set the current time and date. To go to the Setup Pages, tap the Pronto icon  in the top center of the touch screen.

Changing the Time Format

There are three different options:

- 12 hour (AM/PM): This is the default format.
- 24 hour
- No time

You can select the **Time Format** by tapping the Time Format button  in the first Setup Page. The **Time Format** button toggles between the three formats.

Changing the Time

Note *When the batteries are replaced, the time is reset to 12.00 a.m.*

- 1 Tap the **Time** button in the first Setup Page.
The Time button is selected.
The labels '+' and '-' appear for the two middle hard buttons.
- 2 To increase the time, press (and hold) the hard button labeled '+'.
-or-
To decrease the time, press (and hold) the hard button labeled '-'.
- 3 Tap the **Time** button again.
The new time is set.

Changing the Date

To change the year

- 1 Tap the **Year** button in the first Setup Page.
The Year button is selected.
The labels '+' and '-' appear for the two middle hard buttons.
- 2 To increase the years, press (and hold) the hard button labeled '+'.
-or-
To decrease the years, press (and hold) the hard button labeled '-'.
- 3 Tap the **Year** button again.
The new year is set.

To change the month

- 1 Tap the **Month** button in the first Setup Page.
The Month button is selected. The labels '+' and '-' appear for the two middle hard buttons.
- 2 To increase the months, press (and hold) the hard button labeled '+'.
-or-
To decrease the months, press (and hold) the hard button labeled '-'.
- 3 Tap the **Month** button again.
The new month is set.

To change the day

- 1 Tap the **Day** button in the first Setup Page.
The Day button is selected.
The labels '+' and '-' appear for the two middle hard buttons.
- 2 To increase the days, press (and hold) the hard button labeled '+'.
-or-
To decrease the days, press (and hold) the hard button labeled '-'.
- 3 Tap the **Day** button again.
The new day is set.

Operating Pronto

Pronto contains a series of customizable devices, each consisting of several device pages. All active devices on your Pronto are listed in the Device Overview. All the available device pages are listed per device in the Page Overview.

Device Overview

The Device Overview offers you a list of all the devices you can control with Pronto. To view the Device Overview, press the middle button at the top of the touch screen.

You can navigate between the devices in two different ways:

- Tap the device you want to operate from the Device Overview.

- Tap the Device Left button  at the top of the touch screen to navigate to the previous device.

Tap the Device Right button  at the top of the touch screen to navigate to the next device.

By default you navigate through Pronto using this touch screen navigation. When cursor navigation is enabled, the Device Left and Device Right button disappear. You then navigate through the devices and pages using the cursor. For more information on changing the touch screen navigation to cursor navigation, see "Operating Pronto with the Cursor" on page 33.

Device Overview button



Device Left button

Device Right button



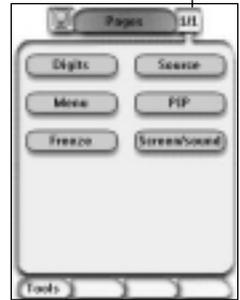
Page Overview

The Page Overview offers you a list of all the pages for one device. To view the Page Overview, tap the Page Number in the upper area of touch screen.

You can navigate between the different pages in two different ways:

- Tap the page you want to operate from the Page Overview.
- Press the **Up** or **Down** hard button on the left side of Pronto.

**Page
Overview
button**



What makes Pronto so powerful, is the ability to extend its functionality in multiple ways, like programming additional functions, adding supplementary devices and changing the interface as it suits you best.

For full editing you can use ProntoEdit software. See “ProntoEdit” on page 37 for more information.

Using the Tools

Pronto provides different tools. For customizing Pronto you have to switch to the appropriate tool. Pronto offers 8 different tools, each providing different functionalities:

- **Brand Tool:**
Defining the brands of your audio/video equipment (page 14);
- **Learn Tool:**
Learning IR codes from other remote controls (page 19);
- **Label Tool:**
Labeling buttons, devices and pages (page 21);
- **Add Tool:**
Adding new devices or copying existing devices (page 23);
- **Delete Tool:**
Deleting button actions or devices (page 25);
- **Move Tool:**
Moving devices in the Device Overview (page 26);
- **Macro Tool:**
Programming a sequence of commands for one single button (page 30);
- **RF IR Tool:**
Defining to operate Pronto with IR signals or RF signals (page 34).

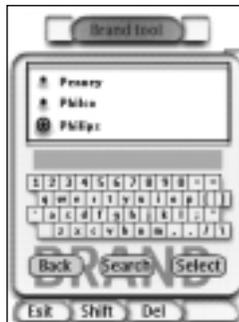
Defining the Brand for a Device

Pronto contains a huge list of brands and their according IR codes in its database. Pronto uses these IR codes to control devices. Because there are several brands using specific IR codes, you have to define the brands and the corresponding code sets for each device. You can either have Pronto autosearch the brand or select it yourself. If a device's brand contains more than one IR code set, you also have to select it.

On the Device Overview you find buttons for the most common video and audio devices. Pronto is set by default to operate Philips and Marantz devices. For all devices other than Philips or Marantz, you first have to define the brand before you can operate them with Pronto.

Selecting the Brand and Code Set for your Device

- 1 Press the left hard button **Tools** below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Brand** in the Tools Menu.
The 'Brand Tool' screen appears.
- 3 Tap **Go** in the 'Brand Tool' screen.
The Device Overview appears.
- 4 In the Device Overview, tap the Device for which you want to define the brand.
The 'Brand Tool' screen appears.
- 5 Tap **Go** in the 'Brand Tool' screen.
The 'Brands' screen appears.



Selecting the brand

- 1 Tap the Scroll Down button  or the Scroll Up button  next to the Brands list.
The Brands list scrolls down/up.

Note You can also select the brand via the virtual keyboard by tapping one or more of the brand's name characters.

- 2 Tap the brand for the selected Device in the Brands list.
- 3 Tap **Select** in the 'Brands' screen.
The 'Brand Tool' screen appears.

- 4 Tap **Go** in the 'Brand Tool' screen.
If there is only one code set, the 'Installing the Brand' screen appears.

-or-

If there is more than one possible code set, the 'Code Sets' screen appears.



Selecting the code set

- 1 Tap the **Scroll Down** button  or the **Scroll Up** button  next to the Code Sets list.
The Code Sets list scrolls down/up.
- 2 Tap the **Code Set** for the selected Device in the Code Sets list.
- 3 Tap **Select** in the 'Code Sets' screen.
The 'Installing the Brand' screen appears.



Installing the brand

- 1 Tap **Try** in the 'Installing the Brand' screen.
The first Page of the selected Device appears.
- 2 Tap different buttons to see if the device is responding to the IR codes for the selected brand and code set.
- 3 Press the left hard button **Install**.
The IR codes for the selected brand and code set are installed.

-or-
Press the right hard button **Back**.
The 'Code Set' screen appears again without installing the code set.
- 4 Press the left hard button **Exit** below the touch screen to exit Brand Tool.

Selecting the Brand and searching the Code Set for your device

- 1 Press the left hard button **Tools** below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Brand** in the Tools Menu.
The 'Brand Tool' screen appears.
- 3 Tap **Go** in the 'Brand Tool' screen.
The Device Overview appears.
- 4 In the Device Overview, tap the Device for which you want to define the brand.
The 'Brand Tool' screen appears.
- 5 Tap **Go** in the 'Brand Tool' screen.
The 'Brands' screen appears.
- 6 Select the brand of your device as described in "Selecting the brand" on page 15.

Searching the code set

- 1 Tap **Search** in the 'Code Sets' screen.
The 'Searching the Code Set' screen appears.
- 2 Tap **Next** and point Pronto at the device.
The 'Searching' screen appears. Pronto searches through the list of code sets for the selected brand, by sending out an IR code for each code set.

- 3 When the device for which you are defining the brand, responds to the IR code, tap  in the 'Searching' screen.
The 'Installing the Brand' screen appears.
- 4 To install the brand and code set, follow the instructions described in "Installing the brand" on page 17.

Searching the Brand and Code Set for your device

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Brand** in the Tools Menu.
The 'Brand Tool' screen appears.
- 3 Tap  in the 'Brand Tool' screen.
The Device Overview appears.
- 4 In the Device Overview, tap the Device for which you want to define the brand.
The 'Brand Tool' screen appears.
- 5 Tap  in the 'Brand Tool' screen.
The 'Brands' screen appears.

Searching the brand

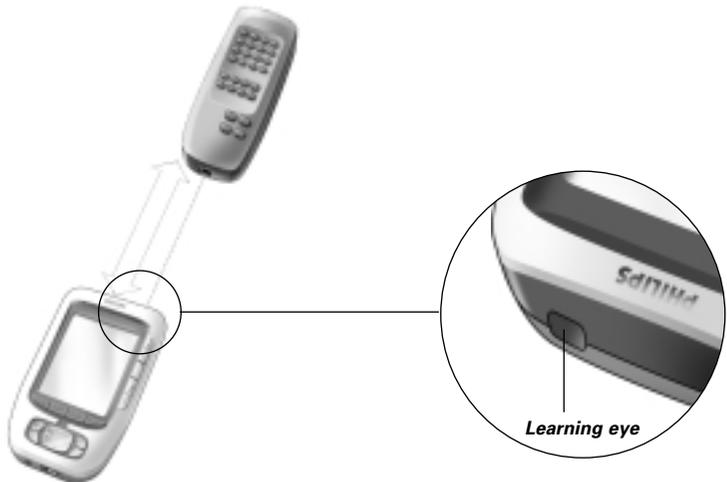
- 1 Tap  in the 'Brands' screen.
The 'Searching the Brand' screen appears.
- 2 Tap  and point Pronto at the device.
The 'Searching' screen appears. Pronto searches through the list of brands, by sending out an IR code for each brand.
- 3 When the device for which you are defining the brand, responds to the IR code, tap  in the 'Searching' screen.
The 'Installing the Brand' screen appears.
- 4 To install the brand and code set, follow the instructions described in "Installing the brand" on page 17.

Learning Commands

If an IR code is not in the database, you can program Pronto commands by transmitting IR signals from your existing remote control to Pronto's learning eye.

The Learn Tool allows you to learn a **button** or a **device action**. A device action is an action that is executed automatically when you select a device. E.g. when you select TV, you can learn your Pronto to switch on the TV at the same time. You can also use the Learn Tool to relearn commands that do not work properly.

Note *Once you have learned a button, the button will not be overwritten if you select another brand in Brand Mode.*



Learning a Button

- 1 Press the left hard button **Tools** below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Learn** in the Tools Menu.
The 'Learn Tool' screen appears.
- 3 Tap **Learn button**.
The last page you have visited appears.
- 4 Navigate to the Device and the Page that contains the button you want to learn.
- 5 Position Pronto and the remote control as illustrated above.

Note Make sure that you aim Pronto's **learning eye** at the remote control's IR window. The **distance** between Pronto and the remote control should be between 4 and 8 inches (10 and 20 cm).

- 6 Tap the button you want to learn.
A *Learning* indication appears in the top center of the touch screen.
- 7 Press the key on the other remote control within 5 seconds.
If learning succeeded, you will get an OK message.
If learning failed, you will get a Failure message.
See "Pronto will not learn commands" on page 41 for more information.
- 8 Select other buttons on Pronto you want to learn.
- 9 Press the left hard button  below the touch screen to exit Learn Tool.

Learning a Device Action

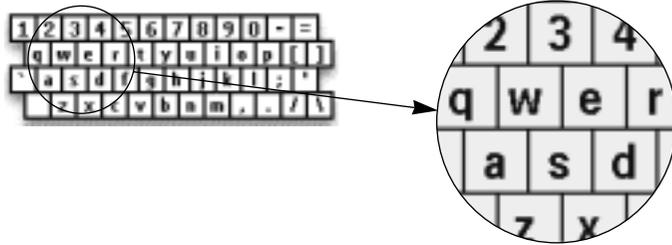
- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Learn** in the Tools Menu.
The 'Learn Tool' screen appears.
- 3 Tap .
The Device Overview appears.
- 4 Position Pronto and the remote control as illustrated above.

Note Make sure that you aim Pronto's **learning eye** at the remote control's IR window. The **distance** between Pronto and the remote control should be between 4 and 8 inches (10 and 20 cm).

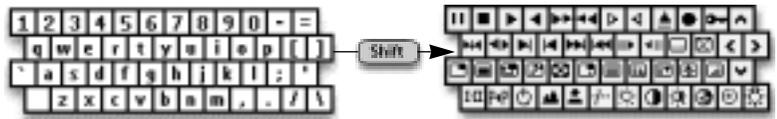
- 5 Tap the Device for which you want to learn a Device Action.
A *Learning* indication appears in the top center of the touch screen.
- 6 Press the key on the other remote control.
If learning succeeded, you will get an OK message.
If learning failed, you will get a Failure message.
- 7 Select other Devices on the Device Overview you want to learn.
- 8 Press the left hard button  below the touch screen to exit Learn Tool.

Labeling Elements

The Label tool allows you to label a **button**, a **device** or a **page**. In the Label Tool you can find a virtual keyboard. This keyboard zooms in when you tap a character.



The keyboard contains four different character sets, including a series of symbols you can use for labeling. You use the **Shift** button to switch between the four character sets on the keyboard.



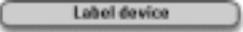
For a complete list of the symbols, see “List of Symbols” on page 43.

Labeling a Button

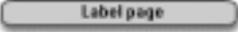
- 1 Press the left hard button **Tools** below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Label** in the Tools Menu.
The “Label Tool” screen appears.
- 3 Tap **Label button**.
The page you last visited appears.
- 4 Navigate to the Device and the Page that contains the button you want to label.
- 5 Tap the button you want to label.
The “Labeling” screen appears.
- 6 Tap the keyboard.
The keyboard zooms in.

- 7 Tap the character you want to add to the label.
The character is added to the label. The keyboard automatically zooms again.
 - 1 To zoom out without adding a character to the label, tap the **Unzoom** button.
The character is not added to the label. The keyboard is zoomed out.
 - 2 To use other characters and symbols, tap  .
The character set on the keyboard switches.
You can choose from four different character sets.
 - 3 To remove characters, tap  .
The character in front of the cursor is removed.
- 8 You can add other characters to the label.
- 9 Press the  hard button.
The label of the selected button is changed. The last visited page appears again.
- 10 You can select other buttons on Pronto to label.
- 11 Press the left hard button  below the touch screen to exit Label Tool.

Labeling a Device

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Label** in the Tools Menu.
The 'Label Tool' screen appears.
- 3 Tap  .
The Device Overview appears.
- 4 Tap the Device you want to label.
The 'Labeling' screen appears.
- 5 Follow the instructions 6 to 8 of "Labeling a button" on page 21.
- 6 Press the  hard button.
The label of the selected Device is changed. The Device Overview appears again.
- 7 You can select other Devices in the Device Overview to label.
- 8 Press the left hard button  below the touch screen to exit Label Tool.

Labeling a Page

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Label** in the Tools Menu.
The 'Label Tool' screen appears.
- 3 Tap  in the 'Label Tool' screen.
The Page Overview appears.
- 4 Tap the Page you want to label.
The 'Labeling' screen appears.
- 5 Follow the instructions 6 to 8 of "Labeling a button" on page 21.
- 6 Press the  hard button.
The label of the selected Page is changed. The Page Overview appears again.
- 7 You can select another Page in the Page Overview to label.
- 8 Press the left hard button  below the touch screen below the touch screen to exit Label Tool.

Adding Devices

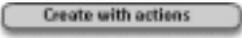
The Add Tool allows you to **add a new device** or **copy an existing device**.

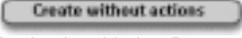
When you add a new device, a device template stored on your Pronto is used to create the device pages, buttons and functions. Philips IR codes are used when you add a new device. Then you have to program the new device using the Brand Tool (page 14) or the Learn Tool (page 19).

Copying an existing device saves time. The personal settings you defined for that device will also be copied. If you want to add e.g. a second CD player, you do not have to learn or create macros again, you just copy them from the existing CD player already programmed on your Pronto.

Adding a New Device

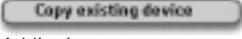
- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Add** in the Tools Menu.
The 'Add Tool' screen appears.
- 3 Tap  in the 'Add Tool' screen.
The 'Adding' screen appears.

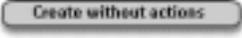
- 4 Tap the device template you want to add.
The 'IR Code' screen appears.
- 5 Tap  in the 'IR Code' screen.
The Device is added to Pronto with IR codes.

-or-
Tap  in the 'IR Code' screen.
The Device is added to Pronto without IR codes.
- 6 To operate this device, you have to learn every button of the device.

Note *Added devices are automatically positioned at the end of the Device Overview. You can move devices with the Move Tool. See "Moving" on page 26 for more information.*

Copying an Existing Device

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Add** in the Tools Menu.
The 'Add Tool' screen appears.
- 3 Tap  in the 'Add Tool' screen.
The 'Adding' screen appears.
- 4 Tap the Device you want to copy.
The 'IR Code' screen appears.
- 5 Tap  in the 'IR Code' screen.
The Device is copied to Pronto with IR codes.

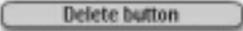
-or-
Tap  in the 'IR Code' screen.
The Device is copied to Pronto without IR codes.

Note *Added devices are automatically positioned at the end of the Device Overview. You can move devices with the Move Tool. See "Moving" on page 26 for more information.*

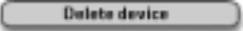
Deleting Elements

The Delete Tool allows you to delete a **button** or a **device**. When you delete a button, only its action will be deleted. The button becomes invisible, but you can still see and edit it with the Learn Tool.

Deleting a Button

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Delete** in the Tools Menu.
The 'Delete Tool' screen appears.
- 3 Tap .
The last visited page on the Pronto appears.
- 4 Navigate to the Device and the Page that contains the button you want to delete.
- 5 Tap the button you want to delete.
The 'Delete Button' screen appears.
- 6 Tap .
The button is deleted.
The label '**Undo**' appears above the right hard button.
- 7 You can press the right hard button  to undo the last action, i.e. you restore the button.
The button you just deleted is restored.
- 8 You can select other buttons on Pronto to delete.
- 9 Press the left hard button  below the touch screen to exit the Delete Tool.

Deleting a Device

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Delete** in the Tools Menu.
The 'Delete Tool' screen appears.
- 3 Tap .
The Device Overview appears.

- 4 Tap the device you want to delete.
The 'Delete Device' screen appears.
- 5 Tap .
The device is deleted.
The label '**Undo**' appears above the right hard button.
- 6 You can press the right hard button  to undo the last action, i.e. you restore the device.
The device you just deleted is restored.
- 7 You can select other devices on Pronto to delete.
- 8 Press the left hard button  below the touch screen to exit the Delete Tool.

Moving Devices

The Move Tool allows you to move a device up or down the Device Overview, enabling you to put your most used devices at the top of the list.

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Move** in the Tools Menu.
The 'Move Tool' screen appears.
- 3 Tap the Device you want to move in the Device List.
- 4 Tap the **Move Up**  or **Move Down** button  in the 'Moving' screen.
The selected Device moves up/down in the Device List.
- 5 Tap  in the 'Moving' screen.
The Device is moved.

Adjusting the Settings

In the Setup Page you can adjust several settings. You can:

- Set the time and date as described earlier, on page 10.
- Set the timeout of the LCD screen;
- Set the timeout of the LCD backlight;
- Set the level of the light sensor;
- Set the volume level;
- Set the animation mode;
- Operate Pronto with the Cursor;
- Calibrate the touch screen.



- You can go to the Setup Pages by tapping the Pronto icon  in the top center of the touch screen.

Setting the Timeout of the LCD Screen

The timeout of the LCD screen determines how long the LCD touch screen stays active before turning off. Shortening the active time will increase Pronto's battery life.

Note *The LCD screen will only time out when you are not using Pronto.*

- 1 Tap  in the first Setup Page.
The LCD Timeout button is selected. The '+' and '-' labels appear on the two middle hard buttons below the touch screen.
- 2 To increase the timeout, press (and hold) the button labeled '+'.
-or-
To decrease the timeout, press (and hold) the button labeled '-'.
- 3 Tap  again.
The new LCD screen timeout is set.

Setting the Timeout of the LCD Backlight

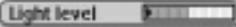
The timeout of the LCD backlight determines how long the backlight of the touch screen and the buttons stays active. Shortening the active time will increase Pronto's battery life. The backlight timeout and the LCD screen timeout can work independently.

- 1 Tap  in the first Setup Page.
The Backlight Timeout button is selected. The '+' and '-' labels appear on the two middle hard buttons below the touch screen.
- 2 To increase the timeout, press (and hold) the button labeled '+'.
-or-
To decrease the timeout, press (and hold) the button labeled '-'.
- 3 Tap  again.
The new LCD backlight timeout is set.

Setting the Switch Level of the Light Sensor

The light sensor on your Pronto causes the backlight to switch on automatically according to the ambient light of your home theater environment. The light level is indicated in the bar.

The indicator  is the threshold you set, while the gray area indicates the actual light level, measured by the light sensor. When actual light level reaches the threshold you set, the backlight on your Pronto will switch on.

- 1 Tap  in the first Setup Page.
The Light Level button is selected. The '+' and '-' labels appear on the two middle hard buttons below the touch screen.
- 2 To increase the light level, press (and hold) the hard button labeled '+'.
-or-
To decrease the light level, press (and hold) the hard button labeled '-'.
- 3 Tap  again.
The Light Level button is deselected again. The new level for the light sensor is set.

Setting the Volume Level

You can set the volume level from the hard buttons as well as from the touch screen buttons. The volume of the button refers to the loudness of the beep you hear when you press or tap a button.

Setting the Volume Level of the Hard Buttons

- To adjust the volume of the hard buttons, tap  in the second Setup Page.

You can either select 1 of the 3 volume levels or choose to mute.

Every time you press, the volume level increases with one step up to level 3.

Setting the Volume Level of the Touch Screen

- To adjust the volume level of the touch screen, tap  in the second Setup Page.

You can either select 1 of the 3 volume levels or choose to mute.

Every time you tap, the volume level increases with one step up to level 3.

Setting the Animation Mode

Pronto provides navigation feedback through graphical animations of mode transitions and page transitions. You can enable and disable the animations of your Pronto in the Setup Page:

- You can disable the animations by choosing '**None**' (no animations).
By disabling all animations you use the absolute maximum of your Pronto's processing speed.
- When changing pages with the '**Page Only**' animation, one page seems to slide out of the screen, while the second page slides in.
- The '**Mode Only**' animation makes a page 'drop' out of the top of the touch screen.
- With the option '**Full**' you can enable both animations at the same time.

Operating Pronto with the cursor

The cursor is used by default to operate your devices. However, you can also set the cursor to browse through Pronto's devices and pages. For more information on operating the Pronto with the cursor, see 'Operating Pronto with the cursor' on page 33.

Calibrating the Touch Screen

When you first use your Pronto, the touch screen is already calibrated. However, if you notice that your Pronto does not send out the commands in accordance with what is indicated on the touch screen, it is advised to recalibrate the touch screen.

- 1 Tap  in the second Setup Page.
The 'Calibration' screen appears.
- 2 Tap  in the 'Calibration' screen.
- 3 Tap the upper left corner on the touch screen.
- 4 Tap the lower right corner on the touch screen.
The touch screen is calibrated.

Creating and Editing Macros

A macro allows you to send a sequence of commands when tapping one single button. You can for instance switch on your TV, turn on a movie channel and prepare your VCR for recording by rewinding the videotape. The macro contains an action list. The action list can be created and edited in the Macro Tool.

Note *Once you have programmed a macro, the button will not be overwritten when you select another brand in the Brand Tool.*

Possible actions you can use in a macro are:

- Adding an IR code;
- Creating a link to another button;
- Adding a delay;
- Adding a beep.

Creating a Macro

- 1 Press the left hard button **Tools** below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **Macro** in the Tools Menu.
The 'Macro Tool' screen appears.
- 3 Tap **Go** in the 'Macro Tool' screen.
The last visited page appears.
- 4 Navigate to the Device and the Page that contains the button you want to use for a macro.
- 5 Tap the button you want to select as a target button.
If you can use the button to program a macro, the 'Macro' screen appears.



-or-

If you cannot use the button, you hear a Failure beep.

To add an action to the action list

- 1 Tap  in the 'Macro' screen.
The last visited page appears again.
- 2 Navigate to the Device and the Page that contains the button you want to add to the macro.
- 3 Tap the button you want to add to the macro.
The 'Macro' screen appears.
The action of the selected button is added at the bottom of the Action List.
- 4 You can select other buttons to add to the macro.

To add a delay to the action list

You can add a delay to the action list e.g. to insert a short pause between turning on a device and sending commands to it, allowing the device to warm up.

- 1 Tap  in the 'Macro' screen.
The '+' button and '-' button appear on the two middle hard buttons below the touch screen.
- 2 To increase the delay, tap (and hold) the '+' button.
-or-
To decrease the delay, tap (and hold) the '-' button.

To add a beep to the action list

To determine when the macro execution is finished, it is useful to add a beep as final command in the action list.

- 1 Select the action in the action list, where you want to add a beep.
The action is selected.
- 2 Tap  in the 'Macro' screen.
A default beep is added to the action list, after the selected action.

To finish the macro

- 1 Tap  in the 'Macro' screen.
The macro is created and assigned to the button you selected as a target.
- 2 Press the left hard button  below the touch screen to exit the Macro Tool.

Editing a Macro

Moving an Action in the action list

- 1 To display the 'Macro' screen with the action list assigned to the button, follow the instructions 1 to 5 as described in "Creating a Macro" on page 30.
- 2 Tap the action in the action list you want to move in the 'Macro' screen. The selected action is highlighted.
- 3 Tap the **Move Up** button  or **Move Down** button  in the 'Macro' screen. The selected action moves up/down in the action list.
- 4 You can select other actions to move.

Deleting an Action from the action list

- 1 To display the 'Macro' screen with the action list assigned to the button, follow the instructions 1 to 5 as described in "Creating a Macro" on page 30.
- 2 Tap the action in the action list you want to delete in the 'Macro' screen. The selected action is highlighted.
- 3 Tap  in the 'Macro' screen. The selected action is deleted from the action list.
- 4 You can select other actions to delete.

Testing the Macro

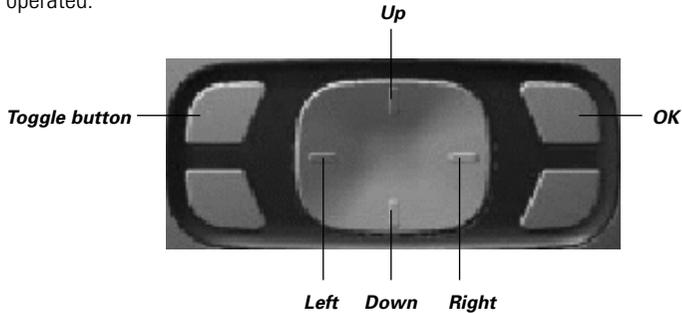
You do not have to exit the Macro Tool to try out the macro you created or edited. From within the Macro Tool you can test the macro. Pronto executes all actions as you defined them in the action list.

- 1 To display the 'Macro' screen with the action list assigned to the button, follow the instructions 1 to 5 as described in "Creating a Macro" on page 30.
- 2 Tap  in the 'Macro' screen. Pronto executes the actions in the action list.

Note *Make sure that you keep Pronto aimed at your Home Theater equipment during the macro execution.*

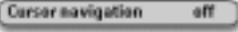
Operating Pronto with the Cursor

The cursor is set by default to operate the devices, e.g. to navigate through an on-screen TV menu. The cursor contains 4 cursor keys: Right, Left, Up and Down. Each cursor key contains an action list. This list depends on the device that is being operated.



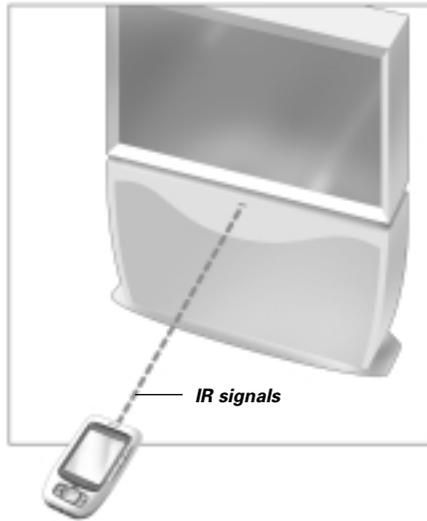
The cursor can also be used to navigate through devices and pages on Pronto's touch screen.

When you enable the **cursor navigation** in the Setup Pages, the **touch screen navigation** with the Left Device and Right Device buttons at the top area of the touch screen disappears and the cursor navigation icon  appears in the top left corner. You use the cursor for navigating, and not for operating your devices, until you disable the cursor navigation again.

- 1 Navigate to the second Setup Page as described in 'Adjusting the Settings' on page 27.
 - 2 Tap  in the second Setup Page.
The cursor navigation is enabled. The Toggle hard button is activated.
 - 3 Exit the Setup Pages.
 - 4 Press the **Left** and **Right** buttons of the cursor.
Pronto navigates through the devices.
 - 5 Press the **Up** and **Down** buttons of the cursor.
Pronto navigates through the pages.
 - 6 Press the **Toggle** button to easily switch from navigating on Pronto to controlling audio/video equipment.
The **Device Left** and **Device Right** buttons appear in the top area of the touch screen and the cursor is used for controlling audio/video equipment.
- Press the **Toggle** hard button again to switch back to cursor navigation.

Operating Pronto with RF

By default, Pronto uses **infrared** (IR) signals to operate devices. IR signals have an operating distance of approximately 33 ft (10 m).

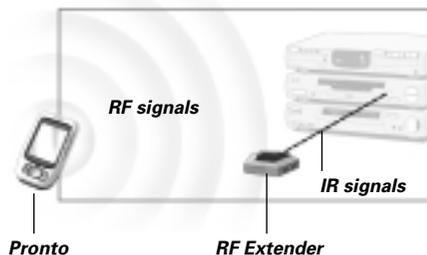


However, you can choose to have Pronto working with radio frequency (RF) signals to operate devices from a distance or from an adjacent room.

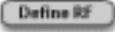
An RF Extender (not included) is therefore required.

The LI900 is an RF Extender that can be used in combination with Pronto.

The RF Extender receives RF signals from Pronto and converts them into IR signals, sent out to the device. Therefore, the RF Extender has to be placed near the device you are operating with the RF Extender's sending eye pointed towards the device.



Selecting RF to Operate your Devices

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **RF IR** in the Tools Menu.
The 'RF IR Tool' screen appears.
- 3 Tap .
- 4 Tap the Device for which you want to select RF.
The 'Select IR or RF' screen appears.
By default IR is selected in the Sending Signals list.
The Define RF button is disabled.
- 5 Choose **RF** in the Sending Signals list.
The Define RF button is enabled.
- 6 Tap .
- 7 Select the RF Channel in the RF Channel list you use for the RF Extender.
The RF Channel on the LI900 has to be the same as the RF Channel on Pronto.
- 8 Select the Extender ID in the Extender ID list you use for the RF Extender.
The Extender ID on the LI900 has to be the same as the Extender ID on Pronto.

Note *You can use several RF Extenders with your Pronto. For each RF Extender you use for your devices, you need to set the RF Channel and the Extender ID. The RF Channel is identical for all RF Extenders. The Extender ID on the LI900 is unique for each RF Extender.*

- 9 Tap  in the 'RF Settings' screen.
Pronto will send out RF signals for the selected device.

Note *Try to keep Pronto and the RF Extender away from metal objects, as this will have a negative impact on the range.*

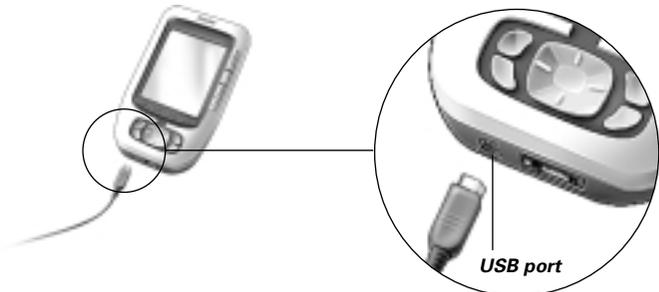
Selecting IR to Operate your Devices

- 1 Press the left hard button  below the touch screen for 3 seconds.
The Tools menu appears.
- 2 Tap **RF IR** in the Tools Menu.
The 'RF IR Tool' screen appears.
- 3 Tap  .
The Device Overview appears.
- 4 Tap the Device for which you want to select IR.
The 'Select IR or RF' screen appears. RF is selected in the Sending Signals list.
- 5 Choose **IR** in the Sending Signals list.
The 'Define RF' button is disabled.
- 6 Tap  .
Pronto will send out IR signals for the selected device.

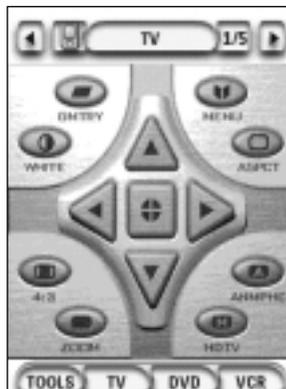
If you want to personalize your Pronto even more beyond its standard programming features, ProntoEdit is the tool for you to use. ProntoEdit is Pronto's companion software that you find on the included CD-ROM. You can find more information on <http://www.pronto.philips.com>.

With ProntoEdit you can:

- **Upload** and **download** new configurations to and from your Pronto.
You do this with the PC cable included with your Pronto:
 - Plug one end of the cable in the USB port on your computer.
 - Plug the other end of the cable in the USB port on your Pronto.



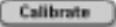
- **Add, delete, modify** and **move** control panels, devices and commands anywhere on the touch screen;
- **Save, duplicate** and **share** configuration files, codes or devices with other Prontos;
- **Import** new graphics to create new buttons and designs;
- **Personalize** configuration files to optimize the use of your Pronto;
- **Preview** new configuration files on Pronto Simulator, to check what Pronto's interface will look like.



Why don't my buttons work properly?

When you find that your Pronto does not send out the commands in accordance with what is indicated on the touch screen, it is advised to recalibrate the touch screen. Calibration enables Pronto to place the icons on the touch screen in line with their predefined functions.

How do I calibrate the touch screen?

- 1 Tap  in the second Setup Page.
The 'Calibration' screen appears.
- 2 Tap  in the 'Calibration' screen.
- 3 Tap the upper left corner on the touch screen.
- 4 Tap the lower right corner on the touch screen.
The touch screen is calibrated.

How do I reset Pronto?

Normally, resetting Pronto is not necessary. However, if Pronto's touch screen freezes or if you notice unusual behaviour, you need to perform a reset to get Pronto running again.

- 1 Slide the battery cover off the back of Pronto.
You can find the Reset button in the battery compartment.



- 2 Use an unfolded paperclip or a sharp pencil to carefully press the Reset button.
Pronto restarts.
Pronto beeps twice to indicate it is ready for use.



Note *If you reset Pronto, all saved and programmed commands or macros are retained.*

Why does a device respond to some RF signals and not to others?

Philips cannot guarantee that all commands for all devices work properly with RF signals.

If a device does not respond properly to RF signals sent out by Pronto, you might better reconfigure Pronto to operate the device with IR signals.

General Problems

Pronto shuts off automatically

This is a timeout feature of Pronto to save power.

You can change the time Pronto stays active in the Settings.

See “Setting the Timeout of the LCD Screen” on page 27 for more information.

The touch screen buttons on the Pronto do not respond properly

If the touch screen buttons on the Pronto do not respond properly, calibrate the touch screen.

See “Calibrating the Touch Screen” on page 29 for more information.

Devices do not respond to commands from Pronto

Make sure the Pronto’s sending eye is pointed towards the device you are operating.

- Check if the Low Battery icon is placed over the battery icon in the right upper corner of the screen. If so, replace the batteries.
- Check if you have defined the correct brands for your devices. (p.15)
- Check if you have defined the correct code set for your devices. (p.16)
- Check if the button you are trying to use is assigned properly via Brand Tool or via Learn Tool. (p.19)
- Check if your device understands Philips-Marantz RC codes. Normally you can find this in the documentation of your device.
- If you have set up your Pronto to operate devices with RF signals:
 - Check in the RF IR Tool if the devices you want to operate are set up properly. (p.35)
 - Check if the Extender ID and the Channel on your Pronto match the ID and the Channel on the RF Extender.
 - Make sure the RF Extender is placed near the devices you want to use with RF signals.
 - Make sure that the RF Extender’s sending eye is pointed towards the device.
 - Change the Channel if you notice interferences from other RF channels.
- If you want to use RF signals for devices on different locations, you need more than one RF Extender.

Customizing Problems

Buttons are not sending the correct commands

- Check if you have defined the correct brands for your devices. (p.15)
- Check if you have defined the correct code set for your devices. (p.16)
- Check if you should calibrate your screen. (p.29)
- Check whether the button of the device is learned properly. (p.19)
- Check whether the macro recorded properly. (p.30)

Macros do not work

- Make sure Pronto's sending eye is pointed towards the device the entire time the macro is being executed.
The sending eye is located at the top of Pronto.
- Insert delays to allow devices to start up properly.
- Check for inactive buttons in your macro.
- Check if you did not reprogram the buttons. Macros do not store commands, they store buttons. If you reprogram a button, the macro executes the new command assigned to the button.

Pronto will not learn commands

- Make sure your Pronto and the remote control are positioned correctly.
When the sending eye of your existing remote control is not pointed towards the learning eye of the Pronto, Pronto might not receive the signals properly. Align the remote controls as correctly as possible.
When the distance between your existing remote control and the Pronto is too short or too long, Pronto might not receive the signals properly.
Try out several distances between 4 and 8 inches (10 and 20 centimeters) to learn the commands.
- Avoid programming Pronto under bright fluorescent light: it might affect the infrared signals.
- Make sure the batteries in the Pronto are not low.

The configuration file is corrupted

When the configuration file is corrupted, you can use Pronto Edit to upload a new configuration file. Taken into account that all your customized commands, devices and macros will be lost and you will have to reprogram your Pronto. Therefore it is recommended to save the configuration by uploading to the PC with ProntoEdit.

Storage Problems

Storage problems can be the cause of Pronto not saving a macro. Storage problems can be caused by a full memory or by a low battery.

Pronto error messages

If one of the following error messages occurs, please contact your dealer or the Philips customer service:

- Can't open configuration file;
- Configuration file error;
- No configuration file found;
- Invalid configuration file version.

Important Notices

Take care not to scratch the touch screen

Use your finger to tap the touch screen or use plastic-tipped pens intended for use with touch screen.

Never use an actual pen, pencil or other sharp object on the touch screen.

Protect Pronto from temperature extremes

Keep Pronto away from heaters and other heat sources.

Pronto is not waterproof

Pronto should not be exposed to rain or moisture.

Do not store or use Pronto in any location that is extremely damp or wet.

When you have spilled water on your Pronto, you have to take out the batteries and let Pronto dry for 48 hours before you replace the batteries.

When you have spilled other liquids on your Pronto, you can clean it with distilled water.

The touch screen of Pronto contains a glass element

Do not drop Pronto or subject it to any strong impact.

Cleaning Pronto

- Use a soft, damp cloth to clean Pronto.
- If the touch screen of Pronto is spoiled, clean it with a soft cloth moistened with a diluted window-cleaning solution.
- Do not use a corrosive detergent or an abrasive sponge.
- Avoid the use of abundant water.

List of Symbols

	Pause
	Stop
	Normal run; normal speed
	Normal run; normal speed
	Fast run; fast speed
	Fast run; fast speed
	Slow run; slow speed
	Slow run; slow speed
	Eject
	Recording, general
	Key
	Navigate
	Still mode
	Tape running direction
	Next track
	Previous track
	Fast forward to index
	Rewind to index
	Frame by frame, general
	Frame by frame, general
	Subtitle
	Cancel picture
	Picture-in-picture mode
	Menu
	Picture-in-picture shift
	Picture-in-picture swap
	Multi-picture display
	Picture-in-picture select
	Teletext mode

List of Symbols

	Page number up
	Page number down
	Page enlargement
	TV and text mixed
	1st or 2nd language
	Last view; previous program
	Stand-by
	Zone focus: long distance
	Zone focus: very short distance
	Single or multi-digit selection
	Brightness; brilliance
	Contrast
	Brightness/contrast
	Color saturation
	Lamp; lighting; illumination
	Split screen freeze / double screen freeze
	Split screen swap / double screen swap
	Split screen / double screen
	Movie expand
	Personal preference
	Picture-in-picture freeze
	Main index page
	Picture freeze
	Programmable timer; general
	Enter
	Application assistance
	Actual time on screen
	EPG / Electronic Program Guide
	Video output

List of Symbols

	Read data from store
	Write data into store
	Page hold
	Sound muting
	Additional information on screen
	Viewing angle
	Spatial sound effect
	Television; video
	Sound; audio
	Surround sound
	Dolby Digital
	Digital Theater Systems
	Active control

Specifications

The specifications and design of this product are subject to change without notice.

<i>Display</i>	<i>Monochrome touch screen LCD with 16 gray scales and digital contrast control</i> <i>Resolution: 320x240 pixels</i> <i>Blue EL-backlight for LCD and buttons</i>
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<i>Interface</i>	<i>USB-port connector</i>
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<i>Software</i>	<i>Database with IR codes to operate more than 800 brands</i> <i>Built-in Philips IR codes</i> <i>Total number of devices only limited by memory</i>
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<i>Infrared (IR)</i>	<i>4 high performance IR-sending LEDs, 1 receiver LED</i> <i>Operating distance of approximately 33 ft (10m)</i> <i>Learning frequency up to 78 KHz and 455 KHz</i>
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<i>Radio frequency (RF)</i>	<i>Band: 433,92 MHz</i> <i>16 Extender ID's and 4 Channels</i>
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<i>Memory</i>	<i>4 MByte</i>
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<i>Batteries</i>	<i>AAA batteries (4x1.5 V)</i>
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<i>Power management</i>	<i>Power on by tapping the touch screen, by pressing a button</i> <i>Power off automatically</i>
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<i>Dimensions (HxWxD)</i>	<i>6.07 inch x 3.64 inch x 1.10 inch (154,2mm x 92,4mm x 27,8mm)</i>
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<i>Accessories</i>	<i>Included:</i> <i>USB cable for PC connection</i> <i>CD-ROM with ProntoEdit software</i> <i>4 AAA batteries</i> <i>Not included:</i> <i>Docking station</i> <i>Battery pack</i> <i>RF Extender (LI900)</i>
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<i>ProntoEdit</i>	<i>PC requirements:</i> <i>Windows 98 SE, Windows ME, Windows 2000, Windows XP</i> <i>16 MB of RAM</i> <i>25 MB of free hard disk space</i> <i>Free USB port and CD-ROM player</i>
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IR-database information:

Redesigned by UEI Technology
Licensed under U.S. Patent 5,689,353
Portions © UEI 1999

Action	An action is a command that will be executed by Pronto. An action can be an IR code, a link, a delay or a beep. You can assign one or more actions to a button or a hard button. It is the same as a macro.
Action list	An action list is a list of actions assigned to a button or a hard button. An action list can contain up to 255 actions.
Animation mode	Pronto provides navigation feedback through graphical animations. These animations can be found in the Animation mode. You can enable and disable the animations of your Pronto in the Setup Pages.
Branding	Pronto contains a list of brands and their according IR codes in its database. Pronto uses IR codes to control devices. Because there are several brands using specific IR codes, you have to define the brand and code set for each device.
Button alias	See <i>Link</i> .
Calibration	Calibrating the touch screen enables Pronto to exactly match the icons on the touch screen with their predefined functions.
Code set	A code set is a list of IR codes. Audio and video devices of different brands use different code sets. A device can only receive and execute functions from the correct code set.
Cursor navigation	There are two ways of navigating through Pronto: using the touch screen or using the cursor for navigation. When you select cursor navigation, the cursor can only be used for navigating through devices and pages on Pronto touch screen, not for controlling audio/video equipment.
Delay	A delay is a pause between two actions. A delay gives the device enough time to execute the first action before it receives an impulse to execute a second action.
Device	Every device in the configuration file appears on the Device Overview Page of Pronto and in the tree view in ProntoEdit. A device represents the equipment you want to control with Pronto. The device contains a number of pages with buttons.
Device action	A device action is an action that is executed automatically when you select a device. E.g. when you select TV, you can learn your Pronto to switch on the TV at the same time.
Device overview	You use the Device Overview on Pronto to access the different devices. The Device Overview contains buttons for each device in the configuration. By pressing these buttons you navigate to the first page of the selected device.
Device settings	The device settings are the type of device, the brand, the IR code set and the functions. In order to control a device with your Pronto, you first have to set the device settings.
Hard button	A hard button is a button that can be pressed and generates an event. Hard buttons can be found on Pronto. Their layout and visual aspects cannot be changed. You can configure the functions of the hard buttons, just like the buttons on the touch screen.

IR	Short for infrared.
IR code	Pronto sends out infrared (IR) signals to operate devices. IR codes for all kinds of video and audio device brands are stored in Pronto's universal database. By selecting IR codes and assigning them to buttons and hard buttons, you can program your Pronto to operate your equipment. When IR codes are not present in the database, you can always learn them from the conventional remote control of your equipment.
Label	A label is the text you want to put on a soft button.
LCD	Short for liquid crystal display.
LCD backlight	LCD backlight is a special light source that is placed behind the LCD screen, enhancing the visibility of this screen.
LI900	The LI900 is an RF Extender that can be used in combination with Pronto.
Light sensor	The light sensor on your Pronto causes the backlight to switch on automatically according to the ambient light of your home theater environment.
Link	A link, also called a button alias, is a shortcut from the action list of one button to the action list of another button. Instead of adding the same actions to several buttons or hard buttons, you can create a link and reuse the action list. When your Pronto is executing an action list and comes across a link, the action list referred to by that link is executed.
Macro	A macro is a sequence of actions executed when pressing a single button on Pronto. Every button or hard button can act as a macro and perform a list of commands. It is the same as an action list.
Page	A page of a device is the area of 320 by 240 pixels on Pronto's touch screen containing buttons or other objects.
Page animation	When you switch from one page to another, the first page slides out of the screen and the second page slides in the screen. This is called a 'page animation'.
Pronto	Pronto is a universal remote control with a touch screen. You can customize and fully configure Pronto to your personal needs: the devices you want to operate, the functions you want to perform and the layout on Pronto.
ProntoEdit	ProntoEdit is the visual editor for creating and configuring Pronto Configuration Files.

RF	Short for Radio Frequency.
RF code	You can choose to operate your devices with RF signals instead of IR signals. To use RF signals, you need an RF Extender. The advantage of RF is that it spreads in all directions and that it pervades walls. In other words, you can operate your devices from an adjacent room.
RF Extender	An RF Extender is a converter box that receives RF signals and turns them into IR signals to operate devices. When your Pronto sends out RF codes, the RF Extender receives them and sends out IR codes to your devices.
Setup Page	The Setup Pages allow you to adjust several settings. You can: <ul style="list-style-type: none">■ Consult the battery level■ Set the time■ Set the timeout of the LCD screen■ Set the timeout of the LCD backlight■ Switch the level of the light sensor■ Set the animation mode■ Set the volume level■ Calibrate the touch screen■ Consult the software version free memory
Simulator	Pronto simulator is a separate application in ProntoEdit package, which simulates every aspect of your Pronto. You use Pronto simulator to test your PCF without the need to download it to your Pronto. When you make changes in Pronto simulator, they will not be saved in the configuration file.
Soft button	A soft button is a button that can be found on the touch screen. The layout and the visual aspects of a soft button can be changed. You can also configure the functions of the soft buttons.
Template	You can create a template from a device in ProntoEdit Advanced Mode. When you add a new device on Pronto, this template will be used.
Touch screen	The touch screen of your Pronto is the centered area that contain soft buttons you can use to operate the remote control.
USB	USB (Universal Serial Bus) is a “plug and play” interface between a computer and add-on devices (such as audio players, joysticks, keyboards, telephones, scanners, and printers).

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