

Concept and realisation of the Guide:

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Starter's Guide
Installing and Configuring

TSU9300 Starter's Guide

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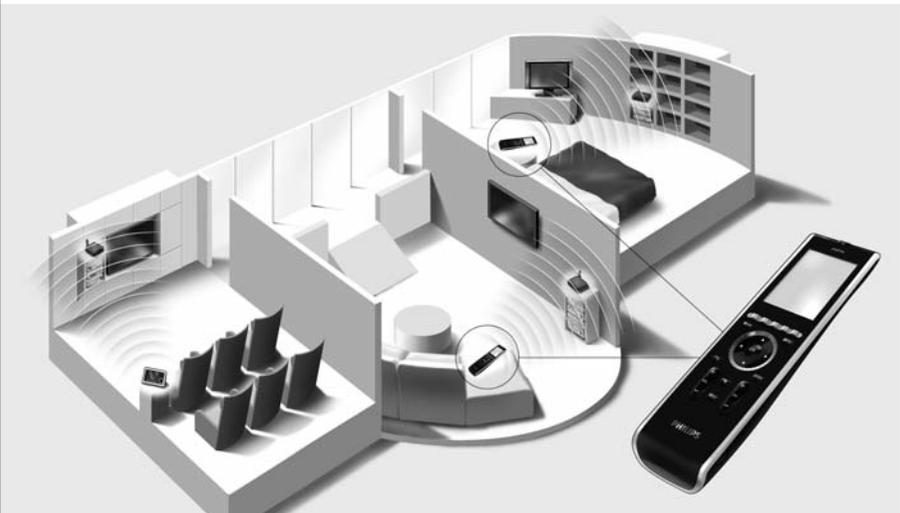
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Before You Start

Based on a long experience and successful business in the custom installation market, the Pronto TSU9300 is the **third generation of Home Theater Control Panels**. It belongs to the same family as the Pronto TSU9400, TSU9600 and TSU9800 and all panels are fully compatible (except for ProntoScript; this is not supported in the TSU9300).

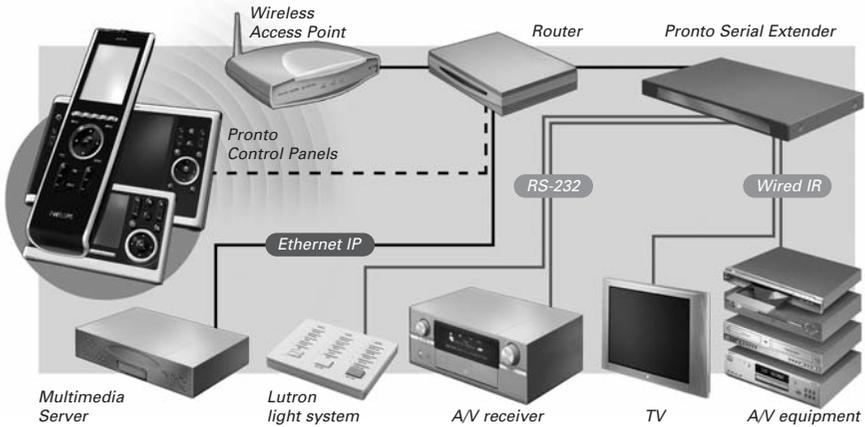
The Pronto TSU9300 has been designed based on input from installers. It includes all technology and features that are needed to operate any Home Theater in an easy and intuitive way.

The system is IP-based and can work wirelessly with the Pronto Extenders. With ProntoEdit Professional, you can create any graphical configuration but you can also use the default configuration files as a starting point to save time.



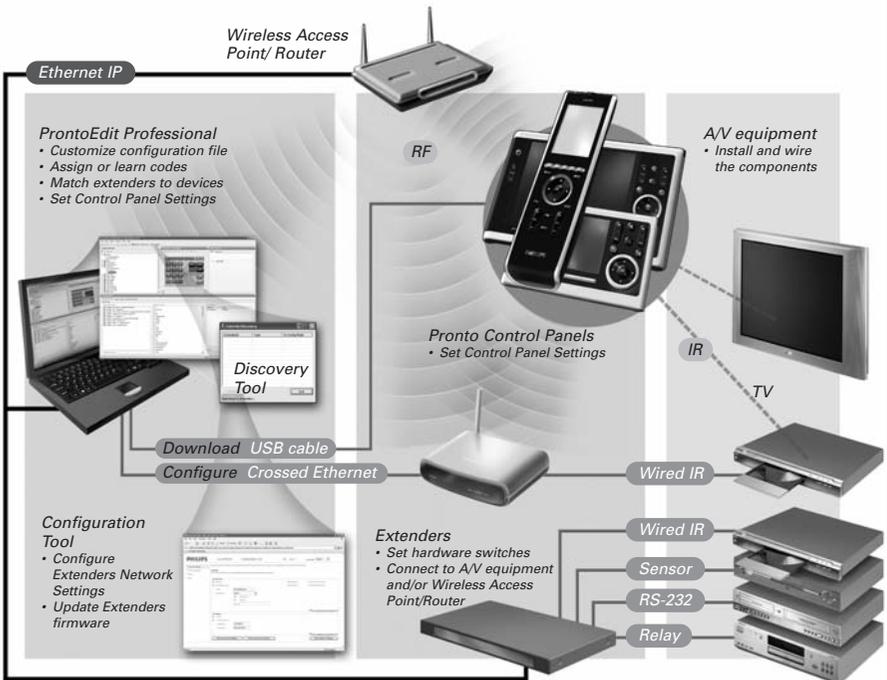
The Pronto System

The Pronto System contains a variety of equipment that is connected and configured to interact with each other. The scheme below shows a **possible way to connect several A/V components**.



Configuration of the Pronto Control Panel

To set up a Pronto System and configure the Control Panel as the central unit of the system, you need different tools. The scheme below indicates the **different tools**, their **significance in the configuration** of the Pronto system and their **mutual connection**.



More information is available:

- In the **ProntoEdit Professional Online Help** of ProntoEdit Professional for TSU9300:
 - On how to customize a project;
 - On how to incorporate Extenders in the project;
- In the **Starter's Guides** for the RFX9400 and RFX9600 Extenders:
 - On how to configure and install an Extender in the Pronto System.

Unpacking the Pronto Control Panel

Control Panel



Touch Screen

Activity name
Is the label you give to the activity in the editor.



USB

Battery level

WiFi activity

	Presence and/or strength network
	No IP address
	No connection
No icon	Icon disabled in the Settings – or – No network: Control Panel is configured to work with IR
	Wireless Communication present

Docking Station



Power Adapter



USB Cable



CD with the following content

- ProntoEdit Professional
- Dedicated projects for the various Pronto Control Panels
- Image galleries
- Acrobat Reader
- Starter's Guides in various languages (PDF)
 - For the various Control Panels,
 - For the various extenders.

Preparing for Configuration

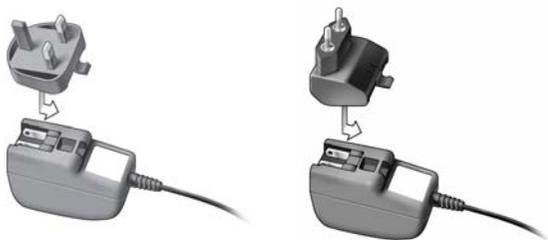
Preparing the Power Adapter

- Pull out the contacts and use the adapter with the standard power plug.



-or-

- Place one of the add-ons over the standard power plug and use the adapter with the add-on.



Charging the Control Panel

It is advised to charge the Control Panel to its maximum before you start configuring it. This can take up to 3 hours.

- 1** Activate the Control Panel by switching the **Power** switch on the left side of the Control Panel to '1'.
- 2** Place the Control Panel in the docking station.
The docking station glows when it is powered.
A **red LED** on the docking station will light up while the Control Panel is charging.



Installing ProntoEdit Professional

In the box you find a CD with which you install ProntoEdit Professional. You can also check for updates on <http://www.pronto.philips.com> in the **Downloads** section (PC Software).

Insert the CD in the PC and follow the on screen instructions to install the editor.

Notes Although **ProntoEdit Professional** can be installed together with older Philips Pronto editors, we strongly recommend using this **integrated editor** for all your configuring.

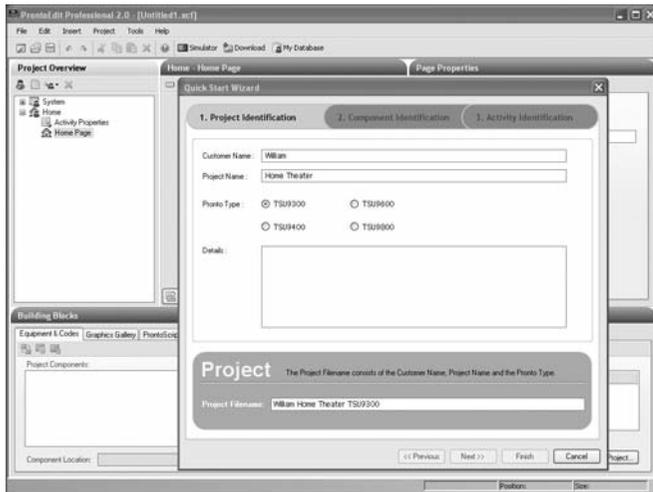
If you want to **update ProntoEdit Professional** and you have inserted personal images in the Gallery, you can make a back up of the gallery. You will be noted to do so in the installation wizard.

Configuring the Pronto Control Panel

Customizing the Project

In **ProntoEdit Professional**, the **Quick Start Wizard** helps you to build new projects (configuration files). This wizard guides you through:

- **Identification** of the project;
- Definition of the **components** in the project;
- Definition of the **activities** in the project.



When you finish the wizard, you have a basic project. You can further customize this project by following these 4 steps:

1 Adjust the layout pages of the different activities

Delete or add **buttons** to create a personal layout for every customer individually.

Tip The projects contain **Favorites pages**, where you can group the favorite TV and radio channels of your customer in categories. Position the logo on the placeholder and assign the correct channel macros via the **Add Channel Macro Action**.

2 Adjust the codes

Before you adjust the codes in the project, you add the codes of the specific A/V component of the customer in **My Database**.

Read more about the use of My Database in the **ProntoEdit Professional Online Help**.

To **add codes** to **My Database**:

- In the **Philips Database**, search the device, based on its model number and add it to **My Database** via the button  .

-Or-

- In **My Database**, learn the codes from the original remote control of the A/V component.
 - 1 Connect the Control Panel to the PC with the **USB cable**.
 - 2 Place the original remote **1 to 4 inches (2,5 - 10 cm)** from the Control Panel in line with its learning eye.
Check if both the batteries are sufficiently charged.



- 3 Press and hold the key of the original remote for more than 1 second.

-
- Tips**
- Cover the remotes with your hand or a cloth during learning. Do not learn codes under fluorescent light or sunlight. Intensive light sources affect the ability to learn codes successfully.
 - With the Control Panel connected to the PC, you can test newly added codes via the editor. On the page **Component Functions**, you press the **Test** button and the code will be sent to the A/V equipment.
-

To **assign codes** to the buttons:

- 1 In the **Building Blocks** panel, select the **Equipment & Codes** tab.
- 2 Select the code from the **Component functions** list and drag-and-drop the code to the button.

3 Configure the Extenders used in the Pronto System

- 1 In the **Building Blocks – Equipment & Codes**, select the number of Extenders and define the type.
- 2 Select the way the Control Panel will work together with the Extenders in the **System Properties** on the tab **Wireless** (Stand-Alone or Network) and insert the requested settings.

-
- Notes**
- The **wireless time out** can be set from 15 minutes to 24 hours, depending on the preference of the customer to optimize battery saving and response time when a button is pressed.
 - When the Extenders are used in a network, you need to configure the extenders with the **Extender Configuration Tool**. For more information, please refer to the Starter's Guides for the RFX9400 and RFX9600 Extenders.
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4 Configure the Settings for the Control Panel

Set time & date and define the activation method, time outs and screen brightness in the **Activity Properties** of the configuration file on the **Settings** tabs.

■ Downloading the Project to the Control Panel

To download the project to the Control Panel, connect it to your PC with the USB cable enclosed and click the icon  in **ProntoEdit Professional**.

When you connect the Control Panel to the PC, the Control Panel displays a USB icon in the upper right corner of the screen.

The PC recognizes the Control Panel as a removable disk and adds it in the folder list of your Windows Explorer as 'TSU9300'. In the right corner of your Windows taskbar, the following icon  appears.



If the Control Panel is not recognized, try the following options:

- Unplug the Control Panel and try again a few seconds later.
- Unplug the Control Panel, reset it and try again.
- Check the USB settings on the PC.

Note *The Control Panel uses default Windows drivers for recognition. If the problem is not solved with the options described above, try installing the latest Service Pack for your Windows version or check the troubleshooting section of your operating system.*

Warning *Do not pull the USB cable out of the PC during transition of the configuration file.*

Support

Replacing the Batteries

The batteries in the Control Panel are Lithium polymer batteries. It is advised to change the batteries when the autonomy of the Control Panel becomes noticeably less.

If you want to order new batteries, contact the Philips Service Center or your distributor.

For more information about the Service Center, please refer to **Support** on

<http://www.pronto.philips.com>.

Warning *Replace the batteries only with original Philips Pronto TSU9300 batteries; otherwise the guarantee is no longer valid and hazardous situations could occur.*

Battery safety instructions

- 1 Lithium polymer batteries have a soft aluminium foil package, therefore:
 - Do not strike the batteries with any sharp edged parts.
 - Make sure the worktable is clean so that no sharp particles can damage the foil.
 - Do not bend or fold battery tabs, battery body or sealing edges.
- 2 Never dispose the cells in fire. This may cause the cells to explode.
- 3 Do not spill liquids such as water or coffee on the cells.
- 4 To prevent damage, use a tool to remove the batteries and do not pull the wires.

Troubleshooting

Macros do not work

- Make sure you have defined the correct codes for your A/V equipment.
- Insert sufficient delays in the macros to allow the equipment to start up properly.
- Verify that the button has not been reprogrammed. Ensure that the Action List contains the appropriate commands for the A/V equipment.

Pronto will not learn codes

- Make sure the USB cable is inserted properly.
- Make sure the Control Panel and the original remote control are positioned correctly.
- Intensive light sources affect the ability to learn code successfully. Therefore do not learn codes under fluorescent light or sunlight and cover the remotes with your hand or a cloth during learning.
- Make sure the batteries of the Control Panel and the original remote are sufficiently charged.
- Press and hold the key on the original remote for more than one second.

The A/V equipment does not respond to commands from the Control Panel

- Make sure you have defined the correct codes for your A/V equipment.
- If you want to use RF signals for the equipment on different locations, you need to use multiple Extenders in the Pronto Network. You need to configure the Extenders:

- On the Extender hardware by assigning an ID with the **Extender ID switch**.
- In **ProntoEdit Professional** by defining the number of Extenders in the **System Properties** and matching the Extender to the A/V component in the **Device Properties**.
- When the Extenders work in a network, you need to configure the Network Settings in the **Configuration Tool**.

For more information, check the Starter's Guides for the RFX9400 and RFX9600 Extenders and the ProntoEdit Professional Online Help.

- When the Control Panel works in a wireless environment, bear in mind that it may take the Pronto Network a few seconds to wake up and start transmitting codes.
- Make sure you defined the parameters of the network correctly in ProntoEdit Professional on the tab **Network**.
- Not all Wireless Access Points are working equally well in combination with the Control Panel. Make sure you use a quality access point.

The transmission of the signals over the wireless network is slow

Depending on the Settings you made for the Network Settings, it takes longer for the Pronto Network to transmit signals. Facts that influence the speed are:

- **The location of the Wireless Access Point:** To test if the Wireless Access Point and the Control Panel are too far apart, take the Control Panel and stand closer to the Wireless Access Point.
If the transition is significantly faster, place the Wireless Access Point closer to where the Control Panel will be used or add an extra Wireless Access Point in the Pronto Network.
- **Encryption:** The encryption used by the Extenders and the Control Panel slows the transition of the signal down.
- **The chipset of your Wireless Access Point.**
- **The DHCP server settings.**

The Control Panel shows one of the following icons:

	<p>No connection</p> <ul style="list-style-type: none"> • The Wireless Access Point is powered down. • The Control Panel is out of range of the Wireless Access point. • There is an encryption problem.
	<p>No IP address</p> <ul style="list-style-type: none"> • There is no IP address received. • An IP conflict is detected.

The WiFi icon is not shown on the screen of the Control Panel

You cannot see the WiFi icon:

- When the extenders and the Control Panel are configured in **Stand-Along**.
- When you disabled the system item **WiFi Level** in the ProntoEdit Professional.

The Control Panel behaves erratically

Normally, resetting the Control Panel is not necessary. However, if the touch screen freezes or if you notice unusual behavior, you need to perform a reset to get it running again.

You reset the Control Panel by switching the Power switch to 0, waiting a few seconds and switching the Power switch back to 1.

Key Combinations

To access the **Reset** function for the Control Panel:

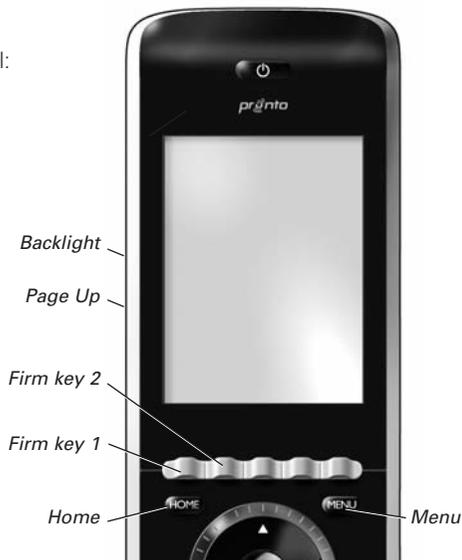
- First press **Page Up**, then also press **Menu** and **Home**.

To access the **Calibration Mode**:

- First press **Backlight**, then also press **Menu** and **firm key 1**.

To access the **Diagnostics Mode**:

- First press **Backlight**, then also press **Menu** and **firm key 2**.



FAQ Information and Latest Updates

You can find more information on www.pronto.philips.com.

Navigate to the **Support** section for more FAQ Information.

Navigate to the **Downloads** section for the following updates:

- TSU9300 Control Panel Firmware;
Download this on the Control Panel when it does not start up or when the screen stays black after resetting.
- RFX9400 and RFX9600 Extender Firmware;
- ProntoEdit Professional Software.

Note *Installing the latest update of the ProntoEdit Professional software will overwrite all files and delete the personal images you added to the gallery. Make sure to **update the gallery** when requested in the wizard to **copy your personal images to the new gallery**.*

Specifications

Display	2.8" TFT color display with touch screen QVGA (320 x 240 pixels) resolution portrait LCD 65,536 colors
Interface	USB 2.0 port connector
Drivers	Default Windows drivers
Infrared (IR)	Operating distance = max 36 ft (12 m) Learning distance = 1 - 4 inch (25 - 100 mm) at 0-40 degrees Operating angle = 45° at max 15 ft (5 m) Operating/ learning frequency range = 17 kHz – 500 kHz carrier freq
Wireless System	WiFi based technology operating at 2.4 GHz
Memory	64 MB SDRAM 48 MB Flash memory
Power Management	Power on by tilting, tapping the screen, pressing the backlight button or tapping the keys Power off automatically by time out Battery status indication
Dimensions	Control Panel: 8.5 x 2.4 x 0.9 inch (215 x 60 x 24 mm) Docking Station: 8 x 3 x 1.1 inch (202 x 76 x 28 mm)
Operating Temperature	41° F – 113° F (5° C – 45° C)
Storage Temperature	-13° F – 158° F (-25° C – 70° C)
Battery	Lithium polymer battery, 1700 mAh
Power Adapter	100 V-240 V AC / 50-60 Hz Power adapter (5 V DC/2A output)
Accessories	<ul style="list-style-type: none"> • USB cable • Power adapter • Docking station • CD-ROM with ProntoEdit Professional, Starter's Guides for the Control Panel and Extenders (PDF), Acrobat Reader • End user Starter's Guide
ProntoEdit Professional	<p>Supported operating systems</p> <ul style="list-style-type: none"> • Windows XP • Windows Vista <p>Minimum requirements:</p> <ul style="list-style-type: none"> • 1.2 GHz Intel Pentium IV workstation or equivalent • 1 GB physical memory • 512 MB of free disk space <p>Recommended requirements:</p> <ul style="list-style-type: none"> • 2.4 GHz Intel Pentium IV workstation or equivalent • 2 GB physical memory • 1 GB of free disk space
IR code database information	Designed with UEI Technology Licensed under U.S. Patent 5,689,353 Portions © UEI 1999

Pronto Control Panel Starter's Guide

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