

PHILIPS



Module A - The Pronto Family



Take-away

- Know the features of each product in the family
- Know the differences between products
- Know how to select the correct product for your project.

Contents

- What's Pronto?
- Some history
- The single room control solution
- The whole house control solution
- Summary

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What is Pronto?

It is a **range of products** targeted at the **custom installation** channel that can provide single room control up to full home control.

As a basic element different **touch-screen control panels**, ranging from a black&white to full VGA color version, provide the necessary interface to the system.

For advanced reliability and extra control options a range of **different extenders** are available.

Configuration of the control panels is easy and flexible using the supplied PC software package (ProntoEdit) that allows for **complete graphical customization** of the screen to meet the installers clients needs.

In the latest products **advanced productivity tools** like the MyDatabase and the Channels Wizard will even speed up programming.



Range of products



TSU7500 – RU990



RFX6500 – LI910



TSU3500 – RU960



RFX9400



RFX9600



TSU9600

Custom installation: The installer wants...

- Reliable solutions; do not want to get a phone call everyday about systems which are failing
 - Intuitive and simple UIF so you don't get lost
 - Reliable RF link
 - Wired control as much as possible
 - No out of sync when system power is switched
- Efficient configuration; do not want to spent too much time on programming the device
 - Wizard for the basic programming
 - Project approach allowing re-use of earlier work done
 - Maintainable IR code database



Custom installation: The end user wants...

- Great convenience; fully designed around the user
 - Intuitive, simple and reliable operation of the system
 - Ergonomic design of control panel
- Control all devices;
 - Control panel operates any AV component
 - Integrated control including lighting
- Control all content;
 - Multimedia content on dedicated servers and PC (MP3 music, pictures, movies)



Custom installation: typical components



- *Plasma / LCD TV*
- *Projector*
- *Surround sound Audio receiver*
- *Multi-room audio amplifier*
- *DVD Player /changer*
- *CD player / changer*
- *HD satellite box*
- *Cable box*
- *PVR digital Video recorder*
- *Security cameras*
- *Music server*
- *Lighting system*
- *Power conditioner*
- *Motorized screen*
- *HVAC systems*
- *FM or Satellite radio*

Complete graphical customization



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Pronto evolution



1998-2001

- Black & white display
- 7 hard buttons
- RS232 link
- Support of BMP
- IR learning/sending 95%
- Typical download: 120 s
- Page transition: 800 ms



2004

- Color display 320x240
- 15 hard buttons & cursor
- USB1 link
- Support of BMP/PNG
- IR learning/sending 95%
- Typical download: 40 s
- Page transition: 500 ms



2006

- Color display 640x480
- 16 hard buttons & cursor
- USB2 link
- Support of BMP/PNG
- IR learning/sending 100%
- Typical download: 12 s
- Page transition: 400 ms
- And more..

Philips Pronto Awards 1998 - 2006



Consumer Electronics Show 2001 (US)
"Best of Innovations Award 2001 – Accessories"



Consumer Electronics Show 2003 (US)
"Best of Innovations Award 2003 – Accessories"



Consumer Electronics Show 2004 (US)
"Design & Engineering Award for Innovations 2004 - Accessories"



Design Award Winner 2000



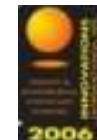
Consumer Electronics Show 1999 (US)
"Design & Engineering Award for Innovations 1999 – Accessories"



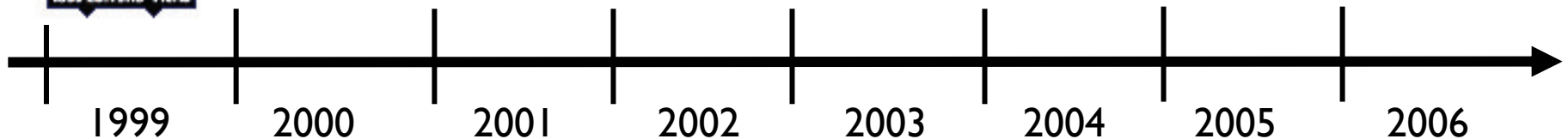
Consumer Electronics Show 2003 (US)
"Design & Engineering Award for Innovations 2003 – Accessories"



Consumer Electronics Show 2002 (US)
"Design & Engineering Award for Innovations 2002 – Accessories"



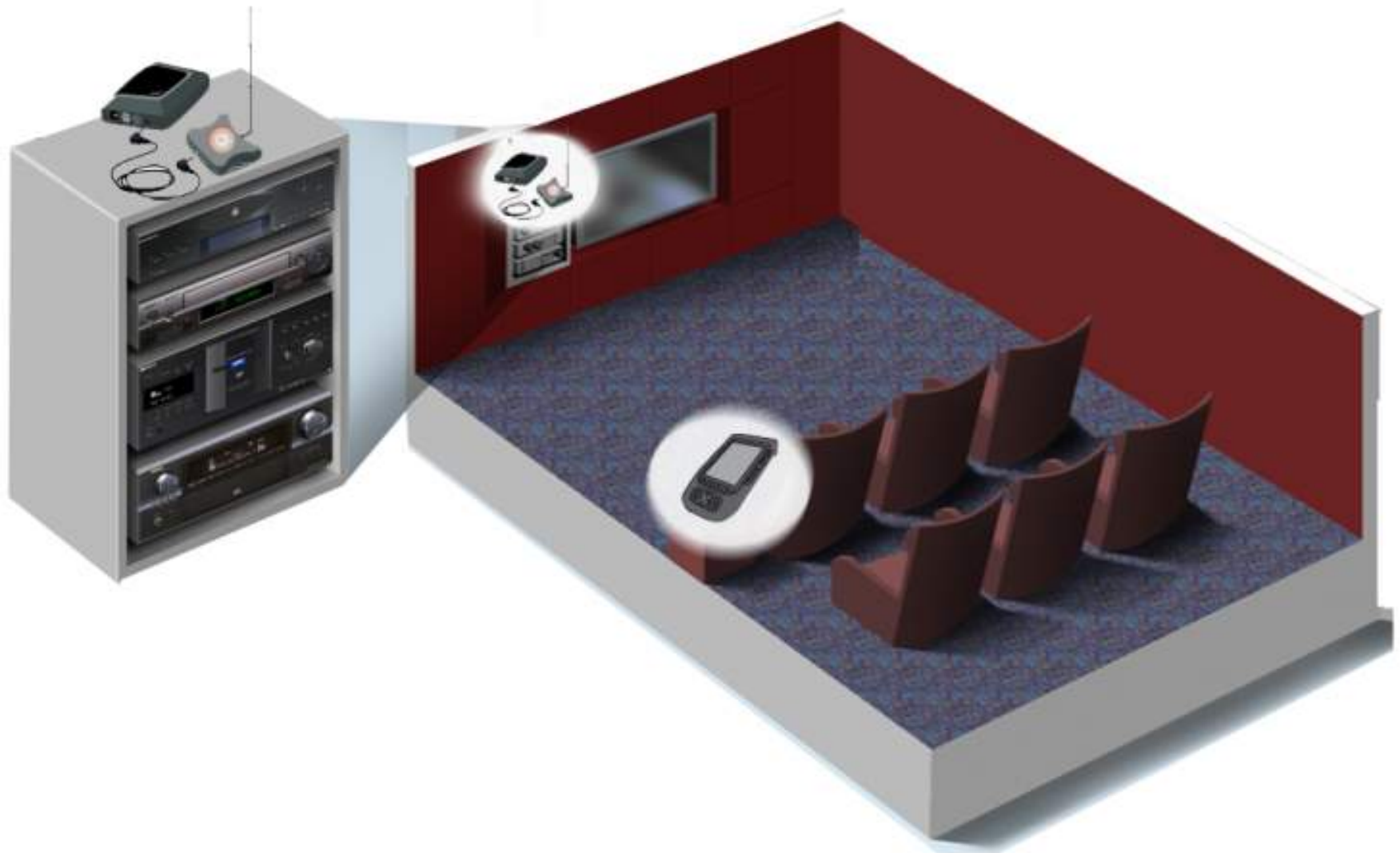
Consumer Electronics Show 2006 (US)
"Design & Engineering Award for Innovations 2006 – Accessories"



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Typical Installation



Typical Installation: hidden equipment rack



Typical Installation : pronto components



RU960 / TSU3500



RU990 / TSU7500



Li 910 / RFX6500

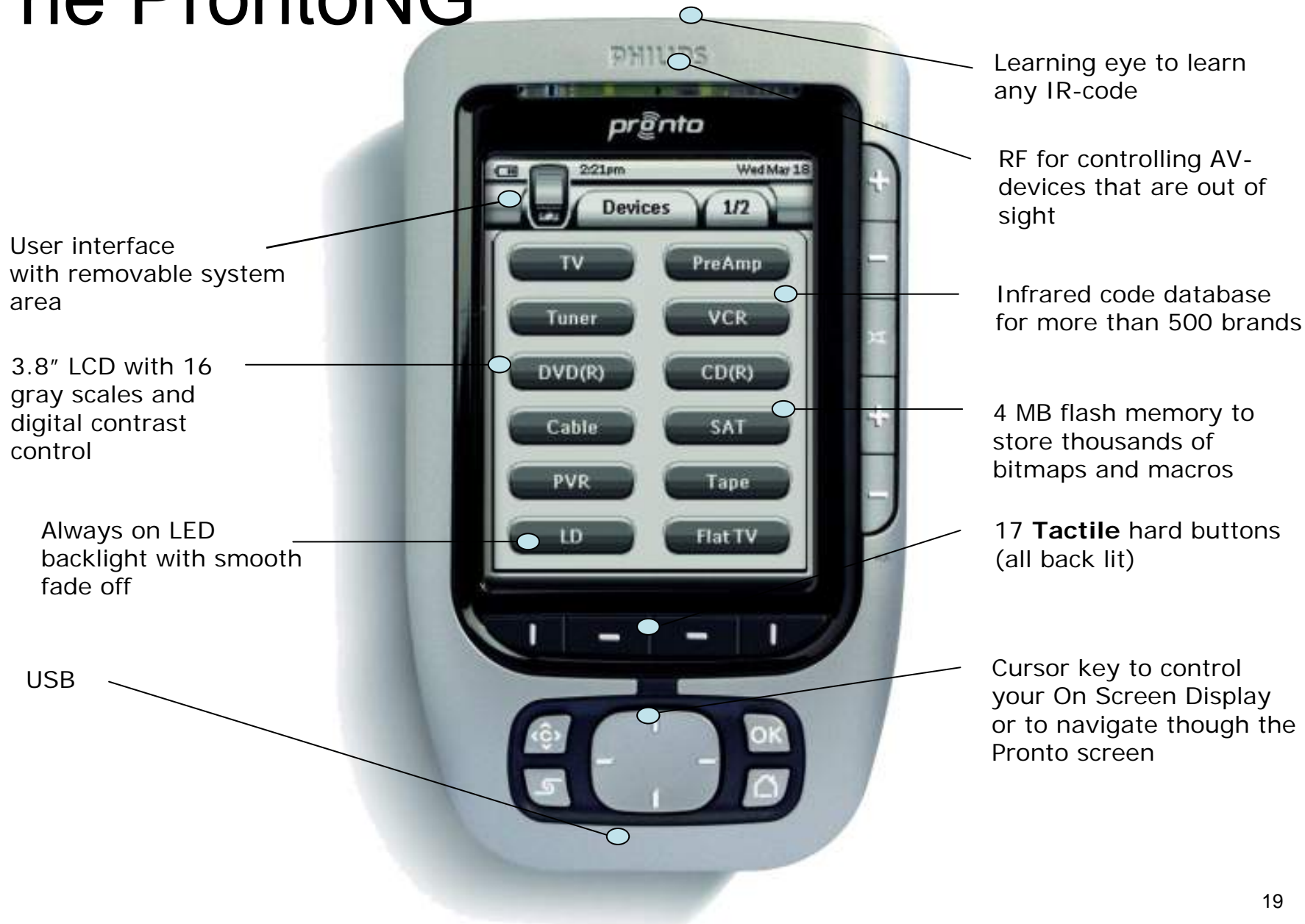
Pronto – Touch screen simplicity



- High contrast monochrome touchscreen for maximum visual impact & readability.
 - Screen with much better readability
 - High End design.
 - Buttons with tactile feel
 - Charger + Battery included in total package



The ProntoNG



ProntoPro – Total home entertainment solution



- A statement maker with 48 MB memory and best in class color touchscreen
 - Luxurious design
 - 48MB
 - 17 hard buttons with tactile feel



The ProntoPro NG



Reliable control without line of sight



- Virtually interference-free control
 - Adjustable antenna
 - Built-in RF interference indicator
 - Adjustable IR emitter output power



RF Extender

Receiver module

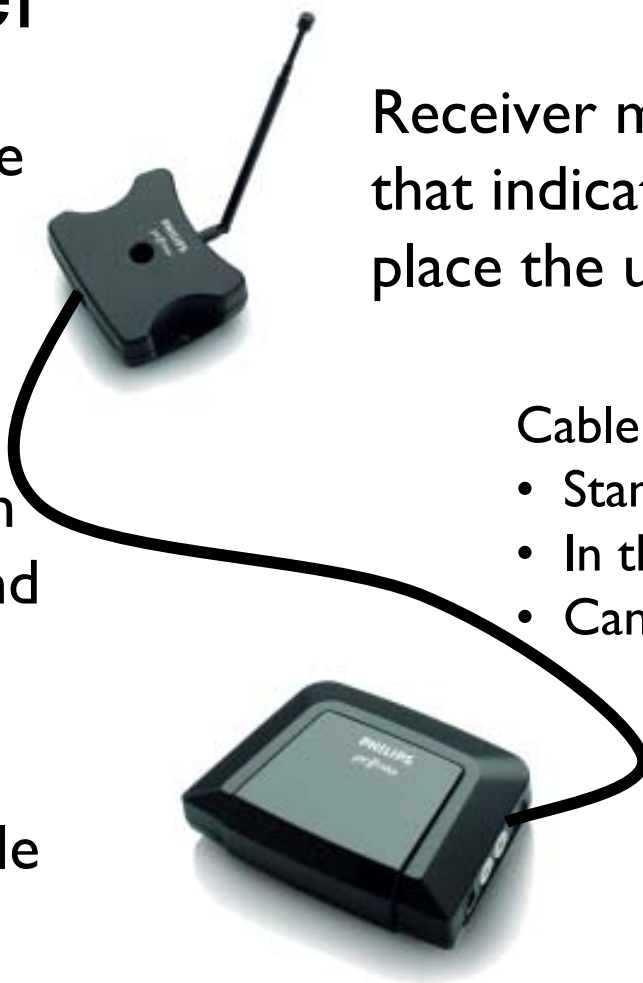
Receiver module contains LED that indicates interference: => place the unit at the best position

1 single connection cable for power and IR signals

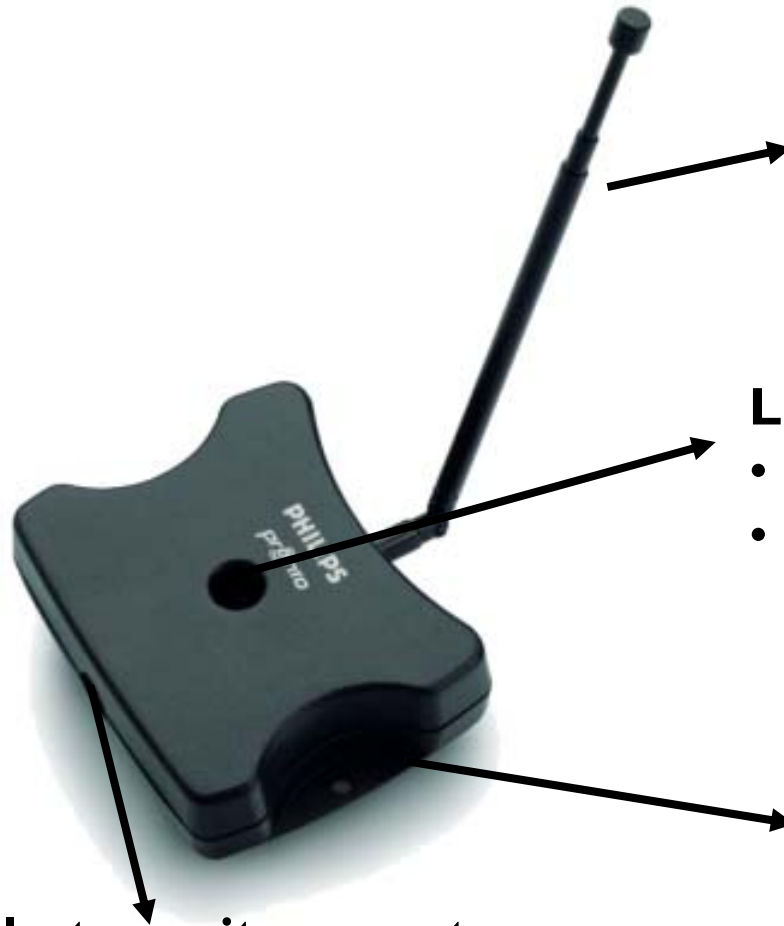
Blaster module

Cable to connect:

- Standard stereo audio cable
- In the box: 1m
- Can be prolonged up to 6 m



Receiver module details



Free positional antenna:

- Can be rotated in all directions to make the system directive
- Can be shortened to give shorter range, but less interference in very disturbed environments

LED:

- Indicates power when inserted
- Will blink when there is interference

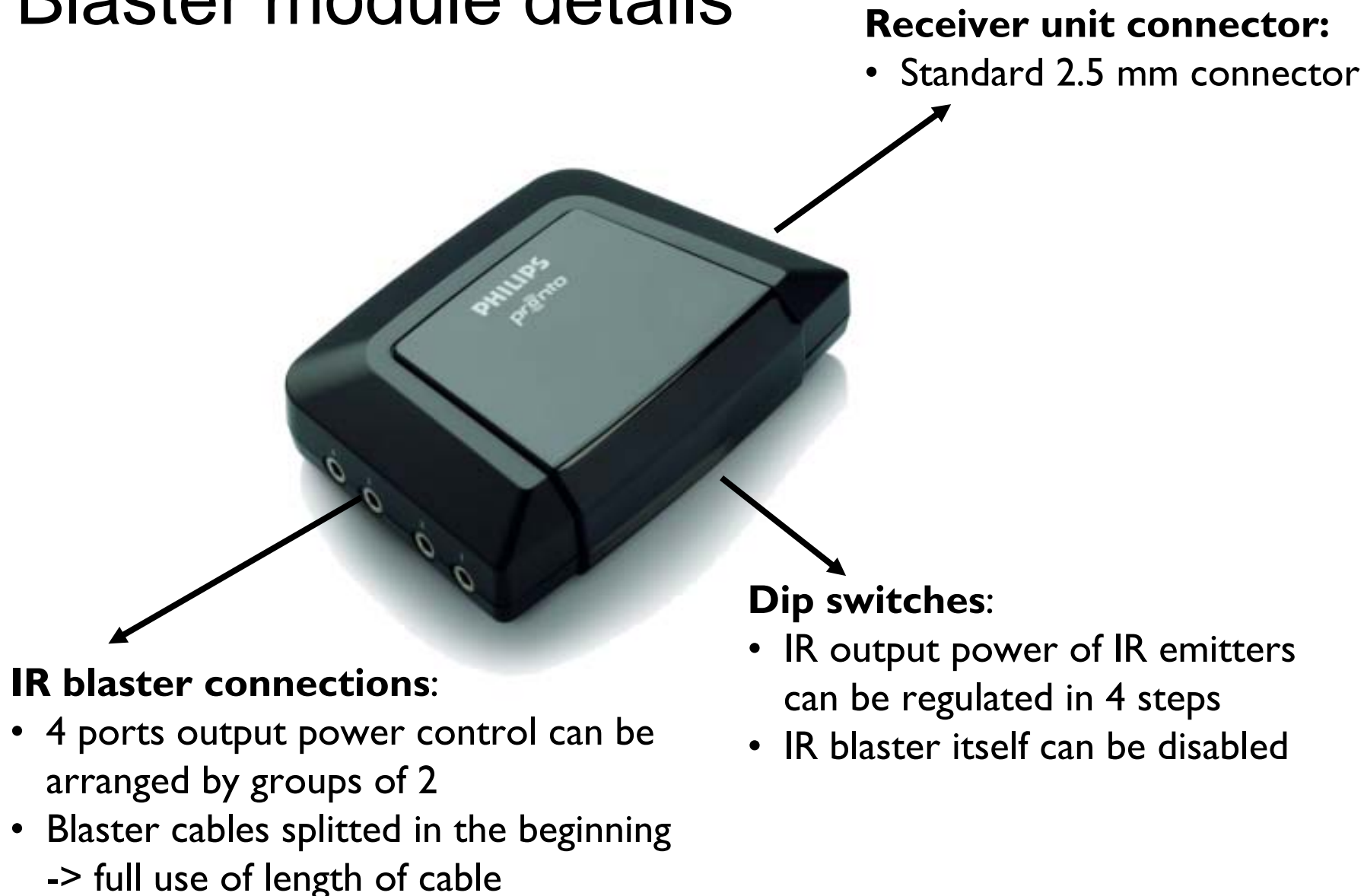
Screw holes:

- Receiver unit can be easily attached to walls, cabinets, ...

Blaster unit connector:

- Standard 2.5 mm connector

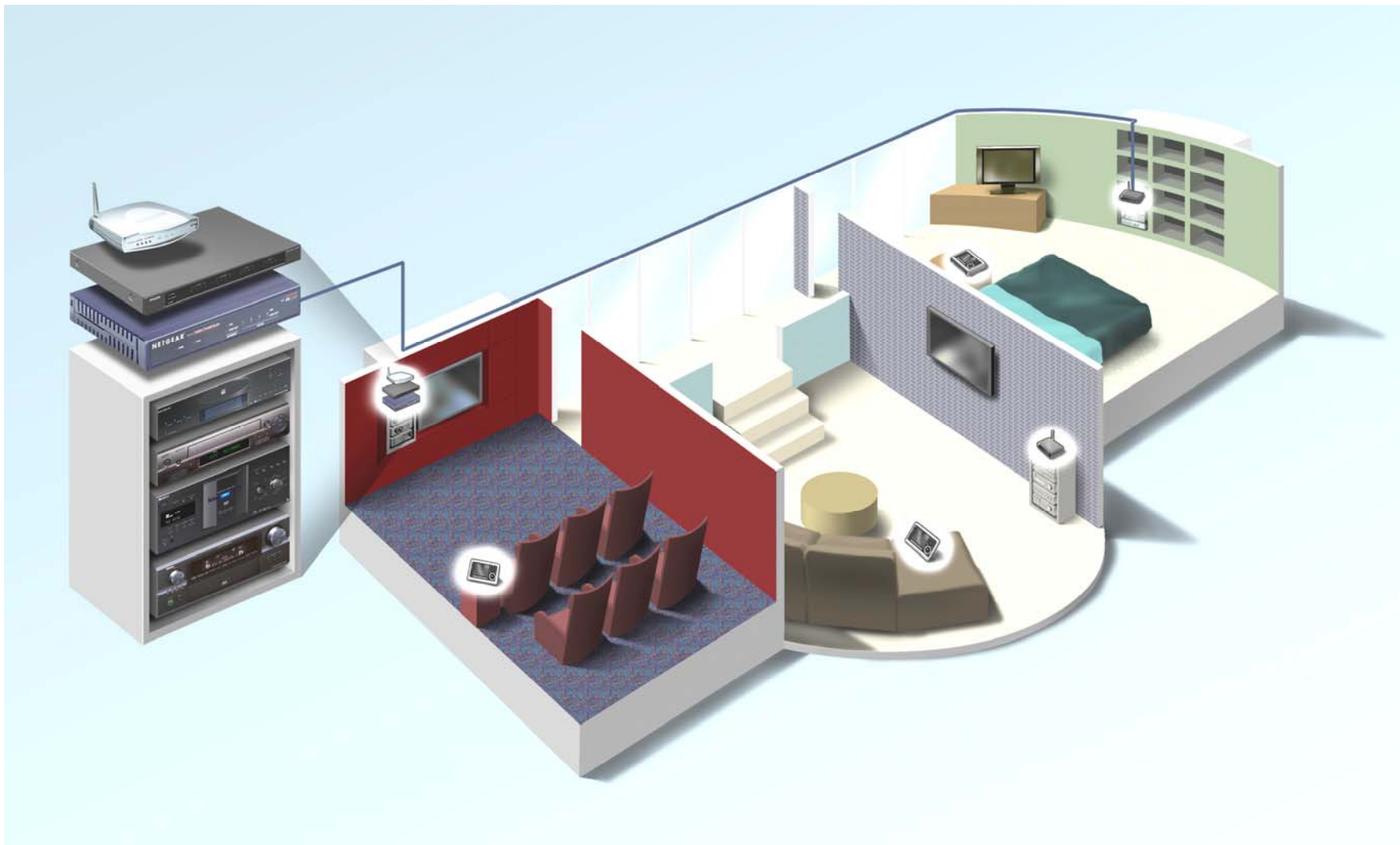
Blaster module details



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Typical installation; system overview



Typical installation: Equipment rack (hidden)



Typical installation: Local equipment in the room



**Music system /
in-wall speakers**



Local source



Lighting control



TV/Monitor (on lift)

Typical installation: Pronto elements



Pronto control panel; TSU9600



- ① Best graphics in the industry
- ② Ergonomic design with optimized button layout
- ③ Best in class IR learning and sending performance
- ④ Out of the box control of Escient and Lutron
- ⑤ Uses standard WIFI protocol 802.11g

LCD screen

The new Pronto features a 3.7" VGA screen resulting in the clearest and sharpest user interface on any touch screen remote control in the market today.



Display resolution comparison



New mechanical design

- Ultramodern flat display design
- Ergonomic grip with soft touch feeling
- Metallic look with high gloss black front panel
- Rotary wheel for easy content navigation
- Backlit buttons with blue glow
- Light radiating glass look docking station



IR performance

No problems anymore with learning IR codes due to the extreme range of 25kHz-1MHz (e.g. B&O, Sony).

As learning codes can be a time consuming activity a special learning wizard will help to quickly and easily learn a complete remote control.

Control of media servers

Full on screen user interface to control the music from your hard disk music servers.

Scrolling wheel to quickly navigate through your music library. No need to turn on your television screen to start listening to music anywhere in your house



ESCIENT®

Control of lighting

- Compatibility with Lutron lighting systems
- Full on screen user interface to control all the lights in your house with feedback which lights are on



Default Configuration file

Easy to adapt to the customer's wishes
in minutes



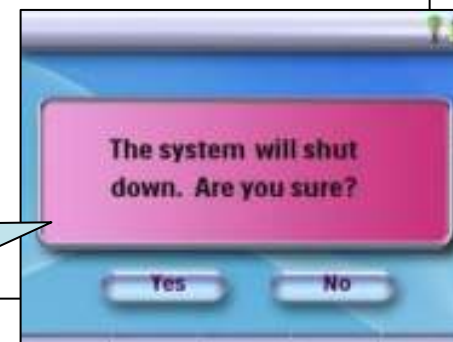
Quality sounds

WAV-sound support provides true sophistication: no more plain beeps but gentle sounds or even spoken sentences are played whenever an action is executed



“Your system is being set up for music playing”

“The system will shut down. Are you sure?”

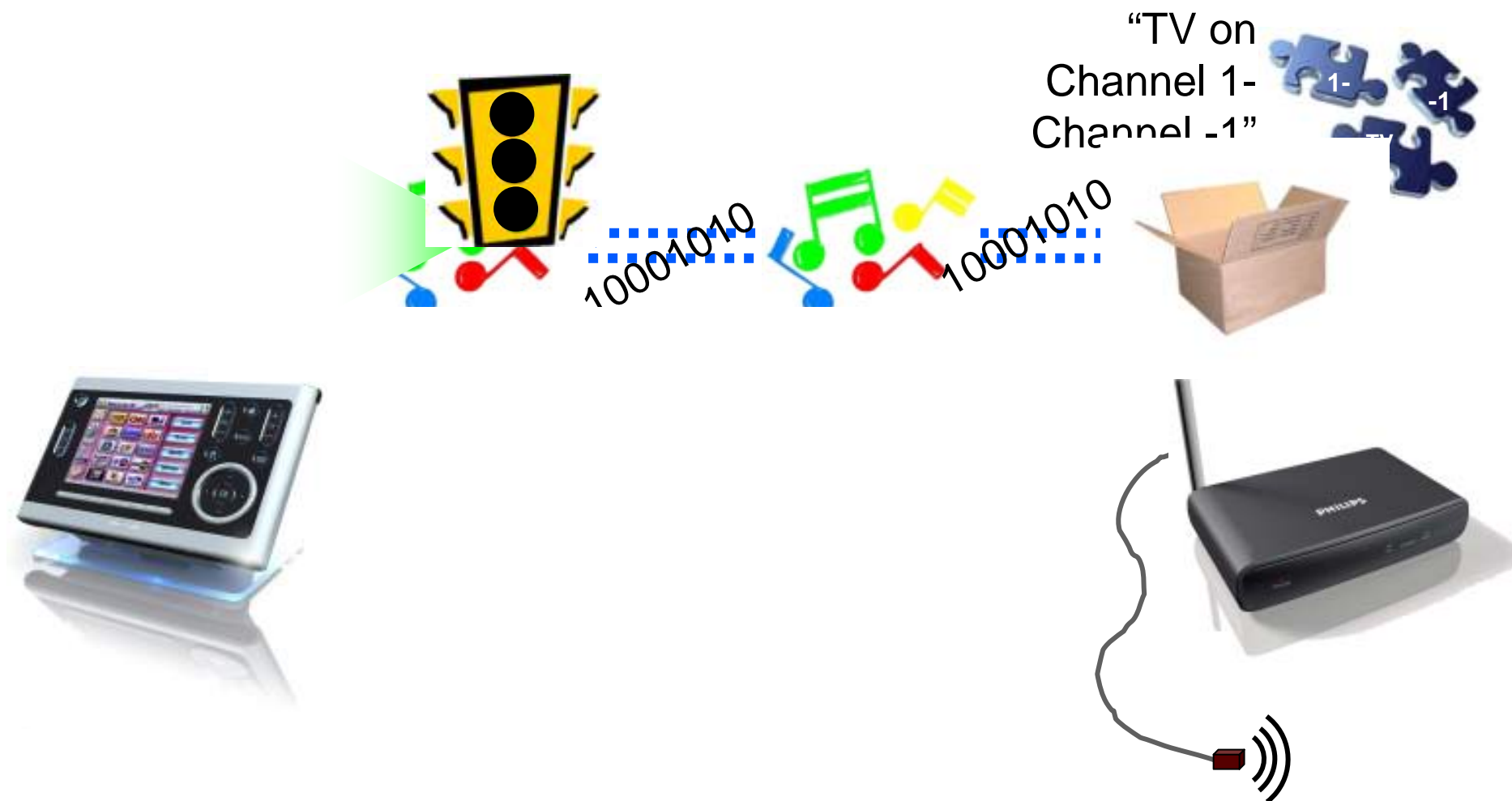


Easier after sales support

System diagnostics for easy analysis of the system



How we made WiFi reliable



Wireless extender; RFX9400



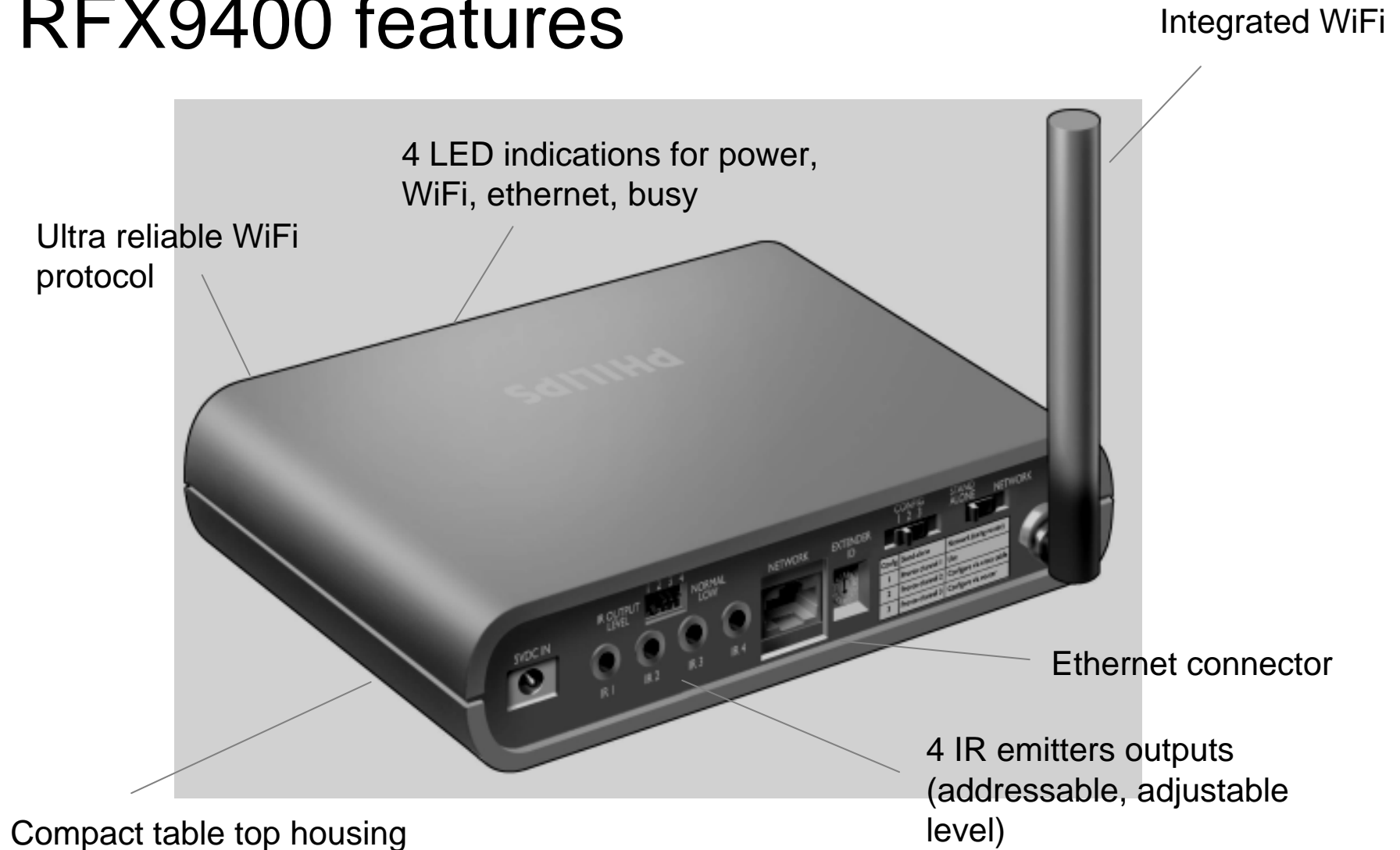
- ① Works out of the box
- ② Addressable IR ports
- ③ Works reliable in a wired and wireless WiFi network

Wireless extender



- Zero effort installation and configuration: works out of the box.
- Full configuration options for experienced installers including a wired setup.
- No range problems using standard WiFi components (WAPs) allowing for complete multi room solutions
- Reliable and accurate execution of macros with low latency due to world class transmission protocol
- Upgradeable firmware
- Individual addressable IR ports
- Emitter cables and dual mini jack cables included

RFX9400 features



Serial extender; RFX9600



- ① Ultra reliable wired discrete control (RS232)
- ② Full system control solution (power sensing and relay switching)
- ③ Professional installation; rack mountable (19")

RS232 and input sensing

Fully reliable control of all your A/V equipment by providing IP and RS232 control, input sensing and relay control, covered in a robust 19" rack mountable housing.



RFX9600 features



19 LED's for indication of power, ethernet, busy and outputs



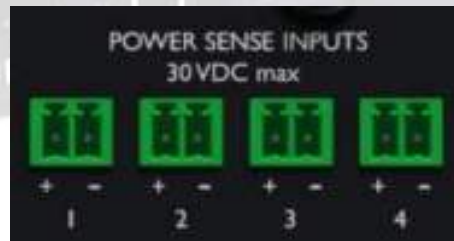
4 output relays for e.g. screen and drape control

4 IR emitters outputs (addressable, adjustable level)

Robust 19" metal housing



Ethernet connector



4 power sensing inputs



4 RS232 ports for serial control

Pronto Editor Professional 1.0



- ① System programming in minutes
- ② Manage your own IR db with “My Database”
- ③ Convenient Channel Macro Wizard

Factory database

A huge IR code database is available that can be searched on model numbers. The database is tuned towards the custom installer products and is updateable

Our 'Controlsforsure' program ensures that the codes from commonly used products in Custom Install projects come directly from the manufacturer and are fully tested



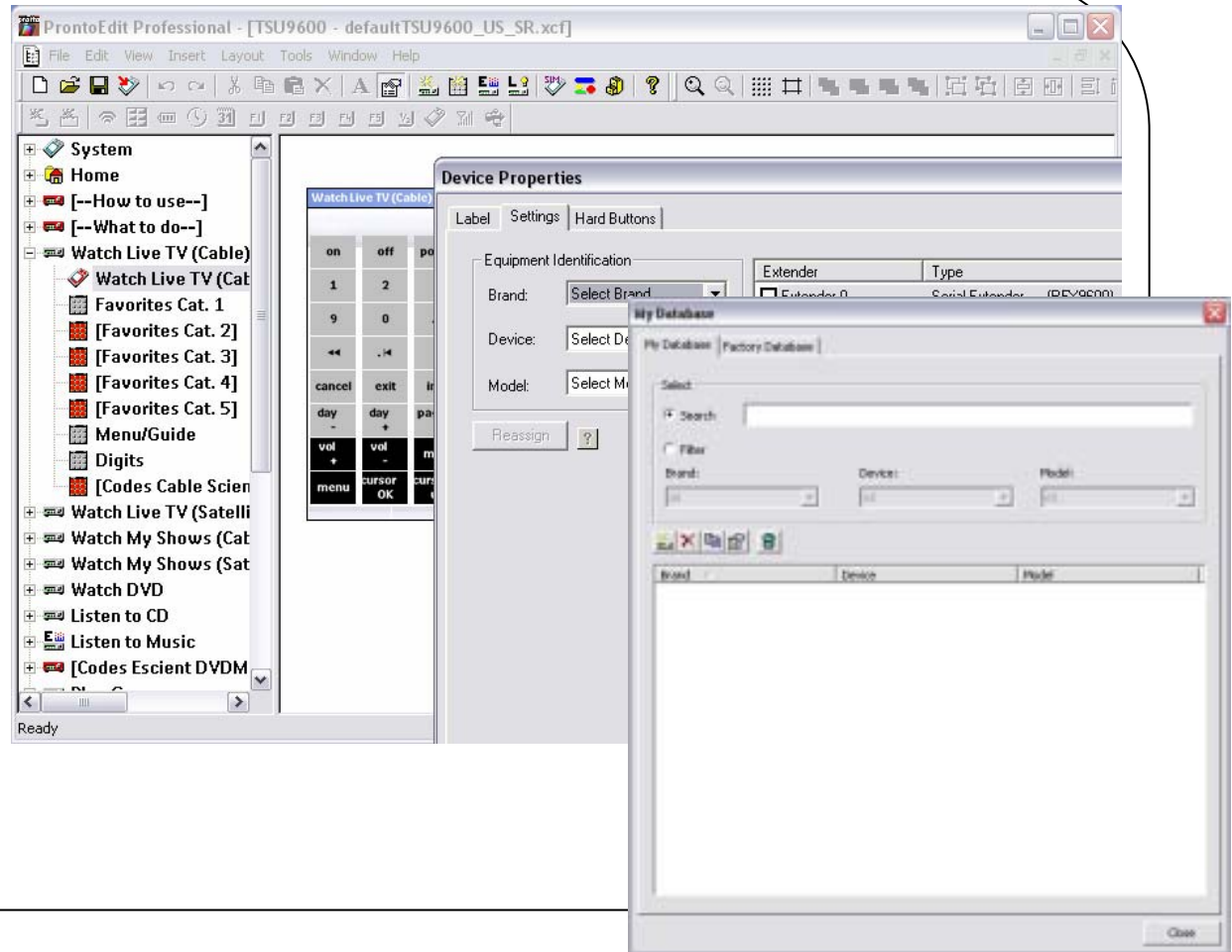


Partners



Enhanced PC editor

MyDatabase



Enhanced PC editor

Macro channel wizard

The screenshot shows a dialog box titled "Channel Macro" with a close button (X) in the top right corner. The dialog contains the following fields and controls:

- Channel:** A text input field containing the value "123".
- Select:** A group box containing three dropdown menus:
 - Brand:** Set to "Philips".
 - Device:** Set to "TV".
 - Model:** Set to "9027".
- Delay:** A spin box set to "0.5" with the unit "sec" to its right.
- Start:** A dropdown menu set to "None".
- End:** A dropdown menu set to "Enter".
- Warning:** A yellow triangle icon with an exclamation mark is positioned above a text box that reads: "The current Action List will be replaced by this Channel Macro. Click Cancel to abort operation."
- Buttons:** "OK" and "Cancel" buttons are located at the bottom right of the dialog.

