pronto Universal
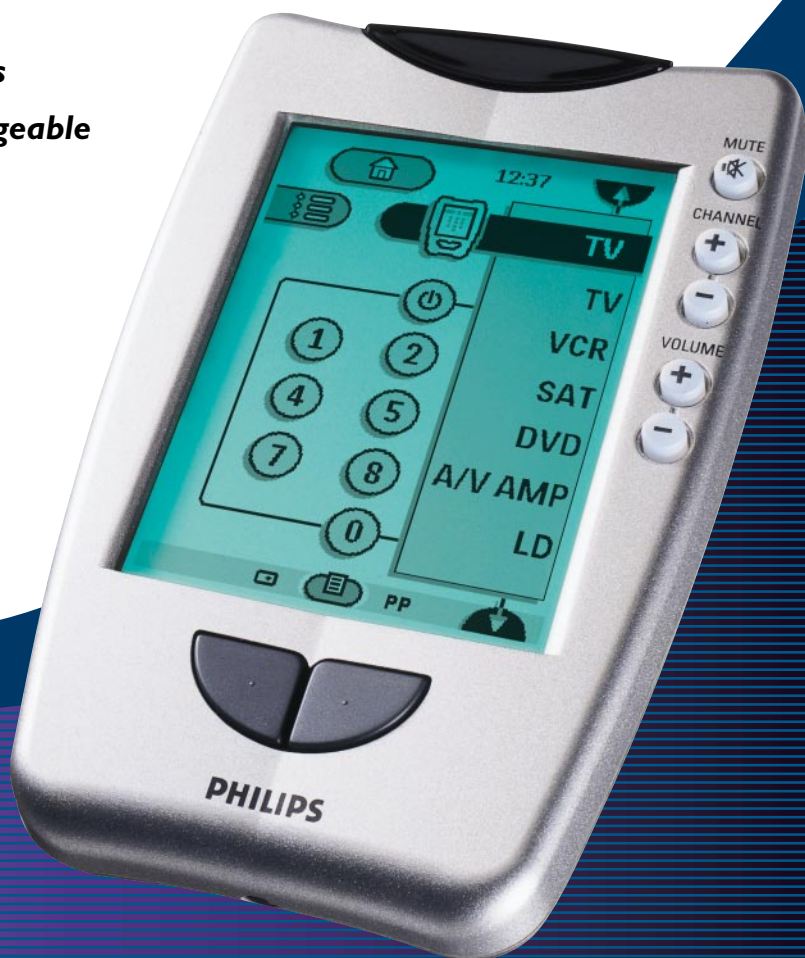## INTELLIGENT REMOTE CONTROL

TSU2000

Intelligent remote control with LCD touchscreen display!

- *Unique and fully-customizable learning remote control*
- *Total control of IR-based consumer electronics products*
- *Large high resolution LCD touchscreen display*
- *2MB of extended memory for larger configuration files*
- *Built in universal database for over 260 brands in 17 device categories with onscreen setup*
- *Dynamic display with bright backlight for convenient operation*
- *Intuitive and animated user interface with scrolling-menu options*
- *Easy to program and save commands in non-volatile memory*
- *Unlimited macro functionality*
- *Easy access to frequently used buttons*
- *Optional recharging dock with rechargeable NiMH batter pack and AC adapter*

Let's make things better.

PHILIPS

pronto Universal
INTELLIGENT REMOTE CONTROL

TSU2000

Pronto Universal combines elegance, flexibility and customization to create a remote - as unique as you are. With 2MB of memory, and the larger custom configuration file, allows anyone from novice to advanced user to customize the remote to their specific hometheater needs. Combined with the new onboard database that contains the IR codes for over 260 brands with a user friendly and easy graphical set up, Pronto Universal is one of the most versatile and easy to set up universal learning remote controls.

Customization (Pronto Universal is as unique as you are!)
Remote controls are typically limited to a certain number of components and/or functions—not this one. Pronto Universal's unparalleled design combines the benefits of a dynamic, digital user interface with direct access buttons. It's easy to add, delete, and label new buttons or menus. This allows maximum customization according to individual needs and tastes. A special feature prevents tampering with stored commands. It's easy to personalize Pronto Universal—set up and change the user interface with any number of components. Pronto Universal is as unique as you are.

Total Control (Learning Universal and Expandable)
Pronto universal Universal can control virtually all infrared (IR) devices. It comes with pre-installed remote control codes for more than 260 brands. It can also learn —any brand – and even grow in functionality as your system changes to accommodate new components. Pronto Universal gives you the ability to add buttons, devices, and macro functions as desired. The non-volatile flash memory secures the programming even if the batteries are removed.

Interactive User Interface - (Simplicity and flexibility)
The intuitive graphical user interface is easy to understand. The dynamic display uses familiar icons and sliding menus which allow for quick and easy execution of commands. Pronto Universal allows for maximum flexibility for even the most sophisticated home entertainment systems.

Unique and Elegant Design
The stylish design makes it not only attractive but practical for daily use. The product is designed to accommodate one or two-handed, cradled in the recharging dock, or tabletop operation.

Expandable and Upgradeable
Pronto Universal's built in two-way IR input/output, coupled with its two-way RS232 communication serial port ensures that it's a wise investment. These standard external ports guarantee compatibility and make it easy to upgrade with future components and applications.
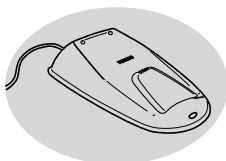
Pronto universalEdit
To further customize the Pronto Universal, free software called ProntoEdit can be downloaded for free from **www.pronto.philips.com**

• Direct-Access Buttons	Mute
	Channel Up/Down
	Volume Up/Down
	Right/Left Configuration
	Back light Button
• Send/Learning IR Eyes	
• Hardware	
Built-in IR Codes	549 Brands
IR Operating Distance	< 33 ft (70 m W/SR, 0 degrees) or
	< 10 m (70 m W/SR, 0 degrees) or
IR Operating Angle	+/- 30 degrees (@16ft or 5 m)
IR Learning Distance	1 inch or 2.5cm minimum @ +/- 40
	degrees 1ft or 30 cm maximum @
	up to 40 degrees
IR Learning Frequencies	Up to 56 kHZ
Automatic Power Mgmt	Auto power up/down (no on/off switch)
Battery Type	Four (4) AA 1.5V batteries included
Battery Life	6 months typical usage based on 50%
	battery life after 21 hours of continuous
	use and active use of back lighting
Standby Current	100uA
• LCD	
Dynamic LCDInput	Finger or capped pen
Resolution	320 x 240, 0.24 mm pitch
Refresh Rate	70 Hz
Color Scales	4 gray levels
Dimensions	3 x 2.3 inches or 77 x 58 mm
	DFSTN
• Memory (unlimited devices & macros within memory)	
SRAM	512 KB (0.5 MB)
Flash	2048 KB (2 MB)
• EL Back-Light Luminance	Output 1.3Cd/m2
• Audio: Piezo Speaker	Speakers with adjustable volume (4 KHz)
• Processor	Motorola DragonBall MC68328
• Ports	3 wire connector (RS232 serial port)
• Weight	8.8 oz or 250 g with batteries
• Dimensions	5.4 x 3.6 x 1.5 inches or
	138 x 92 x 38 mm
	(length x width x height)
• Warranty	1 year warranty
• Package Contents	Pronto Universal remote control,
	serial cable, instructional manual, warranty
	and registration cards, four (4) AA
	batteries, and CD-Rom.

Pronto Recharge Package (DS1000)
Optional Accessory - Sold Separately

• Rechargeable Battery Pack	4.8V NiMH, 2.2 x 2.245 x .6 inches, .25 lbs
• Recharge Docking Station	
with LED Indicator	5.9 x 3.554 x 1.12 inches, .41 lbs
• AC Transformer	110/220V to 12V, 700mA,
	3.65 x 2.88 x 2.17 inches, .8 lbs

For more information, web site: www.pronto.philips.com

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