



ActivBoard 500 Pro

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## THIS DOCUMENT CONTAINS SPECIFICATIONS FOR

ActivBoard

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### DESCRIPTION

The ActivBoard 500 Pro with Dual-User Pen and Touch capability is available in 87" and 95" versions with integrated slim-line speakers and amplifier, ActivInspire Professional Edition, Promethean ActivOffice and Promethean Applications software.

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### SYSTEM OVERVIEW

#### Installation

The installation of this product should be completed by a Promethean Certified Installer. Please visit [www.PrometheanWorld.com/ActivCare/installationtc](http://www.PrometheanWorld.com/ActivCare/installationtc). Components supplied and minimum specifications stated have been tested and are required for optimal performance. Use of components not supplied by Promethean or not meeting minimum specifications may impact performance and affect warranty. Contact your Promethean partner or visit [www.Prometheankb.com](http://www.Prometheankb.com) for more information

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#### Warranty

For Promethean Warranty Information please visit: [www.PrometheanWorld.com/ActivCare](http://www.PrometheanWorld.com/ActivCare)

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#### Support

Online Support for all Promethean Products available from: [www.Prometheankb.com](http://www.Prometheankb.com)

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### UPGRADE AND ACCESSORY OPTIONS

#### Cable Wall Box

Connectivity box with inputs for 2 x fully wired VGA (to support VESA DDC) plus 3.5mm stereo jack audio inputs, USB-B input (for ActivBoard), S-Video, composite video plus auxiliary audio jack inputs, Cat 5e Ethernet input. Allows additional flexibility during installation, where the computer is located further away from the System.

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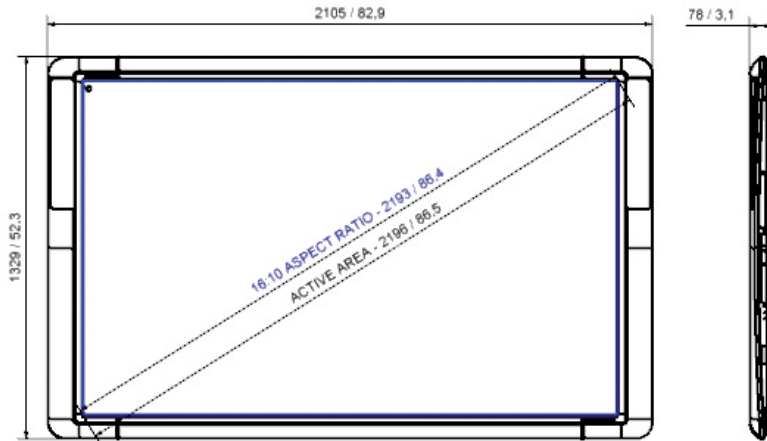
#### ActivWand 50

Wireless, battery-free and extended reach input device for the ActivBoard – 540mm (21.2in) in length; "left click", cursor and hover, just like a mouse

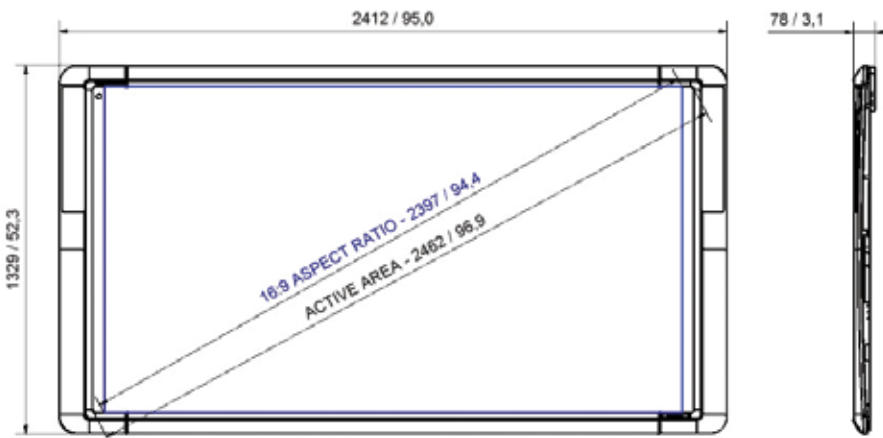
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### TECHNICAL DRAWING

ActivBoard 587 Pro



ActivBoard 595 Pro



### ACTIVBOARD GENERAL SPECIFICATIONS

Model	ActivBoard 500 Pro Range
Pen Internal Resolution	2730 points (lines) per inch
Pen Output Resolution	200 points (lines) per inch
Pen Tracking Rate	200 inches per second providing a fast response to pen commands
Pen Output Rate	160 coordinate pairs per second (single user) 80 coordinate pairs per second (dual user)
User Input	Cordless battery-free pen incorporating tip switch and side switch for full mouse functionality (ActivPen) and touch
Touch Resolution	200 points (lines) per inch
Touch Output Rate	80 coordinate pairs per second
Touch Response Rate	10 ms
Maximum Simultaneous Touches	2 with ActivInspire (Minimum requirement of 1.5 ActivInspire Professional Edition) 4 with Windows 7
Digitizing Technology	Passive Electromagnetic and Capacitive sensing interface
Power Requirement	Mains Powered; 18V Power Supply Unit
Connection to Computer	USB 2.0, 1 x 3m USB 2.0 data cable supplied
Connection to Peripherals	2 x USB ports on left hand side
Screen Surface	Low Glare Melamine
Certifications	UL, CE, FCC
Operating Temperature Range	0°C to +40°C (32°F to 104°F)
Storage Temperature Range	-20°C to +60°C (-4°F to 140°F)
Storage Humidity	10% to 90% (non-condensing)
Dual User Functionality	<b>Pen:</b> 1 Facilitator ActivPen and 1 Participant ActivPen can be used together in Dual-User Mode when using ActivInspire 1.5 Professional Edition and above. <b>Pen and Touch:</b> 1 Participant ActivPen and simultaneous additional two-touch gesture supported when using ActivInspire 1.5 Professional Edition and above.
Single User Functionality	<b>Pen:</b> 1 Facilitator ActivPen <b>Touch:</b> Two-touch gesture supported when using ActivInspire 1.5 Professional Edition and above.
Integrated USB Sound	Two integrated slim-line speakers and amplifier (with controls, inputs and outputs)
Packed Contents List	ActivBoard 587 Pro or ActivBoard 595 Pro, 2 Facilitator ActivPens, 2 Participant ActivPens, 1 AMP PSU, Wall Mounting Brackets, User Guide, Access to ActivInspire Professional Edition, Promethean ActivOffice and Promethean Applications via download. (ActivInspire Professional Edition is also available on DVD on request), 1 x 3m USB data cable

### INTEGRATED USB SOUND SPECIFICATIONS

Amplifier Power Output	20W per channel RMS (<1% distortion)
Controls	Volume, Bass, Treble, on/off
Amplifier Frequency Response	40Hz to 18kHz +/-3dB (at 1W)
USB Sound	USB Sound supported for Minimum System Requirements stated
Connectivity – Inputs (4)	Stereo PC, Stereo CD/DVD, Mono Auxiliary, Microphone to PC
Connectivity – Outputs (2)	2 Stereo
Power Requirement	18V 5 Amp

### ACTIVBOARD SPECIFICATIONS

Model	ActivBoard 587 Pro	ActivBoard 595 Pro
ActivBoard Size	87in	95in
Resolution	14600 x 9200	17200 x 9200
Screen Formats	16:10	16:9
Overall Dimensions	2105mm x 1329mm (82.9in x 52.3in)	2336mm x 1329mm (92in x 52.3in)
Active Area Dimensions	1865mm x 1175mm (73.4in x 46.3in)	2095mm x 1175mm (82.5in x 46.3in)
Active Area Diagonal	2196mm (86.5in)	2394mm (94.3in)
Actual Image Diagonal	2193mm (86.4in)	2392mm (94.2in)
Board Weight	40kg (88lb)	48kg (106lb)
Packed Weight	57kg (126lb)	65kg (143lb)
Packed Dimensions	2270mm x 1500mm x 110mm (89.4in x 59.1in x 4.3in)	2572 mm x 1495mm x 110mm (101.3in x 58.9in x 4.33in)

### MINIMUM COMPUTER REQUIREMENTS

Operating Systems	Windows XP SP3 and above (XP/Vista/7); Mac OSX 10.4.11 – 10.6.4 (Tiger/Leopard/Snow Leopard); Linux Ubuntu 9.10 or 10.04; Debian Lenny; Linex Colegios 2010; Linkat 3; ALT_Linux (Russia)
PC	2.0 GHz Intel Core 2 Duo or faster for HD-quality videos, 1 GB of RAM is required to play HD-quality videos, 1024 x 768 resolution, 1.5 GB of Free Disk Space
Mac	2.0 GHz Intel Core 2 Duo, 512 MB of RAM, 1024 x 768 resolution, 3.0 GB of Free Disk Space
Linux	2.0 GHz Processor or faster for HD-quality videos, 1 GB of RAM is required to play HD-quality videos, 1024 x 768 resolution, 1.5 GB of Free Disk Space