

# ActivBoard+2 Fixed 300 PRO Range

## Product Specifications

### INTERACTIVE WHITEBOARD SYSTEM

The ActivBoard+2 is the consummate attention grabber with integrated sound and a state-of-the-art short-throw projector. From the audience, eyes can't help but face forward.

### ACTIVBOARD GENERAL SPECIFICATIONS

<b>Internal Resolution</b>	2730 points (lines) per inch
<b>Output Resolution</b>	200 points (lines) per inch
<b>Tracking Rate</b>	200 inches per second providing a fast response to pen commands
<b>Output Rate</b>	120 coordinate pairs per second
<b>User Input</b>	Cordless Battery-free pen incorporating tip switch and side switch for full mouse functionality (ActivPen)
<b>Digitizing Technology</b>	Passive Electromagnetic
<b>Power Requirement</b>	USB powered device
<b>Connection to Computer</b>	USB
<b>Screen Surface</b>	Low Glare Melamine
<b>Certifications</b>	UL, CE, FCC
<b>Dual User Functionality</b>	2 Teacher and 2 Student ActivPens included
<b>Integrated USB Sound</b>	Two integrated slim line speakers and amplifier (with controls, inputs and outputs)
<b>Upgrade Option</b>	Wireless connection to computer
<b>Packed Contents List</b>	ActivBoard, 2 ActivPens (Teacher), 2 ActivPens (Student), 1 Amp PSU, Installation Guide, Access to ActivInspire Professional Edition via download from Promethean Planet; mains cable (power cord) shipped separately



### INTEGRATED USB SOUND SPECIFICATIONS

<b>Amplifier Power Output</b>	20W per channel RMS (<1% distortion)
<b>Controls</b>	Volume, Base, Treble, on/off
<b>Amplifier Frequency Response</b>	40Hz to 18kHz +/-3dB (at 1W)
<b>USB Sound</b>	USB Sound supported for Minimum System Requirements stated
<b>Connectivity – Inputs (4)</b>	Stereo PC, Stereo CD/DVD, Mono Auxiliary, Microphone to PC via PC
<b>Connectivity – Outputs (2)</b>	2 Stereo
<b>Power Requirement</b>	18V 3.3 Amp

### ACTIVBOARD SPECIFICATIONS

Model	ActivBoard 378 Pro	ActivBoard 387 Pro	ActivBoard 395 Pro
<b>ActivBoard Size</b>	78in	87in	95in
<b>Resolution</b>	12800 x 9200	14600 x 9200	17200 x 9200
<b>Screen Formats</b>	4:3	16:10	16:9
<b>Overall Dimensions*</b>	1868mm x 1329mm (73.5in x 52.3in)	2105mm x 1329mm (82.9in x 52.3in)	2412mm x 1329mm (95in x 52in)
<b>Active Area Dimensions</b>	1628mm x 1175mm (64in x 46in)	1865mm x 1175mm (73in x 46in)	2172mm x 1175mm (86in x 46in)
<b>Active Area Diagonal</b>	2000mm (78.7in)	2196mm (86.5in)	2462mm (96.9in)
<b>Actual Image Diagonal</b>	1958mm (77.1in)	2193mm (86.4in)	2397mm (94.4in)
<b>Board Weight</b>	28kg (62lb)	32kg (71lb)	35kg (77lb)
<b>Packed Weight</b>	43.5kg (96lb)	48kg (106lb)	51.5kg (114lb)

### FIXED FRAME SPECIFICATIONS

<b>Board Size</b>	Accommodates ActivBoard 378 Pro, 387 Pro or 395 Pro
<b>Projector Mount</b>	Aluminium arm, extends 1600mm (62.9in) from the board.
<b>Power</b>	Integrated 'power management' system for Activboard and Projector
<b>Weight (approx.)</b>	Frame only: 23kg (50.7lb) excl. board, projector and cabling
<b>Complete System Weight</b>	53kg (116lb) (when ActivBoard 378 Pro fitted)
<b>Cable Kit Contents</b>	Connectivity box with inputs for 2 x PC inputs (VGA & Audio RCA), USB input, S-video and composite video, plus auxiliary audio RCA inputs. Box also has VGA switch for PC inputs and volume control for audio output cable. Box is mounted to the frame and can be placed on either side of the system. 2m (6ft) USB patch cable (to connect computer to face plate). 2m (6ft) 3.5mm Jack to RCA cable for PC audio input (to connect computer to face plate). 2m (6ft) VGA cable provided in the projector box (to connect the computer to the face plate).
<b>Pack Weights &amp; Dimensions</b>	<p><b>Box 1 of 3:</b> 19kg (41.8lb) Dimensions: 1500mm x 340mm x 180mm (59.1in x 13.4in x 7.1in) Contents: Main extrusions, wall braces and fixings</p> <p><b>Box 2 of 3:</b> 4.9kg (10.8lb) Dimensions: 490mm x 400mm x 160mm (19.3in x 15.7in x 6.3in) Contents: Cables &amp; projector mount</p> <p><b>Box 3 of 3:</b> 1.9kg (4.2lb) Dimensions: 290mm x 210mm x 140mm (11.4in x 8.3in x 5.5in) Contents: Cable wall box</p>

### PROJECTOR SPECIFICATIONS

Model	PRM-30 (LCD)	PRM-35 (DLP)
Native Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)
Compressed Resolution	up to 1080i	up to 1080i
Typical Colours	16.77 million colours	16.77 million colours
Brightness (ANSI lumens)	1900lm/1500lm/ 2500lm (normal/normal 2/high)	2100 ANSI (normal), 2500 ANSI (high)
Contrast Ratio	500:1	2000:1
Noise Level	29dB (normal), 36dB (high brightness mode)	32db (normal), 36db (high)
Dimensions (w x d x h)	382mm x 430mm x 129mm (15in x 16.9in x 5in)	306mm x 275mm x 97mm (12.0in x 3.8in x 10.1in)
Weight	5.7kg (12.5lb)	2.72kg (6lb)
Aspect Ratio	16:10 (native), 4:3, 16:9	16:10 (native), 4:3, 16:9
Power Consumption	317W (<0.8W standby)	230W (<1W standby)
Device Type	LCD technology	DLP Technology
Focus	Manual Focus	Manual Focus
Zoom	Digital Zoom	Digital Zoom
Focal Length	Fixed	Fixed
Projection Distance	0.54m ~ 1.22m (21.3in ~ 48in)	0.5m ~ 5m (19.7in ~ 169.9in)
Projection Screen Size	1.27m ~ 2.79m (50in ~ 110in)	1.12m ~ 11.18m (44in ~ 440in)
Lamp Type	230W lamp	230W lamp (190~180W)
Lamp Life	4000 hrs (normal); 3000 hrs (high)	6000hrs (normal) 4000hrs (high)
Keystone Correction	Vertical: $\pm 20^\circ$	Vertical: max $\pm 15^\circ$
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)	5°C ~ 35°C (41°F ~ 95°F)
Power Supply Voltage	100-240V AC, 50/60Hz	100 ~120V/200 ~ 240V AC, 50/60Hz
Horizontal Scan Rate	15Hz ~ 90kHz	15Hz ~ 90kHz
Vertical Scan Rate	50Hz ~ 85 Hz	50Hz ~ 85 Hz
Computer Compatibility	IBM PC and Compatibles; Apple Macintosh, iMac, and VESA Standards WSXGA+ (1,680 x 1,050), WXGA+ (1,440 x 900), WXGA (1,280 x 800, 1,280 x 768), UXGA (1,600 x 1,200), SXGA+ (1,400 x 1,050), SXGA (1,280 x 1,024), XGA (1,024 x 768), SVGA (800 x 600), VGA (640 x 480)	IBM PC and Compatibles; Apple Macintosh, iMac, and VESA Standards WSXGA+ (1,680 x 1,050), WXGA+ (1,440 x 900), WXGA (1,280 x 800, 1,280 x 768), UXGA (1,600 x 1,200), SXGA+ (1,400 x 1,050), SXGA (1,280 x 1,024), XGA (1,024 x 768), SVGA (800 x 600), VGA (640 x 480)

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### PROJECTOR SPECIFICATIONS (CONTINUED)

<b>Video Compatibility</b>	NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1035i), EDTV (480p, 575i), SDTV (480i, 576i)	NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1035i), EDTV (480p, 575i), SDTV (480i, 576i)
<b>Inputs/Outputs</b>	Computer In (D-sub 15-pin RGB) x 1 Computer In/Out (D-sub 15-pin RGB) selectable x 1 HDMI (Digital RGB) x 1 Composite Video (RCA) x 1 S - Video x 1 Stereo mini-jack In x 1 Audio In (RCA white/red) x 1 Networking LAN (RJ45) x 1 Serial RS-232C x 1	Computer In (D-sub 15-pin RGB) x 2 Computer Out (D-sub 15) x 1 HDMI V.1.3 only for Video x 1 Composite Video (RCA) x 1 S - Video x 1 Networking LAN RJ45 x 1 USB control x 1 Serial RS-232C x 1
<b>Colour</b>	Silver	Silver
<b>Security</b>	Kensington Lock, Security cable bar option, pin code security, remote control operated only	Kensington Lock, Security cable bar option, pin code security, remote control operated only
<b>On-screen Menu</b>	Arabic, Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Kazak, Korean, Norwegian, Polish, Portuguese, Portuguese (Brazilian), Romanian, Russian, Spanish, Swedish, Turkish	Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish
<b>Advanced Features</b>	Long Life Filter – 4000hrs Cable Management Cover Quick Lamp Access Direct power on/off	Filter-less 3D Ready Quick Lamp Access Direct power on/off Cable Management Cover
<b>Packed Contents List</b>	Power cord, computer cable (Dsub 15-Dsub 15), wireless remote, PIN code label, owner's manual (CD-ROM & Quick Start Guide)	Power cord, computer cable (Dsub15-Dsub15), wireless remote, owner's manual (CD-ROM & Quick Start Guide)

### MINIMUM SYSTEM REQUIREMENTS

<b>Operating Systems</b>	Windows XP SP2 and above (XP/Vista/7); Mac OSX 10.4.11 – 10.6.1 (Tiger/Leopard/Snow Leopard); Linux Ubuntu 8.04, 8.10, 9.04, 9.10; Mandriva
<b>PC</b>	Pentium 4 – 1 GHz processor (800MHz for Vista), 512 MB of RAM, 1024x768 resolution, 1.5 GB of Free Disk space
<b>Mac</b>	Macintosh Intel Processors (Universal Binary), 512 MB of RAM, 1024x768 resolution, 3.0 GB of Free Disk Space
<b>Installation</b>	ActivBoard+2 system requires installation by an certified Promethean installer. 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 <a href="http://www.prometheankb.com">www.prometheankb.com</a> for more information.

### UPGRADE AND ACCESSORY OPTIONS

<b>Wireless Upgrade Pack 300 Pro</b>	Allows the ActivBoard 300 Pro to connect to the computer wirelessly; includes an ActivHub (2.4 GHz) and Quick Start Guide
<b>ActivWand 50</b>	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

### WARRANTY AND SUPPORT<sup>†</sup>

<b>ActivBoard, Fixed Stand</b>	Three-Year Warranty with Three-Year Email and Telephone Support. Additional Two-Year Warranty and Two-Year Email and Telephone Support upon registration.
<b>PRM-30 and PRM-35</b>	Three-Year Projector and Three-Year/3000hr Lamp Warranty with Three-Year Email and Telephone Support.
<b>ActivPen</b>	One-Year Warranty and 90-Day Telephone Support
<b>Support</b>	Online Support for all Promethean Products available from: <a href="http://www.prometheankb.com">www.prometheankb.com</a>

### TECHNICAL DRAWING SPECIFICATIONS

