

# 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 with supplied 5m (16ft) USB cable
<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), 5m (16ft) USB cable, 1 Amp PSU, Installation Guide, Access to ActivInspire Professional Edition via download from Promethean Planet; mains cable (power cord) shipped separately ActivStudio or ActivPrimary to be included with ActivBoard shipped to the following countries: Czech Republic, Greece, Hungary, Indonesia, Japan, Malaysia, Malta, Poland, Romania and Slovenia



### ACTIVBOARD SPECIFICATIONS

Model	ActivBoard 378 Pro	ActivBoard 387 Pro	ActivBoard 395 Pro
ActivBoard Size	78in	87in	95in
Resolution	12800 x 9200	14600 x 9200	17200 x 9200
Screen Formats	4:3	16:10	16:9
Overall Dimensions	1868mm x 1329mm (73.5in x 52.3in)	2105mm x 1329mm (82.9in x 52.3in)	2412mm x 1329mm (95in x 52in)
Active Area Dimensions	1628mm x 1175mm (64in x 46in)	1865mm x 1175mm (73in x 46in)	2172mm x 1175mm (86in x 46in)
Active Area Diagonal	2000mm (78.7in)	2196mm (86.5in)	2462mm (96.9in)
Actual Image Diagonal	1958mm (77.1in)	2193mm (86.4in)	2397mm (94.4in)
Board Weight	25kg (55lb)	27kg (61lb)	31kg (68lb)
Packed Weight	40kg (88lb)	45kg (99lb)	50kg (110lb)

### 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>	<b>Box 1 of 3:</b> 19kg (41.8lb) Dimensions: 1510mm x 335mm x 175mm (59.4in x 13.2in x 6.9in) Contents: Main extrusions, wall braces and fixings <b>Box 2 of 3:</b> 4.7kg (10.3lb) Dimensions: 485mm x 400mm x 160mm (19.1lb x 15.7lb x 6.3in) Contents: Cables & projector mount <b>Box 3 of 3:</b> 2kg (4.4lb) Dimensions: 280mm x 210mm x 137mm (11.0in x 8.3in x 5.4in) Contents: Cable wall box

### PROJECTOR SPECIFICATIONS

Model	PRM-20A (LCD)	PRM-25 (DLP)
Native Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)
Compressed Resolution	Maximum UXGA (1600 x 1200)	Maximum UXGA (1600 x 1200)
Typical Colors	16.77 million colors	16.77 million colors
Brightness (ANSI lumens)	1500 ANSI (normal), 2000 ANSI (high)	1600 ANSI (normal), 2000 ANSI (high)
Contrast Ratio	500:1	2000:1
Noise Level	31dBA (normal), 38dBA (high brightness mode)	29db (normal) 34db (high brightness mode)
Dimensions (w x d x h)	320mm x 148mm x 301mm (12.6in x 5.8in x 11.9in)	335mm x 102mm x 256mm (13.2in x 4.0in x 10.1in)
Weight	3.3kg (7.3lb)	3.45kg (7.6lb)
Aspect Ratio	16:10 (native), 4:3, 16:9	16:10 (native), 4:3, 16:9
Power Consumption	250W (7W standby)	240W (normal) <1W (standby)
Device Type	LCD technology	DLP Technology
Focus	Manual Focus	Manual Focus
Zoom	Digital Zoom	Digital Zoom
Focal Length	6:60 F=1.80	7.27 F=2.86
Projection Distance	0.54m ~ 1.22m (21.3in ~ 48in)	0.54m ~ 1.22m (21.3in ~ 48in)
Projection Screen Size	1.27m ~ 1.22m (50in ~110in)	1.27m ~ 1.22m (50in ~110in)
Lamp Type	200W lamp ~ (185 ~ 150W)	230W lamp (190~180W)
Lamp Life	3000 hrs (normal); 2000 hrs (high)	4000hrs (normal) 2500hrs (high)
Keystone Correction	Vertical: max ± 20°	Vertical: max.±15°
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)	5°C ~ 35°C (41°F ~ 95°F)
Power Supply Voltage	100 ~120V/200 ~ 240V AC, 50/60Hz	100 ~120V/200 ~ 240V AC, 50/60Hz
Horizontal Scan Rate	15kHz ~100kHz	15Hz ~ 90kHz
Vertical Scan Rate	50Hz ~100Hz	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)

Continued on next page

### 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</b>	RGB/Component Scart RGB (Dsub15) x 1 RGB in or Monitor out (Dsub 15) x 1 S-Video (Mini DIN 4-pin) x 1 Composite Video (RCA) x 1 Audio (RCA) x 2 (R,L mono) Audio mini jack (stereo) x 1 Networking LAN RJ45 x 1 Serial (mini DIN 8-in) x 1	RGB/Component Scart RGB (Dsub15) x 1 Monitor out or RGB In (Dsub 15) x 1 HDMI V.1.3 only for Video & Audio USB control S-Video (Mini DIN 4-pin) x 1 Composite Video (RCA) x 1 Audio (RCA) x 2 (R,L mono) Audio mini jack (stereo) x 1 Networking LAN RJ45 x 1 Serial (mini DIN 8-in) x 1
<b>Color</b>	PRM-20A Orange PRM-20A-S Silver	Grey
<b>Security</b>	Kensington Lock; PIN code lock and logo PIN lock	Kensington Lock; PIN code lock and logo PIN lock
<b>On-screen Menu</b>	Chinese, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Spanish, Swedish	Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish
<b>Packed Contents List</b>	Power cord, computer cable (Dsub15-Dsub15), wireless remote, owner's manual (CD-ROM & Quick Start Guide)	Power cord, computer cable (Dsub15-Dsub15), wireless remote, owner's manual (CD-ROM & Quick Start Guide)

### RECOMMENDED COMPUTER REQUIREMENTS

<b>Operating Systems</b>	Windows Vista, XP; MAC OS 10.4.11 and above, Linux Ubuntu 8.04
<b>Installation</b>	ActivBoard+2 Fixed system requires installation by an authorized Promethean installer

### STANDARD WARRANTY AND SUPPORT

<b>ActivBoard</b>	Five Year* (Return-To-Base)
<b>Fixed Stand</b>	Five Year*
<b>PRM-20A and PRM-25</b>	Three year*
<b>ActivPen</b>	One Year
	Knowledgebase: <a href="http://www.prometheankb.com">www.prometheankb.com</a>

\*Conditions may apply

Page 5

©2009 Promethean Ltd. All Rights Reserved. ActivBoard+2 is a trademark of Promethean Ltd. [www.prometheanworld.com](http://www.prometheanworld.com) Product Specifications are subject to change without notice. 06/09

### TECHNICAL DRAWING SPECIFICATIONS

