



ActivPanel™

INTERACTIVE FLAT PANELS

70" and 80"

The award-winning Promethean ActivPanel creates a captivating, "tablet-like" experience in the front of the modern classroom. Powered by a revolutionary, upgradable Android™ processor, it transforms the traditional projection display into an "intelligent hub" that unleashes the power of teacher and student connectivity.

THE POWERFULLY-INTELLIGENT, CONNECTED HUB OF THE MODERN CLASSROOM



The Power of Apps: Transform the learning experience by connecting teachers and students to the vast, ever-expanding world of over 500,000 educational apps.



The Power of Connectivity: Create a collaborative learning environment by accessing a Wi-Fi or Wi-Fi hotspot to mirror and share content from anywhere in the room.



The Power of Extension: Expand the teaching and learning possibilities by incorporating Bluetooth-connected devices such as musical keyboards, digital lab sensors, and droids/robots to support STEM / STEAM education.



The Power of Upgradability: Modernize your classroom at the rate of technology innovation. With its revolutionary external Android processor design (ActivConnect™), the processor capacity of the new Promethean ActivPanel can be easily upgraded over time to keep pace with frequent advances in computing technology.



The Power of Usability: Access your favorite apps with ease, switch between applications or customize your home page the way you want. ActivPanel's user interface is designed to make learning both fun and engaging.

ActivPanel v4.5 SS 06/16 v1.5 EN

Page 1

External, upgradable
Android with 2 GB RAM
and 16 GB internal storage

Full HD 1080p
with anti-glare glass
for optimal viewing

Easy device connectivity
includes HDMI®, VGA,
RS232, USB, OPS,
SD card and more

Multi-user display
with 10 simultaneous
touch points

Standard warranty
3-year subject to
registration and
based on region

Quick launcher
with pre-installed
apps, including web
browser, teaching
software and more

App menu
access and
categorize all of your
downloaded apps

Widget menu
download and
access various
widgets, including
time and weather

Stereo speakers
dual 10W front-facing

2 styluses and 1 digital pen
to write, draw and annotate

Toolbar
provides access to Instant
Whiteboard, Screen
Capture and Home Page



Intelligent Design

Innovation in computing power doubles every 2 years. Our external, upgradable solution allows you to replace your existing Promethean Android device with the most up-to-date technology.



Award-Winning Software Included

Create and deliver interactive lessons and assessments with our award-winning software - ClassFlow and ActivInspire (Professional Edition).



The Powerfully-Intelligent **ActivPanel**

DISPLAY

Diagonal Size	Available in two sizes: 70" and 80"
Screen Type	TFT LCD (Direct LED Backlight)
Aspect Ratio	16:9
Display Area	70" : 1540 x 876 mm (61 x 35 in) 80" : 1774 x 1002 mm (69.8 x 39.4 in)
Resolution	Full HD 1080 p (1920 x 1080 px @ 60 Hz)
Response Time	70" : 6 ms; 80" : 4 ms
Refresh Rate	60 Hz
Display Colors	1.07B (10-bit)
Contrast Ratio	70" : 4000:1; 80" : 5000:1
Viewing Angle	178°
Backlight Lifetime	Up to 50,000 hrs
Child Lock Option	Yes

CONNECTIVITY

HDMI 2.0	3
USB Touch	2 (source switched)
VGA	2 (D-sub), 1 out
YPbPr	1
CVBS	1
PC Audio (3.5 mm)	2
Headphone	1
USB 2.0	3
USB 3.0	1
RS232 Serial	1
OPS Slot	1

AUDIO

Speakers	Front-facing stereo speakers
Power	2 x 10 W

EXTERNAL ANDROID

System Version	Android 5.1 Lollipop
CPU	Rockchip RK3368 Octa Core Up to 1.5 GHz
GPU	SGX6110; support 4K*2K H.265/ H.264/2GB 2GB DDR3
RAM	2 GB
Internal Storage	16 GB

POWER

Power Requirements	100V - 240V AC
Power Consumption (Normal)	< 190 W
Power Consumption (Standby)	< 0.5 W
Ultra-Quiet Fanless Design	Yes

ENVIRONMENTAL

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 55°C (-4°F to 140°F)
Operating Humidity	20% to 85% humidity
Storage Humidity	10% to 80% humidity

PHYSICAL SPECIFICATIONS

	70" Size	80" Size
Overall Dimensions	1629 x 990 x 103 mm (64 x 39 x 4.1 in)	1862.1 x 1128 x 104 mm (73.3 x 45 x 4.1 in)
Net Weight	65 kg (143 lbs)	80 kg (176 lbs)
Packed Weight	80 kg (176.4 lbs)	93 kg (205 lbs)
Packed Dimensions	1856 x 307 x 1150 mm (73.1 x 12.1 x 45.3 in)	2068 x 307 x 1268 mm (81.4 x 12.1 x 50 in)
Vesa Mount Point - Wall/Stand	6 x M6; VESA 400 x 434 mm (15.7 x 17 in)	4 x M8; VESA 600 x 800 mm (23.6 x 31.4 in)

INTERACTIVITY

Compatibility	Windows® 7 to 10 Mac OS® X 10.6 - 10.11 Linux® Ubuntu 12.04 -14.04 Chromebook™ with touch
Continuous Touch Points	10
Digital Pen	1
USB HID Pen Compatible	Yes
Gestures and Edge Swipes	Win 8.1 Optimized and MacBook®
Touch Technology	Infrared
Touch Resolution	32,767 x 32,767 px
Bezel Size	25 mm
Positioning Accuracy	3 mm approx.
Tracking Rate	400 in/sec
First Touch & Subsequent Response	70" : 7.2 ms 80" : 8.3 ms

DIGITAL PEN

Pen Function	HID pen digitizer or mouse independent and non-concurrent of touch
Left / Right Click	Mechanical tip switch / barrel button
Hover	Yes
Battery / Life	AAA non-rechargeable (> 1 year)
Pen Storage	Pen holder attached to ActivPanel to protect pen and preserve battery life

PACKED CONTENTS

What's in the box	ActivPanel (x1), Digital pen (x1), Stylus (x2), Wall mount (x1), Vesa mount bolts (x4), Remote control (x1), Batteries (x2 AAA), Power Cable x3 (3 m/9.8 ft. UK, US, EU), HDMI cable+fastener x1 (3m/9.8 ft.), USB cable x1 (3m/9.8 ft.), Install and User guide (x1)
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STAND OPTIONS

Fixed Wall Mount	Included in box
Non-Adjustable Mobile Stand	Available in all markets
Adjustable Wall Mount and Mobile Stand	Available in specific markets

WARRANTY

Standard Warranty	3-Year Warranty (subject to registration and based on region)
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INSTALLATION

The ActivPanel includes a fixed wall mount system. The installation of this product should be completed by a Trained Promethean Installer. Use of components not supplied by Promethean or not meeting minimum specifications may impact performance, safety and warranty. For more information, visit Support.PrometheanWorld.com.

SUPPORT

For all Promethean Products, please visit: Support.PrometheanWorld.com

ActivPanel v4.5S 06/16 v1.5 EN

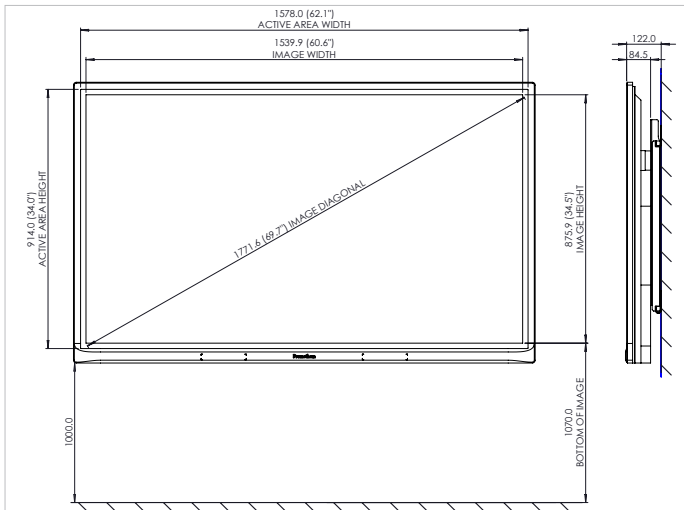
Page 3



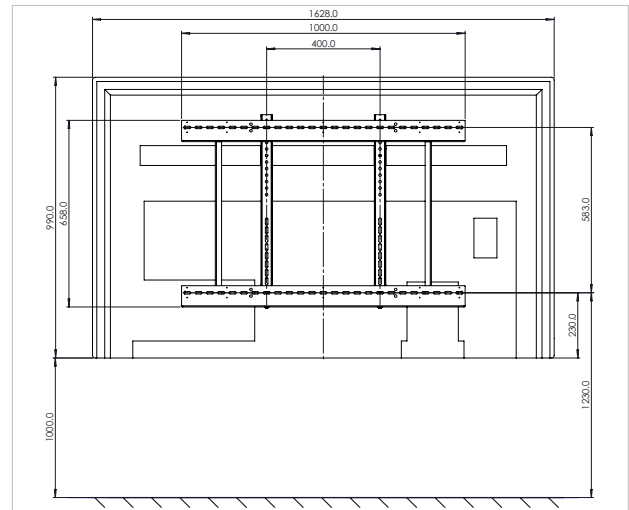
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70"

FRONT

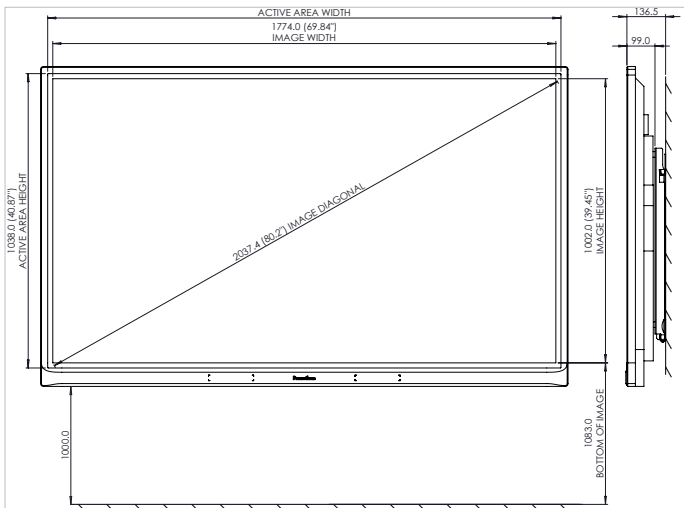


BACK

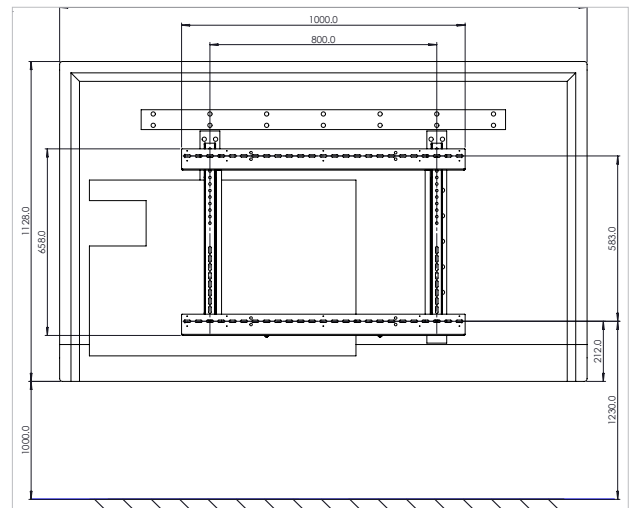


80"

FRONT



BACK



Touchboards

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