Projector Wall Mount for SMART Board™ Interactive Whiteboards

Specifications – Model PMWT-660/PMWT-680

Physical Specifications

<table>
<thead>
<tr>
<th>PMWT-660</th>
<th>PMWT-680</th>
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</thead>
<tbody>
<tr>
<td>Size</td>
<td>32 1/8&quot; W × 28&quot; H × 27 1/8&quot; D (81.6 cm × 71.2 cm × 68.8 cm)</td>
</tr>
<tr>
<td>Weight (Projector Wall Mount Only)</td>
<td>10 1/2 lb. (4.8 kg)</td>
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<tr>
<td>Weight (Projector Wall Mount, Projector and Interactive Whiteboard)</td>
<td>51 1/2 lb. (23.4 kg)</td>
</tr>
<tr>
<td>Recommended Minimum Ceiling Height</td>
<td>8’4” (2.54 m)</td>
</tr>
<tr>
<td>Shipping Size</td>
<td>35” W × 9 1/2” H × 20” D (88.9 cm × 24.1 cm × 50.8 cm)</td>
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<tr>
<td>Shipping Weight</td>
<td>18 lb. (8.2 kg)</td>
</tr>
</tbody>
</table>

Standard Features

Finish
Powder-coated aluminum and steel construction

Projector Wall Mount
Two projector brackets allow you to install the NEC WT600 or NEC WT610 projector with a SMART Board 660 or 680 interactive whiteboard. The projector is not included, so you must order it separately from your NEC dealer.

Projector
You can mount only an NEC WT600 or NEC WT610 projector on the projector wall mount. The cables that come with the projector often can’t reach the power outlet and the computer, so you may need to purchase longer cables or install a wall-access panel.

Toggle Wall Anchor
Six 1/4-20 toggle wall anchors are included to install the projector wall mount on hollow stud walls clad with drywall sheathing.

NOTE: To install the projector wall mount on concrete or cinder block, you’ll need six anchoring devices that are suitable for the type of wall and are compatible with the provided 1/4-20 × 2” security hex screws. Such anchors usually require a drill and bit of a particular type and size. For more information, consult the directions that are included with the anchoring devices.

Screws and Keys
Ten No. 8-32 × 1/2", four No. 8-32 × 1” and six 1/4-20 × 2” security hex screws as well as four TORX® M4 × 40 mm security screws to safeguard the projector. A 5/32” security hex key and a TR20 security TORX key are also included.

Warranty
Two-year limited equipment warranty

Installation Heights

When you install the projector mount above an interactive whiteboard, you must consider the height of the room’s ceiling. A ceiling height of 8’4” (2.54 m) will accommodate the recommended installation height for the SMART Board 660 interactive whiteboard, while a ceiling height of 9’1” (2.76 m) will accommodate the recommended height for the SMART Board 680 interactive whiteboard. If you have a low ceiling, the interactive whiteboard will be below the recommended height.

The following table shows the approximate resulting heights (to the top of the interactive whiteboard) for various ceiling heights.

<table>
<thead>
<tr>
<th>PMWT-660</th>
<th>Ceiling Height 8’ (2.44 m)</th>
<th>Ceiling Height 8’4” (2.54 m)</th>
<th>Ceiling Height 9’1” (2.76 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height from Floor to Top of Interactive Whiteboard</td>
<td>69 3/4” (177.2 cm) (below recommended installation height)</td>
<td>73 3/4” (187.3 cm) (recommended installation height)</td>
<td>73 3/4” (187.3 cm) (recommended installation height)</td>
</tr>
<tr>
<td>PMWT-680</td>
<td>Height from Floor to Top of Interactive Whiteboard</td>
<td>68 3/4” (174.6 cm) (below recommended installation height)</td>
<td>72 3/4” (184.8 cm) (below recommended installation height)</td>
</tr>
</tbody>
</table>

SMART Order Number

PMWT-660 Projector wall mount for a SMART Board 660 interactive whiteboard

PMWT-680 Projector wall mount for a SMART Board 680 interactive whiteboard

SMART Technologies Inc.
1207 – 11 Avenue SW, Suite 300
Calgary, AB T3C 0M5
Canada
Phone +1.403.245.0333
Toll Free 1.888.42.SMART (Canada/U.S.)
info@smarttech.com www.smarttech.com

© 2004–2006 SMART Technologies Inc. All rights reserved. SMART Board and the SMART logo are trademarks of SMART Technologies Inc. NEC is a trademark of NEC Corporation. All other third-party product and company names may be trademarks of their respective owners. U.S. Patent No. 6,540,366. Other U.S., Canadian and foreign patents pending. Specifications are subject to change without notice. 03/2006.
For ceilings lower than 8'4" (2.54 m), the required distance from the ceiling to the top of the wall mount bracket is 4" (10.2 cm).

For ceilings higher than 8'4" (2.54 m), the recommended distance from the floor to the lower anchors of the wall mount bracket is 72 3/4" (184.8 cm).

Recommended installation height to top of interactive whiteboard is 73 3/4" (187.3 cm) for adults of average height.

Active Screen Area:
51 1/4" W × 38 3/8" H
(130.2 cm × 97.5 cm)

NOTE: A SMART Board 660 interactive whiteboard and an NEC WT600 or NEC WT610 projector are not included.
For ceilings lower than 9'1" (2.76 m), the required distance from the ceiling to the top of the wall mount bracket is 5" (12.7 cm)

For ceilings higher than 9'1" (2.76 m), the recommended distance from the floor to the lower anchors of the wall mount bracket is 80 3/4" (205.1 cm)

Active Screen Area
61 5/8" W × 46 3/8" H
(156.5 cm × 117.8 cm)

NOTE: A SMART Board 680 interactive whiteboard and an NEC WT600 or NEC WT610 projector are not included.
**NOTE:** If you install the projector wall mount at a lower height, the top of the interactive whiteboard will be lower than recommended.

**NOTE:** These measurements are for rooms with ceilings that are 8'4" (2.54 m) or higher (for the PMWT-660) and for rooms with ceilings that are 9'1" (2.76 m) or higher (for the PMWT-680).
NOTE: If you install the projector wall mount in a higher position than recommended, you will not have adequate clearance between the projector mount and the ceiling.

NOTE: These measurements are for rooms with ceilings that are lower than 8'4" (2.54 m) (for the PMWT-660) and for rooms with ceilings that are lower than 9'1" (2.76 m) (for the PMWT-680).