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# INSTALLATION INSTRUCTIONS

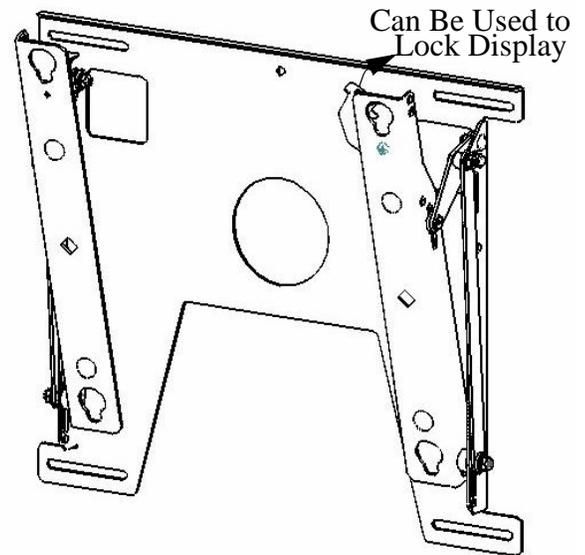
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## Universal Pitch-Adjustable Wall Mount For Flat Panel Display PLP-91/D

Your new Wall Mount (PLP-91/D) is a quick disconnect mounting system with adjustability between 0 and 15 degrees pitch.

Once the Universal Flat Panel Display Wall Mount Bracket is attached to your display, simply attach the mount securely on a wall, lock the display in place using the convenient Q-latch, and attach your audio/video cables.

The PLP-91/D is virtually invisible when your display is mounted.



### BEFORE YOU BEGIN

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- **Caution:** To prevent damage to the PLP-91/D, which could affect or void the Factory warranty, and to the equipment that will be attached to it, thoroughly study all instructions and illustrations before you begin the installation. Pay particular attention to the “Important Warnings and Precautions” on Page 2.
- The mount is designed to be installed using 2” x 4” wood wall studs, 16” on center.
- The maximum weight to be installed on the Universal Pitch-Adjustable Wall Mount is 200 pounds (90.7 Kg).

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Sony Electronics Inc. 8805-000087 Rev01  
1 Sony Drive  
Park Ridge, NJ 07656  
201-930-1000  
[www.sony.com/displaysystems](http://www.sony.com/displaysystems) 04/10

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## IMPORTANT WARNINGS AND PRECAUTIONS!

- WARNING:** A **WARNING** alerts you to the possibility of serious injury or death if you do not follow the instructions.
- CAUTION:** A **CAUTION** alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.
- **WARNING:**Improper installation can result in serious personal injury! Make sure that the structural members can support a weight factor *five times* the total weight of the equipment. If not, reinforce the structure before installing the mount.
  - **WARNING:**Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component. The wall to which the mount is being attached may have a maximum drywall thickness of 1/2" (12.7mm).
  - **WARNING:**Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components located on the PLP91/D up to (and including) the display does not exceed 200 lbs (90.7 kg). Use with products heavier than the maximum weight indicated may result in collapse of the mount and its accessories causing possible injury.
  - **WARNING:**Be aware also of the potential for personal injury or damage to the unit if it is not adequately mounted.
  - **WARNING:**The installer is responsible for verifying that the wall to which the mount is anchored will safely support the combined load of all attached components or other equipment.
  - **WARNING:**Watch for pinch points. Do not put your fingers between movable parts.
  - **WARNING:**Make sure the mount and brackets are correctly oriented.
  - **WARNING:**Make sure the latching flag securing the display is completely engaged at all times *except* when removing or installing the display. The latching flag must be all completely engaged when installing/removing cables.
  - **CAUTION:** Check the unit for shipping damage before you begin the installation.
  - **CAUTION:** Use only the mounting screws provided and **DO NOT OVER TIGHTEN** mounting screws.

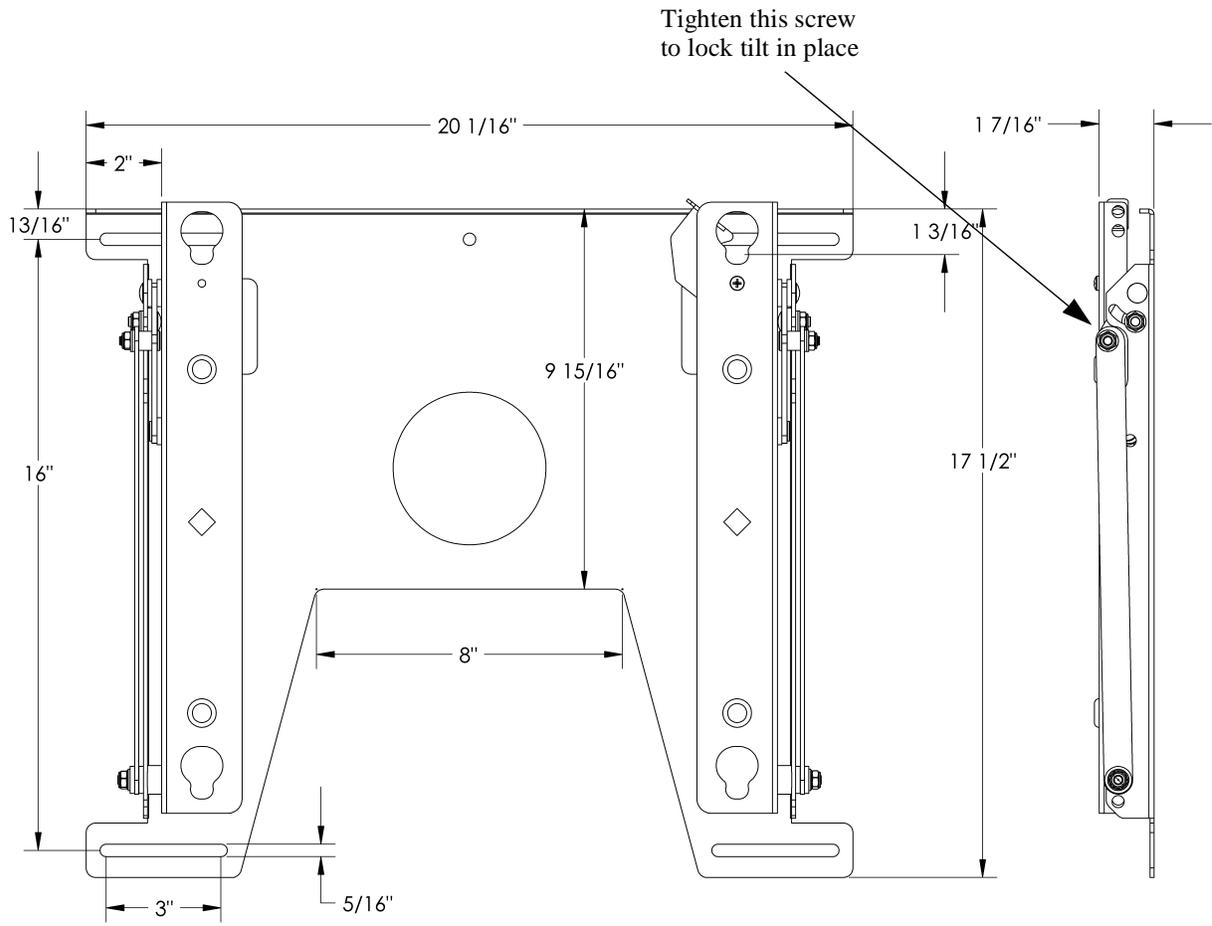
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## TOOLS REQUIRED FOR INSTALLATION

- Phillips screwdrivers, No. 1 and No. 2 TIP
- Drill and bit set
- Wrench set

**NOTE:** Other tools may be required depending on the method of installation.



DIMENSIONAL DRAWING

## INSTALL MOUNT

Install the mount as follows:

1. Determine the exact mounting location prior to installation and draw a level line to indicate the desired height for the top of the mounting plate.
2. With the mount correctly oriented and level, secure the mount to the wall (see Figure 1) using four 5/16 x 2-1/2" hex head lag screws and four 5/16" flat washers (included). Fasteners must be driven into the supporting 2" x 4" wood studs 16" on center.
3. Check mount to ensure it is level and adjust to level if necessary.

## INSTALL PSB-91/D DISPLAY BRACKETS

1. Using a 10-24 button head cap screw inserted from the back side of the bracket, secure the mounting button, with chamfered hole of mounting button (larger surface) facing the bracket, to bracket (four places) (see Figure 2 and Figure 3).
2. Place Nylon spacers over the mounting holes on the back of the screen.

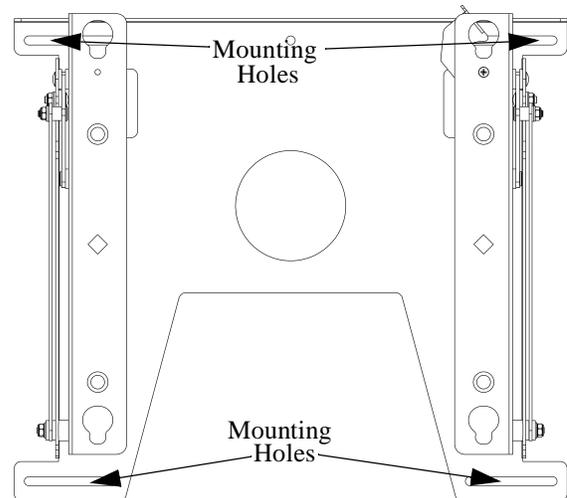


Figure 1. Mounting Hole Locations

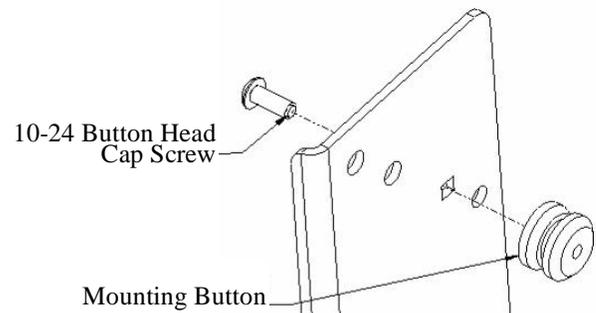


Figure 2. Mounting Button Attachment

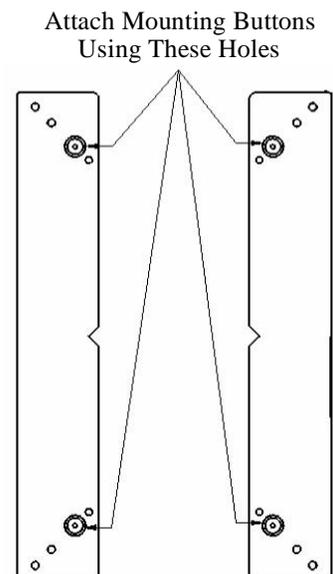


Figure 3. Mounting Button Location

- Attach mounting brackets to the display using the M5 screws for 32" screen or M6 for the 42" and 50" screens (see Figure 4 and Figure 5).

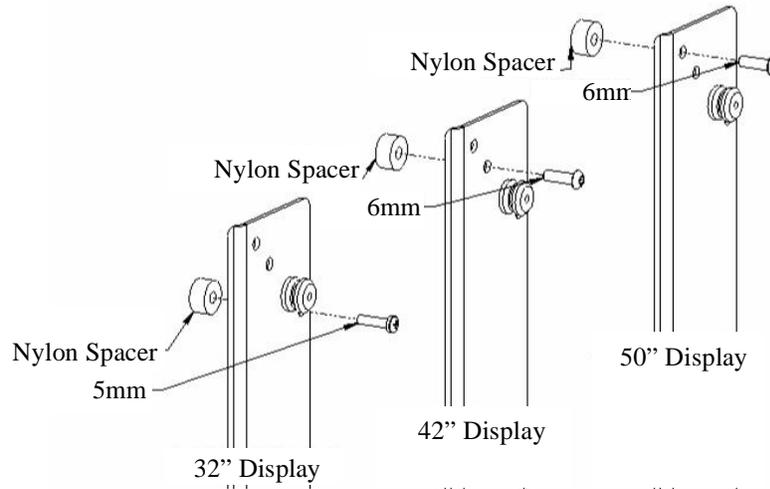


Figure 4. Bracket Hole Location

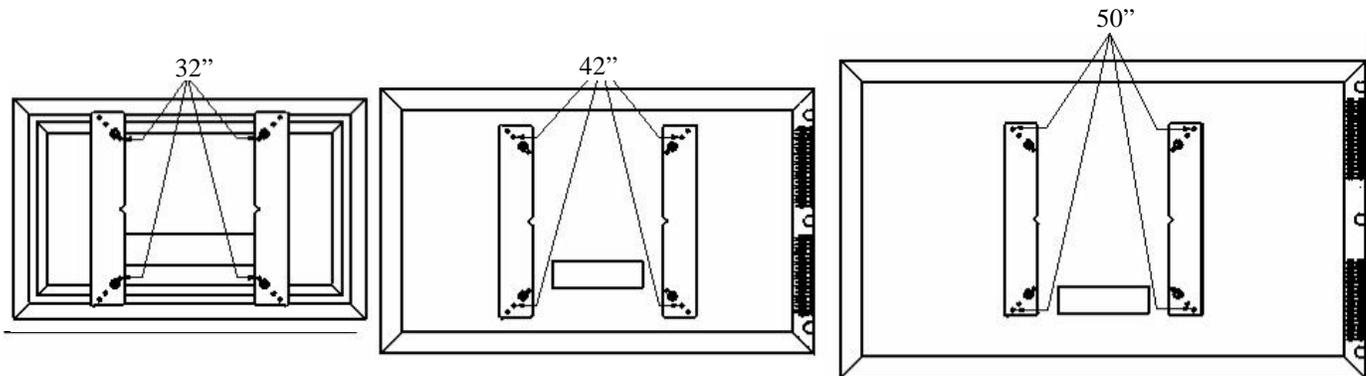


Figure 5. Bracket Attachment Location

## MOUNT THE DISPLAY

Mount the display as follows:

1. Make sure no power is supplied to the display and the flag is in the lowered (open) position before attempting to mount the display.
2. Using two people, slide the display down over the mount. Make sure all four Q-buttons of the display engage all four slots in the mount.
3. With the Q-buttons of the display fully engaged in the slots of the mount, secure the display on the mount by raising the flag all the way to their locked position. *If the flag does not fully engage, remove the display and make sure the brackets are correctly installed.*

**NOTE:** A security lock may be installed through the hole in the locking flag for additional security (see Figure 6).

**NOTE:** If display does not remain at desired tilt setting, tighten the nut and bolt on tilt arms on each side (see Figure 7).

**WARNING:** Make sure the flag securing the display is completely lowered at all times except when removing or installing the display. The flag must be all the way down when installing/removing cables.

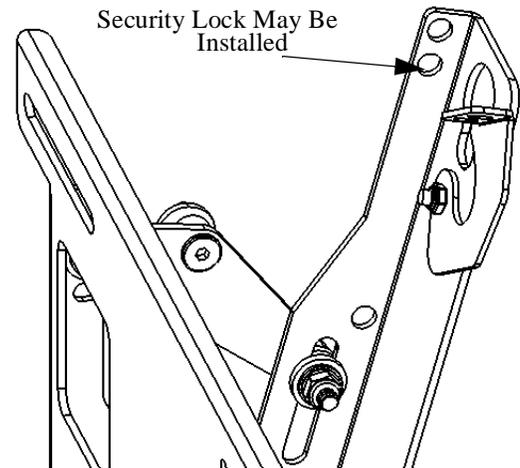


Figure 6. Optional Security

Loosen or tighten  
this bolt  
to adjust tilt tension  
or lock in place

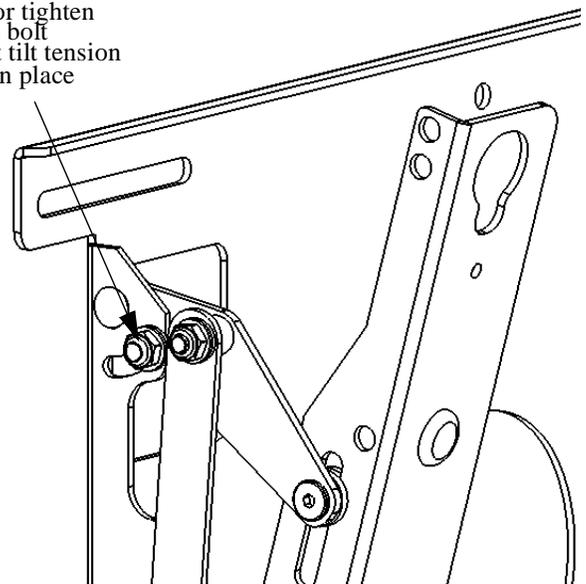


Figure 7. Tilt Tension Adjustment

