

## Simple Tips for BalanceBox 400 Installers

- 1) Remember that the mounting bracket for the BalanceBox 400 is designed to hit studs at 16" on center. If you are working with another environment, you'll need to prep the wall to accept that bracket.
- 2) The bottom holes through which you will insert screws for securing the bottom of the BalanceBox 400 to the wall are not at 16". These are designed for wall anchors (not included). Be sure to extend the two lower leveling pads against the wall so the BalanceBox perpendicular to the floor before securing the anchors.
- 3) You cannot adjust the spring tension until *after* you place the panel on the VESA mount. When you put the panel on the mount, the panel should remain at the top. Initially, if you attempt to pull it down, the mount should return the panel to the top.
- 4) After Step 3 above, be sure your panel is centered on the BalanceBox. If it is drastically off-center to the right or the left, the mount will not operate smoothly.
- 5) When adjusting the spring tension, you need to do it evenly on both sides of the mount. In other words, when you release the spring tension on the left side by 5 seconds, you must also release the spring tension on the right side by 5 seconds. This is best accomplished by using a drill motor turning counter-clockwise to loosen the spring. Failure to keep the springs tensioned evenly on both sides will cause the mount to not operate smoothly. Experience has shown that 5 seconds on each side is a reasonable approach using a battery powered drill motor.
- 6) If after a 5 second counter-clockwise turn on each side, the panel still has a tendency to return to the top after attempting to pull it down, you need to further loosen the springs. Again, whatever you do on the left, be sure to do on the right. For example, if you turn the left side 5 seconds and the panel begins to lower, you still need to do that on the right or you will be out of balance.
- 7) When the springs are loosened to the point that the panel wants to stay at the bottom rather than the top, reverse direction on your drill. Now turning both screws clockwise by 3 seconds rather than 5, you will find you are closer to balance. If it now wants to raise by itself, reverse again, perhaps 1 second or less on each side.
- 8) By following the above, you should be able to successfully balance the panel where it will sit in one place wherever you move it, and it can be lifted or lowered using minimal pressure.
- 9) The same basic principle applies to balancing any BalanceBox product, including the BalanceBox 400, BalanceBox 650 (for larger panels), or the BalanceBox 400 High (for projection screens). However the brackets described in this document are only for the BalanceBox 400. Refer to the manufacturer instructions for specifics on the other models.