



## UPM-30 Universal Plasma Wall Bracket with 15 degree tilt Mounting Instructions

Thank you for choosing a **CBM Video Security Mount**. The UPM-30 Universal Plasma Wall Bracket is designed to secure your plasma or LCD to the wall and prevent theft for both home and commercial use. This bracket is designed to support flat panel televisions weighting up to 175 lbs on a vertical wall providing a secure and adjustable flush to 15 degree tilt.

Only a **qualified contractor** should install the UPM-30 Universal Plasma Wall Bracket. If you do not understand the mounting instructions which accompany this product please contact customer service at (800) 387-4834 or (905) 670-7471 – for all CBM contact details please visit [www.cbmmetal.com](http://www.cbmmetal.com).

**Please note that improper installation can cause serious damage to electronics and/or serious bodily injury.** CBM Ltd. can not take any responsibility for misuse which causes damage to electronics or injury by incorrect assembly or incorrect mounting to wall.

The supplied wall mounting hardware is for use on wood studs and concrete walls. Do not use the supplied hardware for securing to steel studs, weak concrete or only drywall. If the hardware included is not sufficient for the wall you are mounting to please consult your local hardware store or inquire at CBM Ltd.

### **Components included:**

- (1) Wall plate
- (1) Left side flat panel rail (assembled)
- (1) Right side flat panel rail (assembled)
- (2) Keyed alike anti-theft locks (installed)

### **Wall Mounting Hardware Included:**

- (6) ¼ x 2” lag bolt
- (2) ¼ - 20 x 1 ¼” Round Head Slot Machine Screw Zinc Plated
- (4) M4 machine Screw x 30 mm zinc
- (4) M8 Machine Screw x 25 mm zinc
- (4) M6 Machine Screw x 40 mm zinc
- (4) M5 Machine Screw x 30 mm zinc
- (4) 5/16” Plastic spacer - WHITE
- (4) ½” Plastic spacer – BLACK
- (4) ¾” Plastic spacer – BLACK
- (4) M4 External Tooth Washer (4.1mm ID x 7.6mm OD)
- (12) M4/M5 washer 1” OD x 7/32” ID
- (6) Lag Bolt washer 11/32 ID x 11/16 OD Black
- (4) M8 External Tooth Washer
- (4) M5 External Tooth Washer
- (4) M6 External Tooth Washer
- (6) Concrete Wall Anchor

**Tool required for wall mounting:** one drill, 3/16 drill bit, 1/2" Masonry Bit for brick concrete or concrete block, wrench or socket set, Phillips screw driver.

---

**Wall plate mounting options:** Brick, Solid Concrete, Concrete Block, Wood Stud or if you have purchased a ceiling adapter there will be additional hardware supplied with that model to bolt the wall plate in place.

**Wood stud mounting:**

CBM recommends that the wall plate be mounted across three wood studs at minimum 12 inches apart. For optimum position use an accurate stud finder to locate the studs. Once position is located, drill two 2.5" deep holes at the desired height in each stud using the 3/16<sup>th</sup> drill bit. Ensure the holes are centered on the studs and level with each other. Using the wall plate as a template mark the wall for the lower two holes and drill holes as specified above. Use the lag bolts and lag bolt washers to secure the wall plate to the wall. Do not over tighten the lag bolts.

**Brick, solid concrete and concrete block mounting:**

CBM recommends that the wall plate be mounted at six locations in concrete. Use the wall plate as a template and mark the hole locations. Three in the top row and three in the bottom row ensuring that there is at least 6" between the holes. Pre-drill the holes with a 1/2" masonry bit to 2.5" in depth. Insert the concrete anchor into all holes. Ensure the anchors are flush to the wall prior to mounting the wall plate with the six lag bolts. Do not over tighten the lag bolts.

**Mounting the flat panel rails to the flat panel:**

Locate the mounting holes on the back of the flat panel television. Different TV's will have different locations for mounting. Determine which hardware is used with your flat panel M4, M5, M6 or M8 bolts. A 1/2" plastic spacer is provided for use with M4 and M5 TV mount bolts and a 3/4" plastic spacer (s) is provided for use with the M6 and M8 TV mount bolts. When mounting a television with a flat back you may not need the plastic spacers. Using the left and right flat panel mounting rails and washers as shown in the diagram provided, bolt the rails to the flat panel with the tilt lever and key facing the outside of the TV. In the case that your TV has shallow threaded inserts there are extra M4 and M5 washers that should be added if you find the bolts are too long. Ensure that the bolts are tight.

**Hanging your flat panel on the wall plate:**

Position your flat panel facing away from the wall plate. Lift the flat panel up and swing the bottom rounded portion of the rails above the slot at the bottom of the wall plate. As the rails are slightly above the slot, swing the top hooks into place hooking over the top flange of the wall plate. Place flat panel on the plate and release. To prevent sideways sliding there are two bolts at the top of each rail. With a Phillips screw driver tighten both bolts against the top inside portion of the wall plate flange. Your flat panel is now in position.

Turn the two key locks to the lock position. Your plasma or LCD is now secure. These keys are keyed alike – should you misplace please contact CBM Ltd. for replacements.

---

**Installation sheet number - INS-4799-38**