



# INSTALLATION GUIDE

**Universal Mounting Brackets 46/60**

**UMB-46/60**

**Universal Mounting Brackets 55/80**

**UMB-55/80**

**Universal Mounting Brackets 75/100**

**UMB-75/100**

## **PACKAGE CONTENTS:**

- 2. Universal Mounting Brackets
- 4. LCRDM MK2 Extension Plates
- 4. LCRDM MK2 Stabilizer
- 8. LCRDM MK2 Stabilizer Nuts
- 1. Hardware Accessory Kit
  - 1. 2 meter, 16 ga. DualMono Jumper Speaker Wire
  - 1. 3 mm Allen Wrench
  - 16. Bracket to Bracket (B to B) Screws, #10-32 x 7 mm
  - 4. Machine Screw, M4 x 13 mm
  - 4. Machine Screw, M5 x 13 mm
  - 4. Machine Screw, M6 x (13 & 30) mm
  - 4. Machine Screw, M8 x (13 & 30) mm
  - 4. Machine Screw, M10 x 13 mm
  - 12. Flat Washer; 16 mm OD, 10 mm ID
  - 4. Flat Washer; 25 mm OD, 10 mm ID
  - 4. Flat Washer; 25 mm OD, 5 mm ID

**If you are missing any of these parts or if you need assistance during the installation of your Artison Universal Mounting Bracket, please contact Artison's Customer Service Department during normal business hours, Pacific Time at (775) 783-4770.**

**Thank you for choosing the Artison LCR DualMono® Mark 2 Speakers. We are pleased that you have selected our high-performance audio product. The following information will guide you through the installation.**

## **INTRODUCTION**

Artison LCR DualMono® Mark 2 (LCRDM MK2) speakers are designed to be used with any video display and provide a high performance home theater Front Channel LCR solution. Artison's patented DualMono Center Channel design uses an array of two Center Channels, one Left Channel, and one Right Channel; all housed in two aluminum enclosures. All 4 speakers have independent air chambers and crossovers. The LCRDM MK2 speaker blends high performance audio and aesthetic design to create one **Total Involvement Experience®**.

The LCRDM MK2 speakers can be installed in multiple home theater applications. Using the included accessories, the speakers can be surface mounted. The optional Universal Mounting Brackets: UMB-46/60, UMB-55/80 or UMB-75/100, will directly mount the speakers to any Flat Panel TV (FPTV). The UMB attaches to any FPTV using the VESA mounting points on the FPTV, compatible with a table top or wall-mounted application in conjunction with a FPTV wall-mount bracket. All LCRDM MK2 models are compatible with displays that are 7 mm – 111 mm, (0.28" – 4.4") in depth.

GLCRDM2 Grilles are available to be customized to match any FPTV. Artison maintains a database of FPTV's and can match the exact height. GLCRDM2 Grilles used with Portrait LCRDM MK2 or Sketch LCRDM MK2 speakers are compatible with any FPTV that is 25.7" inches tall or larger. GLCRDM2 Grilles used with Masterpiece LCRDM MK2 speakers are compatible with any FPTV that is 30.0" inches tall or larger.

The LCRDM MK2 speakers can also be installed In Wall with the LCRDM IW Kit. The LCRDM IW Kit incorporates the A.I.R. (Architectural Integration Reference) micro-perforated grilles and bezel design for a seamless aesthetic. The A.I.R. features magnetic grille attachment, micro-perforated grilles and a micro bezel.

## INSTALLATION OPTIONS

The Artison LCRDM MK2 Speakers were designed to have multiple installation options using the included and accessory components.

- On-Wall
- Attached to FPTV on a Table Stand or Wall Mount **[Using included items]**
- In-Wall **[Alternate accessory required: LCR DM IW KIT]**

## INSTALLATION PROCEDURES FOR FPTV ATTACHMENT

The Universal Mounting Bracket (UMB) was designed in compliance with the VESA Mounting Standards. When using a third party FPTV wall-mount, the UMB's are sandwiched between the FPTV chassis and the FPTV wall-mount. In cases where the display utilizes a table top stand, the UMBs can be attached directly to the FPTV's chassis.

### Components Needed for Installation:

**A. Wall Mounted FPTV and LCRDM MK2:** UMBs, Mounting Screws, Washers and Third Party Wall-Mount Bracket.

**B. Tabletop FPTV and LCRDM MK2:** UMBs, and Mounting Screws and Washers.

### REMOVAL OF CURRENTLY INSTALLED FPTV

1. If the FPTV is currently wall mounted, disconnect any wiring connections and remove the FPTV from the wall mount. **NOTE: This step may require two or three people.**
2. Place FPTV in safe location, display side down on a soft non-abrasive surface.
3. Remove any existing mounting brackets and screws from the VESA mounting points on the rear of the FPTV.

### UMB PLACEMENT

4. Loosen the 8 mm (5/16") Clamp Bolts on each end of the UMB.
5. Extend the Slider Arms so that they are approximately the FPTV width.
6. Position one UMB across the top mounting points, one UMB across the bottom set of mounting points. Center the UMBs horizontally on the display. This will allow equal extension of the Slider Arms in both directions. **NOTE: If the Slider Arms do not extend far enough to reach both sides of the FPTV OR if the FPTV's mounting points do not fit within Main Bar's slot width, then your installation will require a larger UMB model.**

## SLIDER ARM POSITION BASED ON FPTV THICKNESS

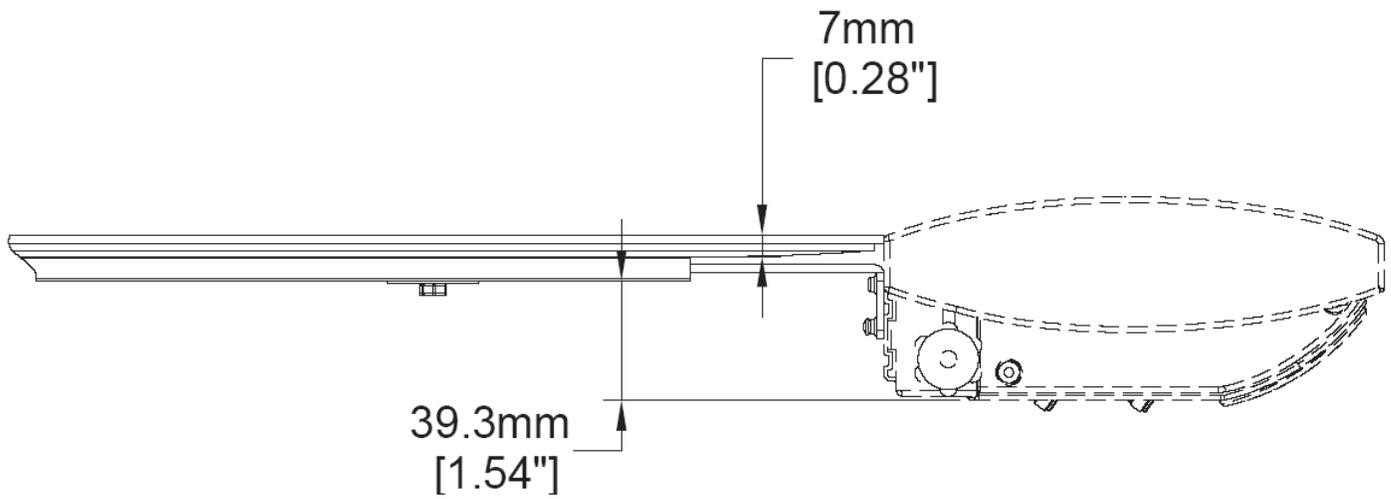
7. Depending on the FPTV thickness the Slider Arm Position and need for the Extension Plates will vary. Refer to the below, **TABLE 1 and FIGURES 1-6**, to see to setup your UMB.
8. If **TABLE 1** calls for the 'Backward' position, then remove the Slider Arm from the Main Bar, rotate 180 degrees, and reinsert.

Figure	FPTV Thickness	Slider Arm Position	Screw Position	Extension Plate	Minimum Wall Mount Bracket Depth
1	0.28" – 1.0"	Backward	Back	No	1.54"
2	1.0" - 1.75"	Backward	Front	No	0.82"
3	1.5" - 2.25"	Forward	Back	No	0.32"
4	2.0" – 2.75"	Forward	Front	No	N/A
5	2.9" – 3.75"	Forward	Back	Yes	N/A
6	3.4" – 4.4"	Forward	Front	Yes	N/A

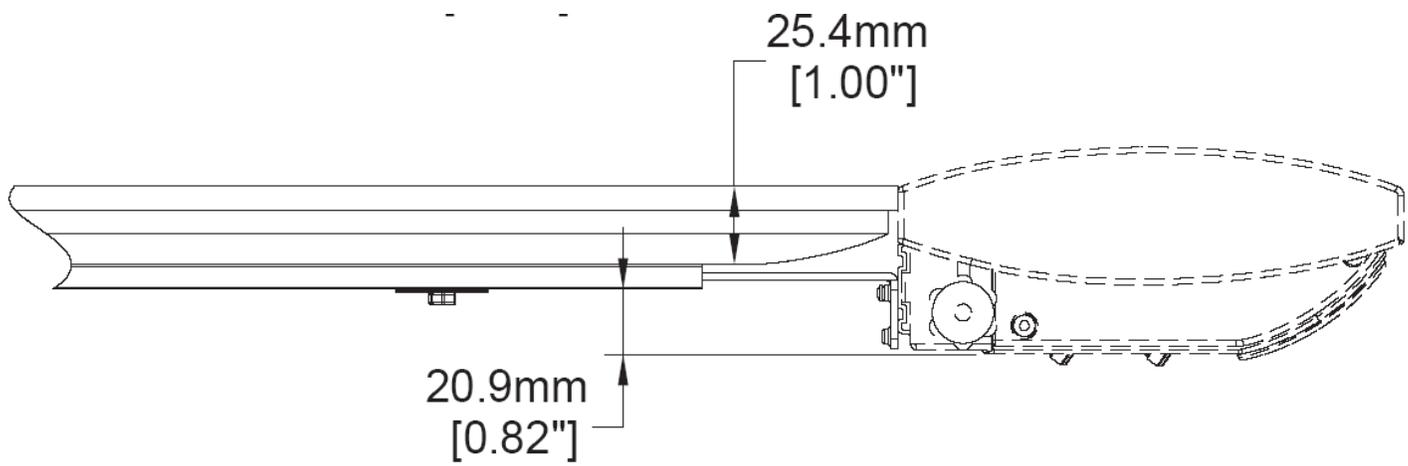
**TABLE 1**

## ALIGNMENT OF THE SLIDER ARMS

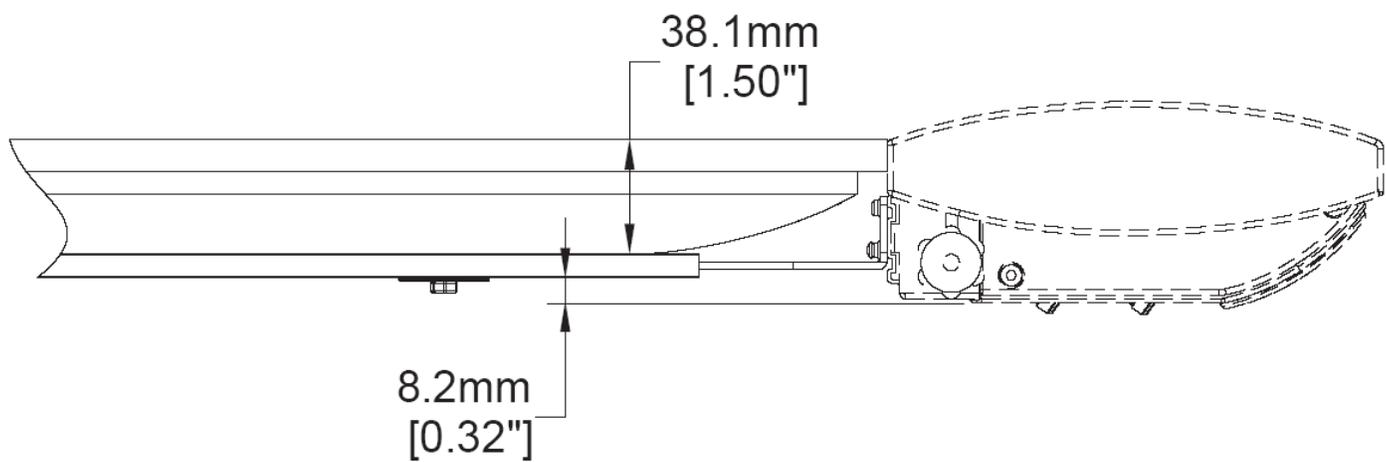
9. Align the outer surface of each Slider Arm should be flush with the outside edge of the FPTV bezel. If you are using the Extension Plate align this surface with the display bezel. Refer to **FIGURES 1-6**.
10. Tighten the clamp nuts on the UMB using the 8 mm (5/16") wrench. This will align the LCR correctly so the Grille will be flush to the side of the FPTV.



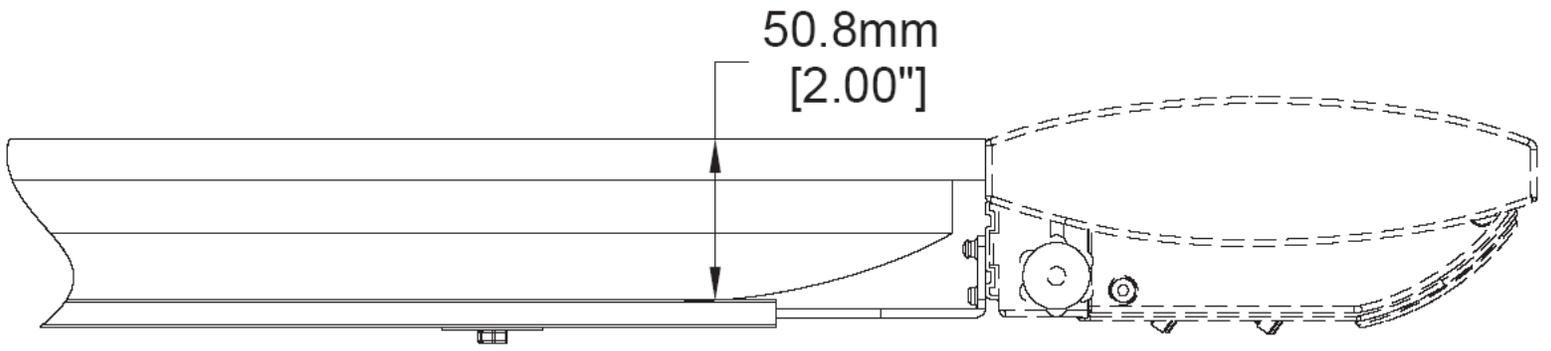
**FIGURE 1**



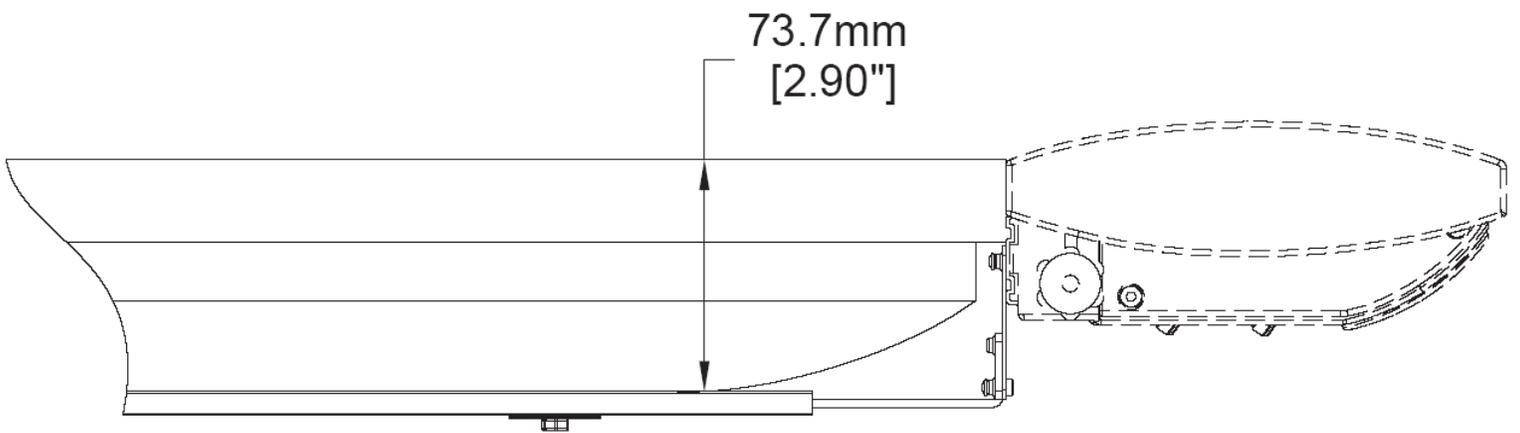
**FIGURE 2**



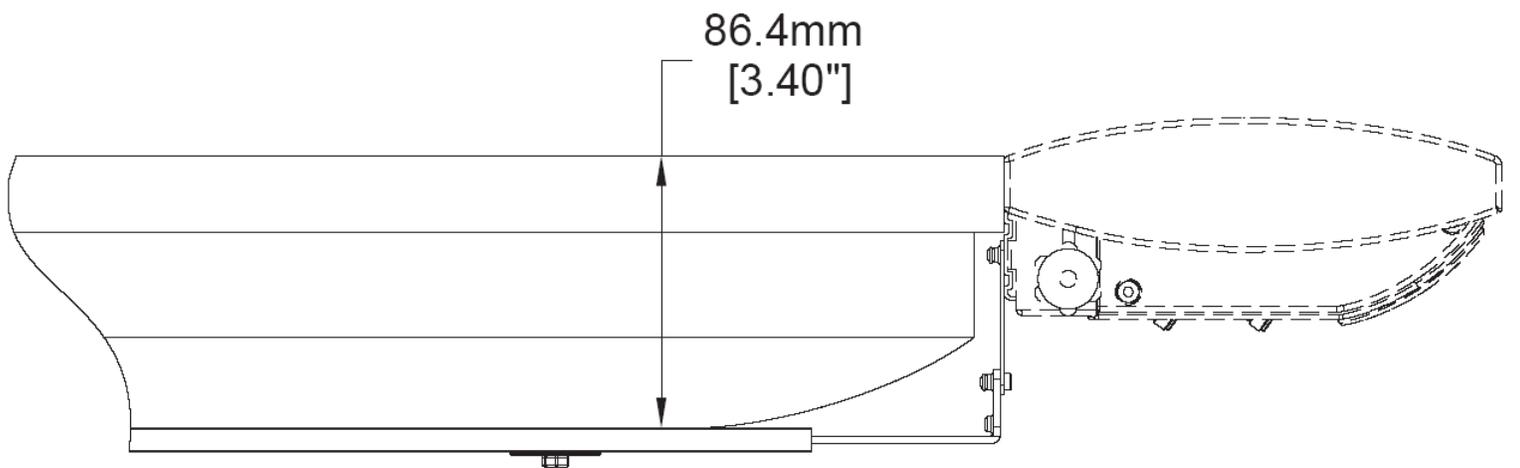
**FIGURE 3**



**FIGURE 4**



**FIGURE 5**



**FIGURE 6**

## STABILIZER FOR SLIDER ARMS

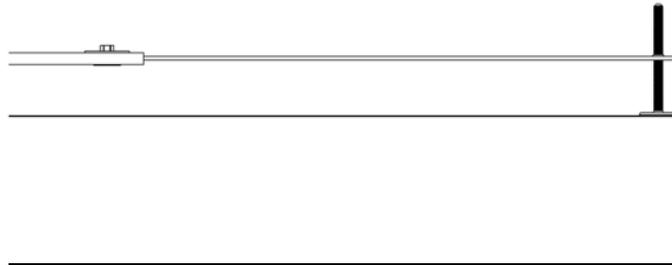
11. The Stabilizers will allow the extended Slider Arms to be connected directly to the rear of the FPTV for support. The Stabilizer has a double-sided adhesive pad on the circular landing that will adhere to the FPTV chassis. There are two ways to use the Stabilizer system.

11.1. If the FPTV has a flat surface at the outside edge, then utilize the threaded holes in the Slider Arm to install the Stabilizer and attach to the chassis.

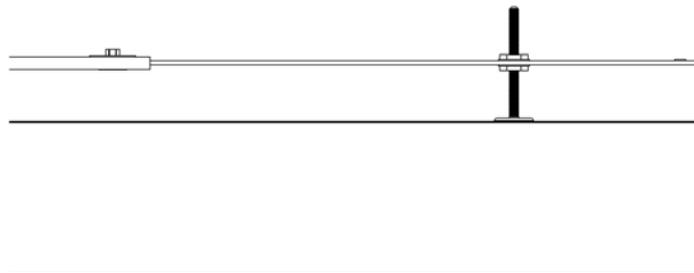
**See FIGURE 7.**

11.2. If there is not a flat surface underneath the threaded hole, then utilize the slotted section of the Slider Arm and two Stabilizer Nuts to fasten to the slot. Find a flat section on the chassis as close to the end of the Slider Arm to give the most support. **See FIGURES 8 & 9.**

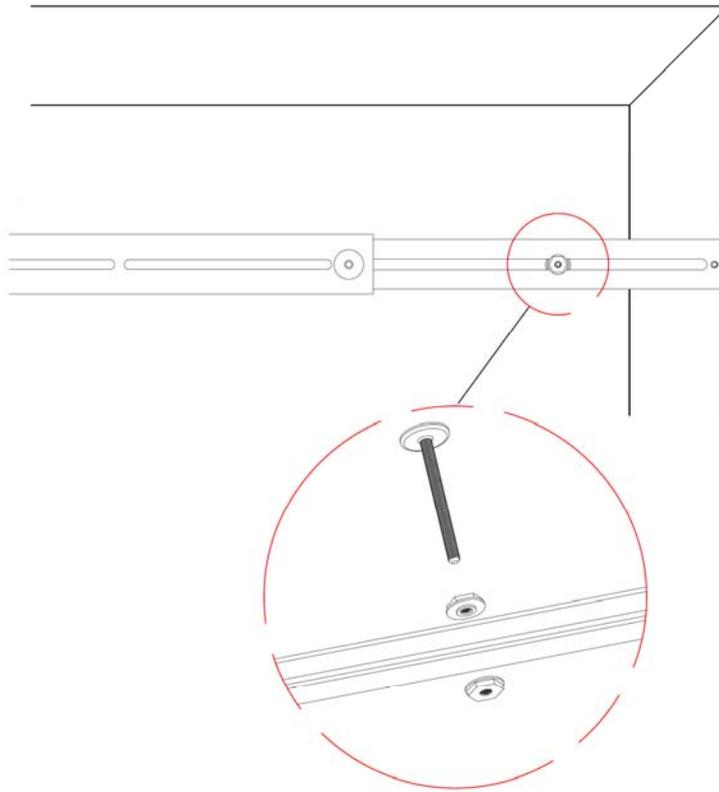
12. Cut the excess thread not needed with a side cutter or serrated blade.



**FIGURE 7**



**FIGURE 8**



**FIGURE 9**

## **HARDWARE KIT**

### **13. Mounting Screw Selection**

**13.1.** Thread Size: M4, M5, M6, M8, or M10.

13.1.1. Match the threads in the FPTV chassis to one from the kit.

**13.2.** Screw Lengths: 13mm (30 mm for M6 and M8).

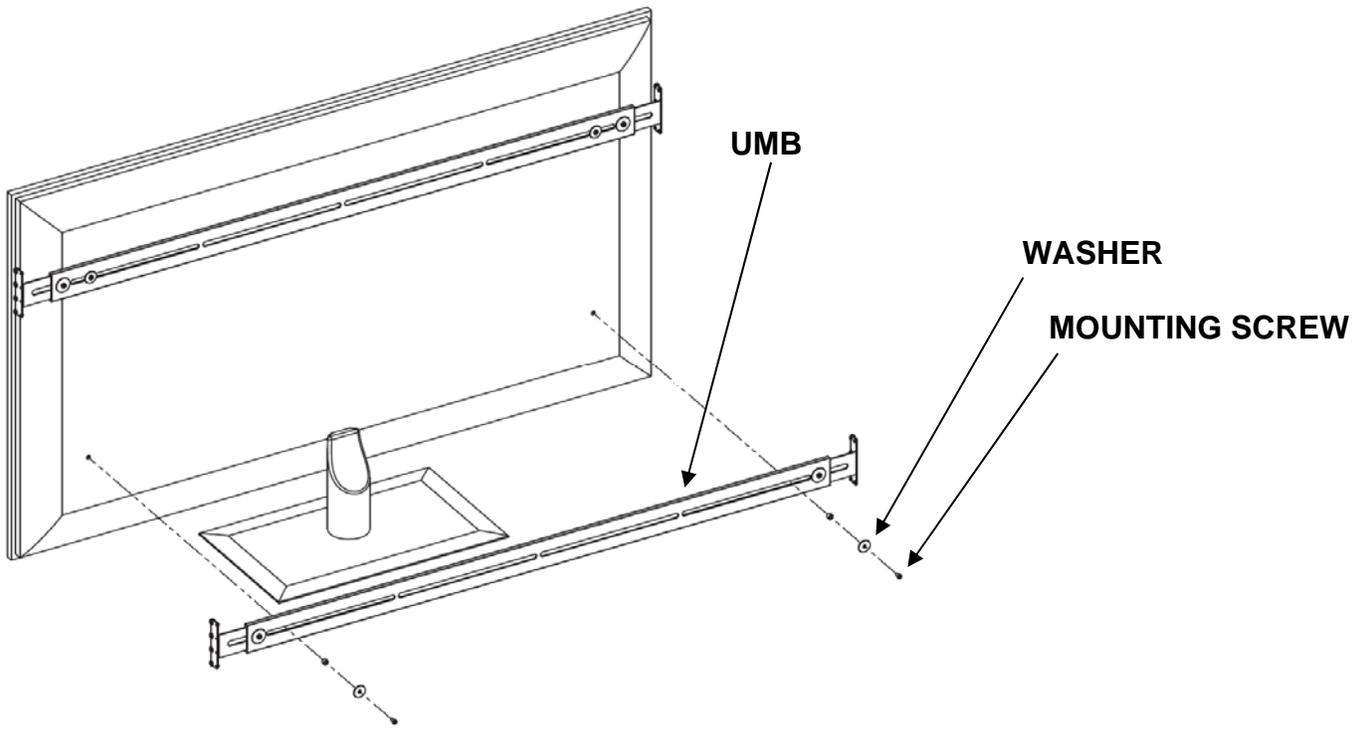
13.2.1. First, check the thread depth of the mounting points on the FPTV.

13.2.2. Select a length that will accommodate the UMB (Depth = 7mm), third party wall-mount, and washers. Allow for 5 - 8 mm of screw threads into the FPTV chassis. Be sure to account for the maximum thread depth into the TV.

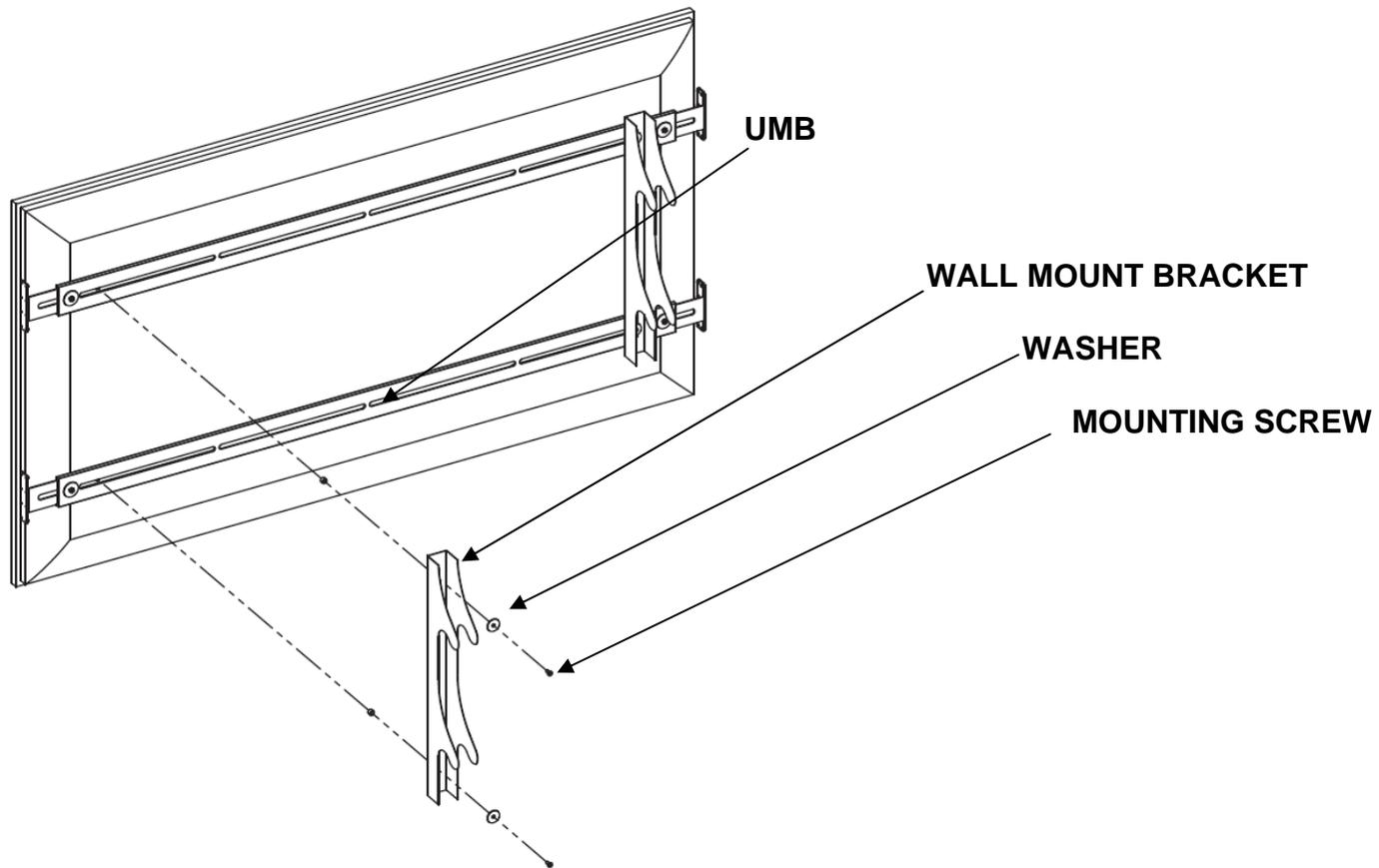
**14.** Flat Washer: Select a washer that fits around the selected Mounting Screw.

**15.** Using the selected components, refer to **FIGURES 10 & 11** to assemble the components to the FPTV chassis. **NOTE: Tighten all hardware securely.**

**16.** You are now ready to hang the FPTV to the wall or place on stand.



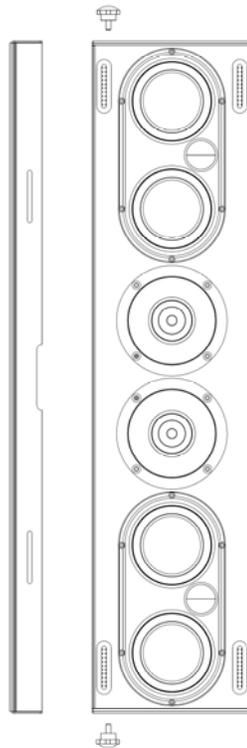
**FIGURE 10**



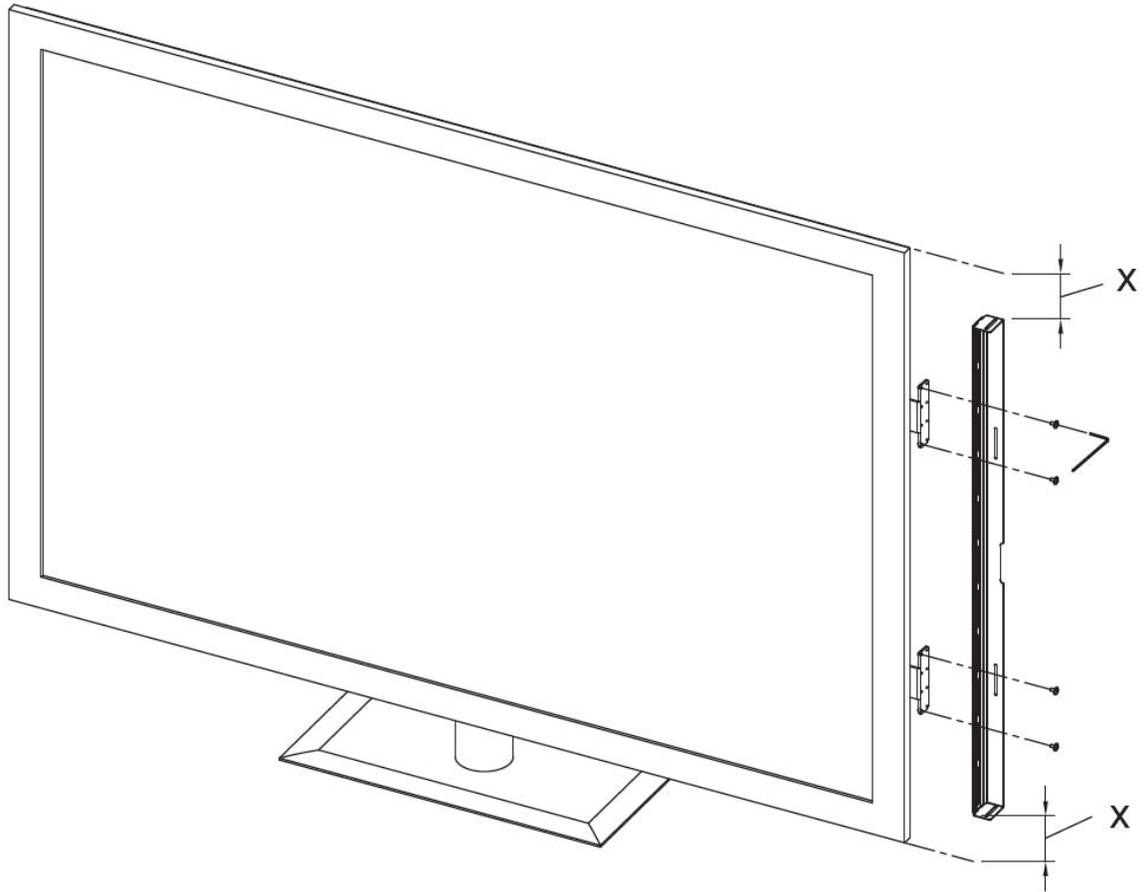
**FIGURE 11**

## MOUNTING THE LCRDM MK2 BRACKET TO THE UMB

17. Remove the LCRDM MK2 Bracket from the speakers by loosening the 2 thumbscrews in a counter-clockwise direction.
18. Carefully remove the bracket. **NOTE: DO NOT place the LCRDM MK2 face down as this may permanently damage the drivers. Refer to FIGURE 12.**
19. If in **TABLE 1** Extension Plates are required, then attach these to the Slider Arms to the screw location using the 3 mm Allen Head (B/B) Screws according to the correct **FIGURES 1-6** for your application.
20. Attach the LCRDM MK2 Brackets to the Slider Arms (or Extension Plates) using the 3 mm Allen Head (B/B) Screws. Refer to **TABLE 1** for the correct screw location.
21. Loosely attach using the B/B Screws to hold the LCR DM Brackets in place. Only 2 screws per slider arm are required.
22. Using a tape measure, vertically center the LCRDM MK2 Brackets by having equal distances from the ends of the bracket to the top and bottom of the FPTV edge. Then tighten the Bracket to Bracket Screws. **Refer to FIGURE 13.**



**FIGURE 12**



**FIGURE 13**

## **MOUNTING THE LCRDM MK2 SPEAKER INTO LCRDM MK2 BRACKET**

23. Carefully slide the LCRDM MK2 speaker into the vertical bracket that is now mounted to the display. Place each speaker on their corresponding sides of the television. The DualMono Center Channels should be located on the upper half of the display, Left and Right Channels on the bottom half.
24. Using the thumbscrews loosely re-attach the speakers. Adjust the front to back speaker position using the slot until the front edge is approximately 1/4" behind the front surface of the bezel.
25. Tighten the thumbscrews to hold the speaker in place. **NOTE: It is best to perform final alignment of your speaker after wiring and grilles are installed.**

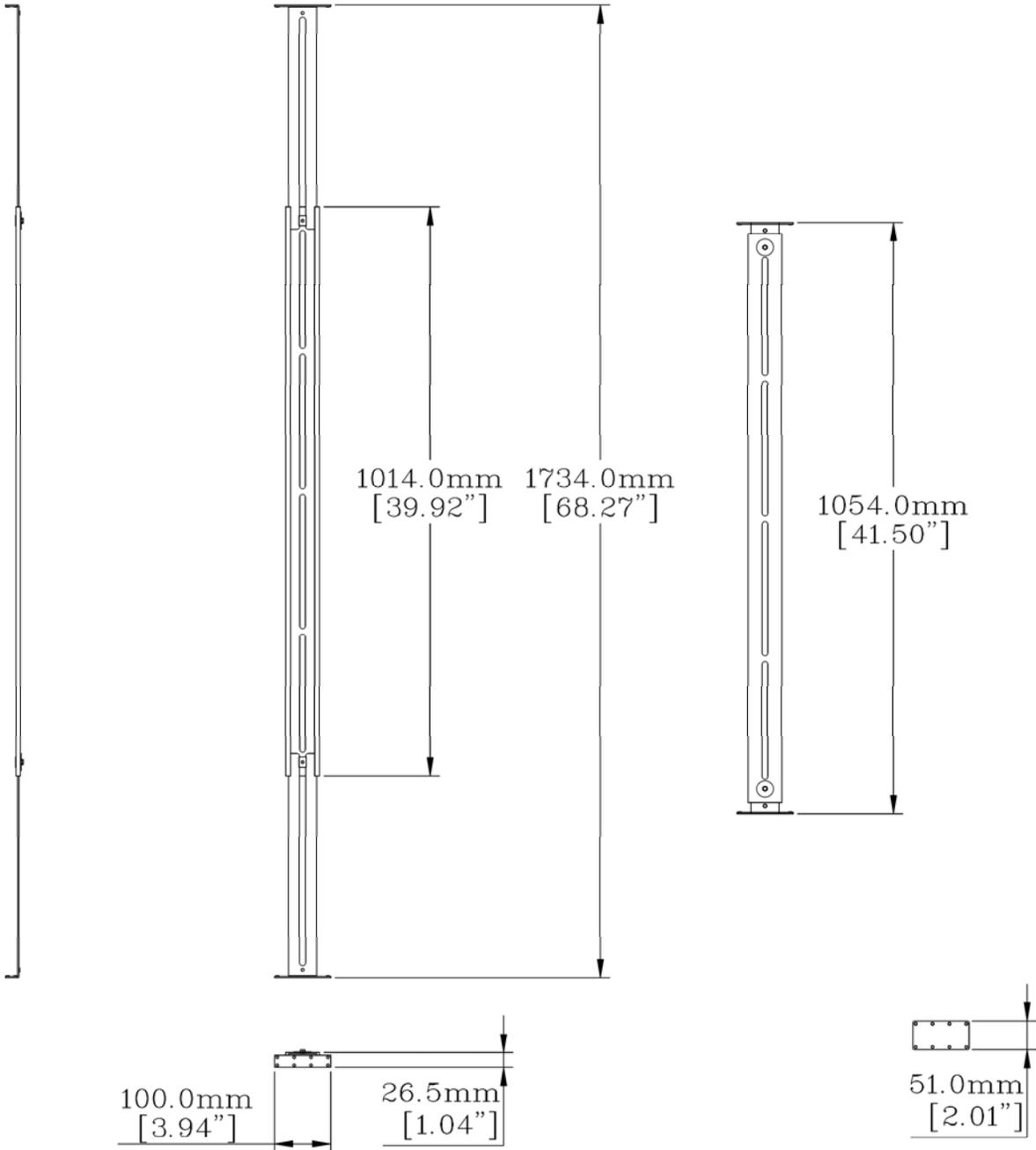
## **GRILLE INSTALLATION**

26. GLCRDM2 Grilles are attached to the speaker baffle using four Blade Pins.
27. Align the grille with the top and bottom edges of the FPTV, over the speaker baffle.
28. Firmly press the Blade Pins into the rubber grommets.
29. The rubber grommets in the baffle are taller than the Blade Pins to allow for exact matching to the bezel height without adjusting the speaker and bracket. The Grille can be removed to and reinstalled higher or lower to match the TV. **DO NOT** try to slide the grille up or down after installed.
30. Perform final adjustment to the speaker's front / back alignment using the thumbscrews. The grille edge should match the bezel of the FPTV as shown in **FIGURES 1-6.**

# SPECIFICATIONS & DIMENSIONS

## UMB 46/60

Dimensions: 2.5" x 40.5" x 0.28", HWD w/ Slider Arms Retracted  
2.5" x 68.2" x 0.28", HWD w/ Slider Arms Extended

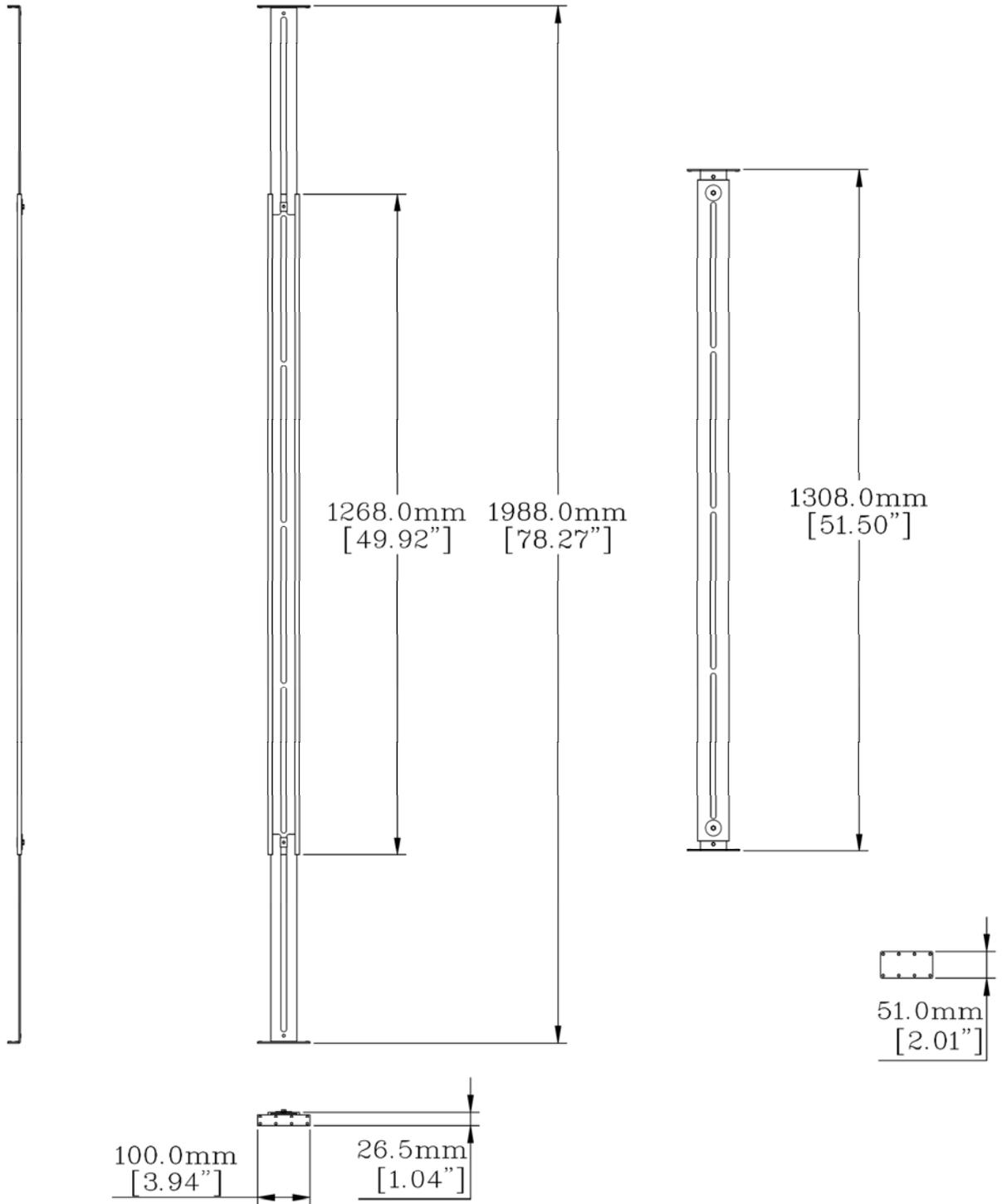


**UMB 55/80**

Dimensions:

2.5" x 50.5" x 0.28", HWD w/ Slider Arms Retracted

2.5" x 78.2" x 0.28", HWD w/ Slider Arms Extended

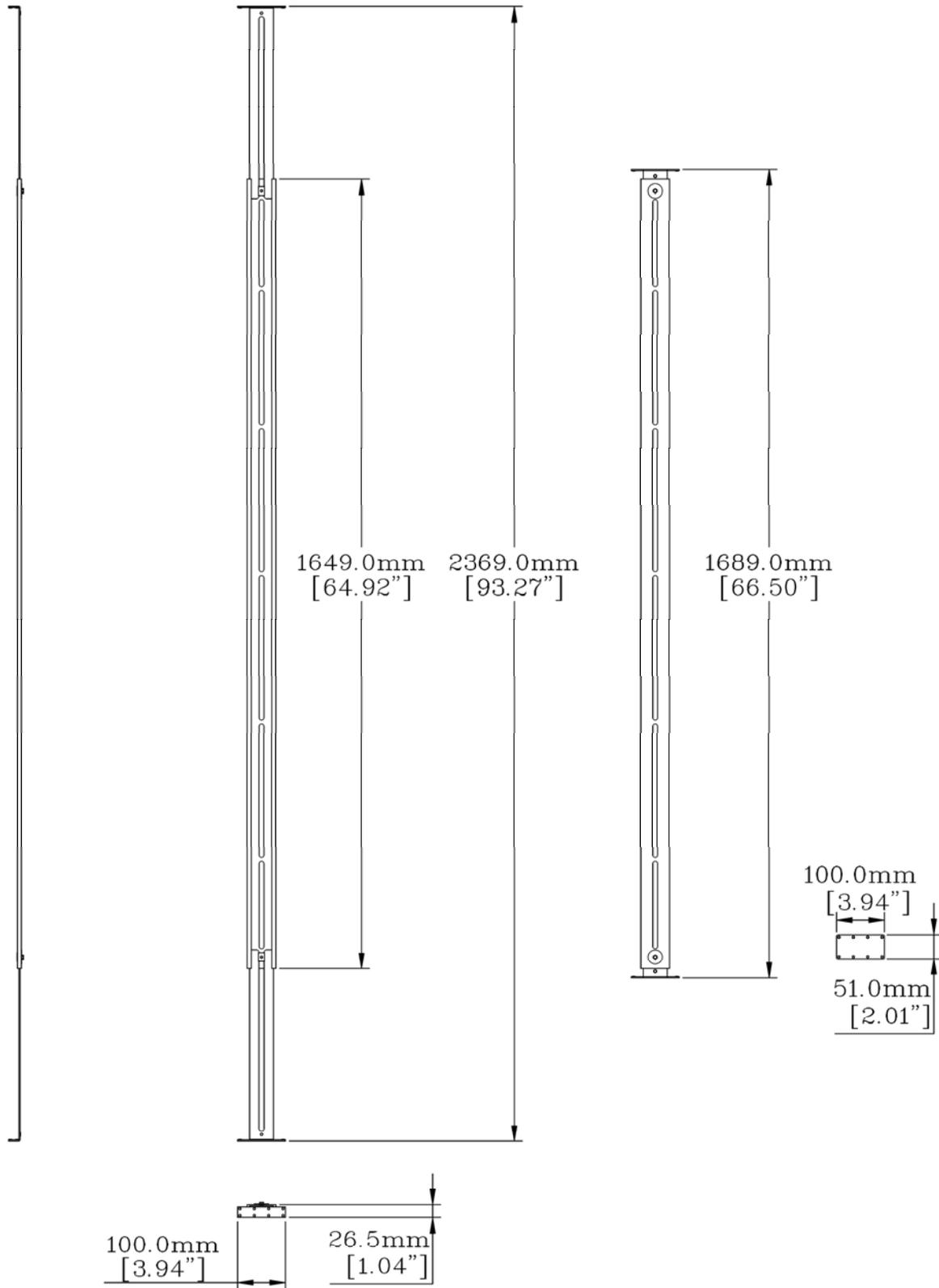


**UMB 75/100**

Dimensions:

2.5" x 65.5" x 0.28", HWD w/ Slider Arms Retracted

2.5" x 93.2" x 0.28", HWD w/ Slider Arms Extended



## LIMITED WARRANTY

This warranty remains in effect for five years from the date of purchase for speaker products and one year for electronic products.

THIS WARRANTY PROTECTS THE ORIGINAL OWNER PROVIDING THAT THE PRODUCT HAS BEEN PURCHASED FROM AN AUTHORIZED ARTISON DEALER IN THE UNITED STATES. THE ORIGINAL BILL OF SALE MUST BE PRESENTED WHENEVER WARRANTY SERVICE IS REQUIRED. FOR WARRANTY SERVICE OUTSIDE THE UNITED STATES, CONTACT THE AUTHORIZED ARTISON DISTRIBUTOR IN THE COUNTRY WHERE THE PRODUCT WAS PURCHASED.

Except as specified below, this warranty covers all defects in material and workmanship. The following are not covered: Damage caused by accident, misuse, abuse, product modification or neglect, damage occurring during shipment, damage from failure to follow instructions contained in the Owners Manual, damage resulting from the performance of repairs by someone not authorized by Artison, or any claims based on misrepresentations by the seller. This warranty does not cover incidental or consequential damages. It does not cover the cost of removing or reinstalling the unit. **THIS WARRANTY IS VOID IF THE SERIAL NUMBER HAS BEEN REMOVED OR DEFACED, OR IS PURCHASED FROM AN UNAUTHORIZED DEALER ON THE INTERNET (WORLD WIDE WEB), MAIL ORDER, 800, 888, 877 TELEPHONE NUMBERS OR THROUGH A CATALOG.**

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above may not apply to you.

Please make note of the following information and retain for your record.

Product Name \_\_\_\_\_ Model Number \_\_\_\_\_

Store Name \_\_\_\_\_ Purchase Price \_\_\_\_\_

## HOW TO OBTAIN SERVICE

Please call us at (775) 783-4770, or write to: ARTISON (Attention: Customer Service Department), 2231 Meridian Blvd., Suite 1, Minden, NV 89423.

We will promptly advise you of what action to take. We may direct you to an authorized Artison Service Center or ask you to send your speaker to the factory for repair. You will need to present the original bill of sale to establish the date of purchase. **PLEASE DO NOT SHIP YOUR ARTISON PRODUCT TO THE FACTORY FOR REPAIR WITHOUT PRIOR AUTHORIZATION. PLEASE DO NOT RETURN PRODUCT TO THE ABOVE ADDRESS, IT IS NOT A SERVICE LOCATION.** You are responsible for transporting your product for repair and for payment of any initial shipping charges. However, we will pay the return shipping charges if the repairs are covered under warranty.