

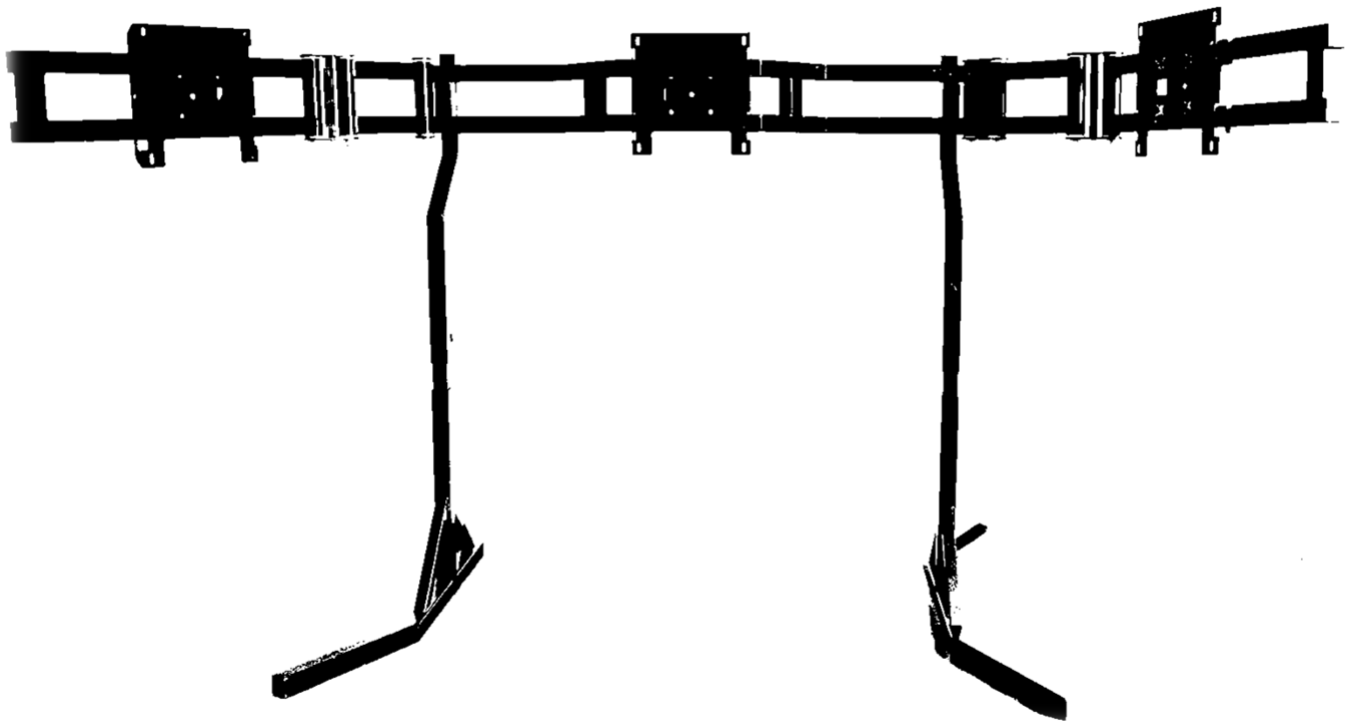


[www.volairsim.com](http://www.volairsim.com)

## Triple Display Stand Assembly Instructions

**P/N: VS-MS**

*Version 1.2 (2018.10.01)*



Thank you for your purchase of the Volair Sim™ Triple Display Stand! We hope that it will give you countless hours of enjoyment. We have designed the stand with maximum ease of assembly but please read these instructions carefully first.

<b>TV   MONITOR SIZE SUPPORTED</b>	<b>27"- 46" DIAGONAL</b>
<b>VESA PATTERNS SUPPORTED</b>	<b>100mm x 100mm 200mm(H) x 100mm(V) 200mm x 200mm 400mm x 400mm (using the included adapters)</b>

### **VOLAIR SIM TRIPLE DISPLAY STAND SPECIFICATIONS**

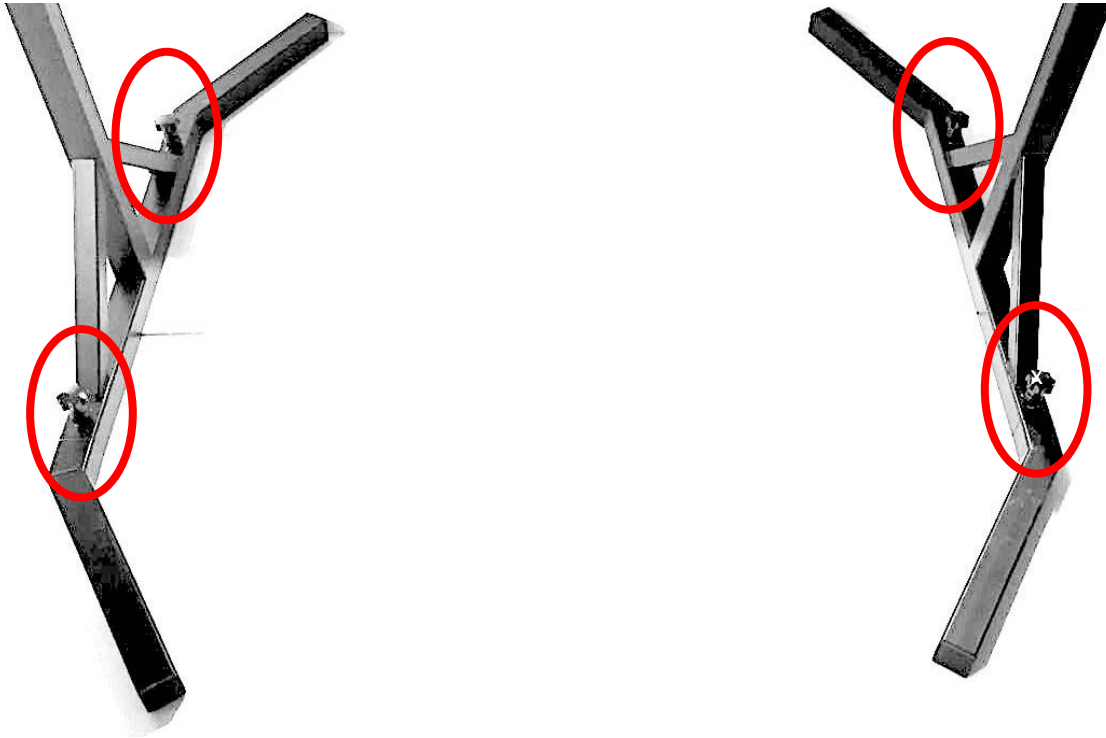
Your Volair Sim triple display stand is shipped in one large box. We recommend that you find an open space to carefully unpack and inventory everything before beginning the assembly process. Please refer to **TABLE 1** to verify that you have all of your hardware.

**NOTE: SOME PARTS AND FASTENERS MAY BE PRE-INSTALLED**

NO.	PART NAME	QTY	PHOTO	COMMENTS
1	M8*20mm Socket Cap Machine Screw	4		USED TO SECURE HORIZONTAL SUPPORT TO THE VERTICAL POSTS - PACKED IN HARDWARE BAG
2	M10*20mm Machine Screw with Knob	2		PACKED IN HARDWARE BAG
3	M8*20mm Machine Screw with Knob	4		PACKED IN HARDWARE BAG
4	M6*12mm Button Head Machine Screw	30		INCLUDES 12 EXTRA SCREWS FOR ATTACHING 3 TVs - PACKED IN HARDWARE BAG
5	M6*12mm Button Head Machine Screw	16		PRE-INSTALLED
6	M6 Nut	18		USED TO ATTACH THE 400mmx400mm EXTENSIONS - PACKED IN HARDWARE BAG
7	M8 Handle Nut	3		PACKED IN HARDWARE BAG
8	M8 Cap Nut	16		PRE-INSTALLED
9	M8 Flat Washer	16		PRE-INSTALLED
10	Hex Key M6	1		FOR M6*12mm Button Head Machine Screw - PACKED IN HARDWARE BAG
11	Hex Key M8	1		FOR M8*20mm Socket Cap Machine Screw - PACKED IN HARDWARE BAG
12	Plastic Shim	2		PACKED IN HARDWARE BAG

**TABLE 1: Triple Display Stand Parts List**

**STEP1:** Begin assembly by attaching left and right leg extensions to stand base. Use four M8x20mm Machine Screws with Knobs (#3 in TABLE 1) to secure the four leg extensions to base as shown below in FIGURE 1 below. HINT: The legs extensions can be positioned facing inward (for minimizing footprint) or outward (for maximizing stability when large TVs are used). The amount of in/out positioning of the extensions depends on the size/weight of your displays and you can adjust them after you have mounted your displays in STEP 6.



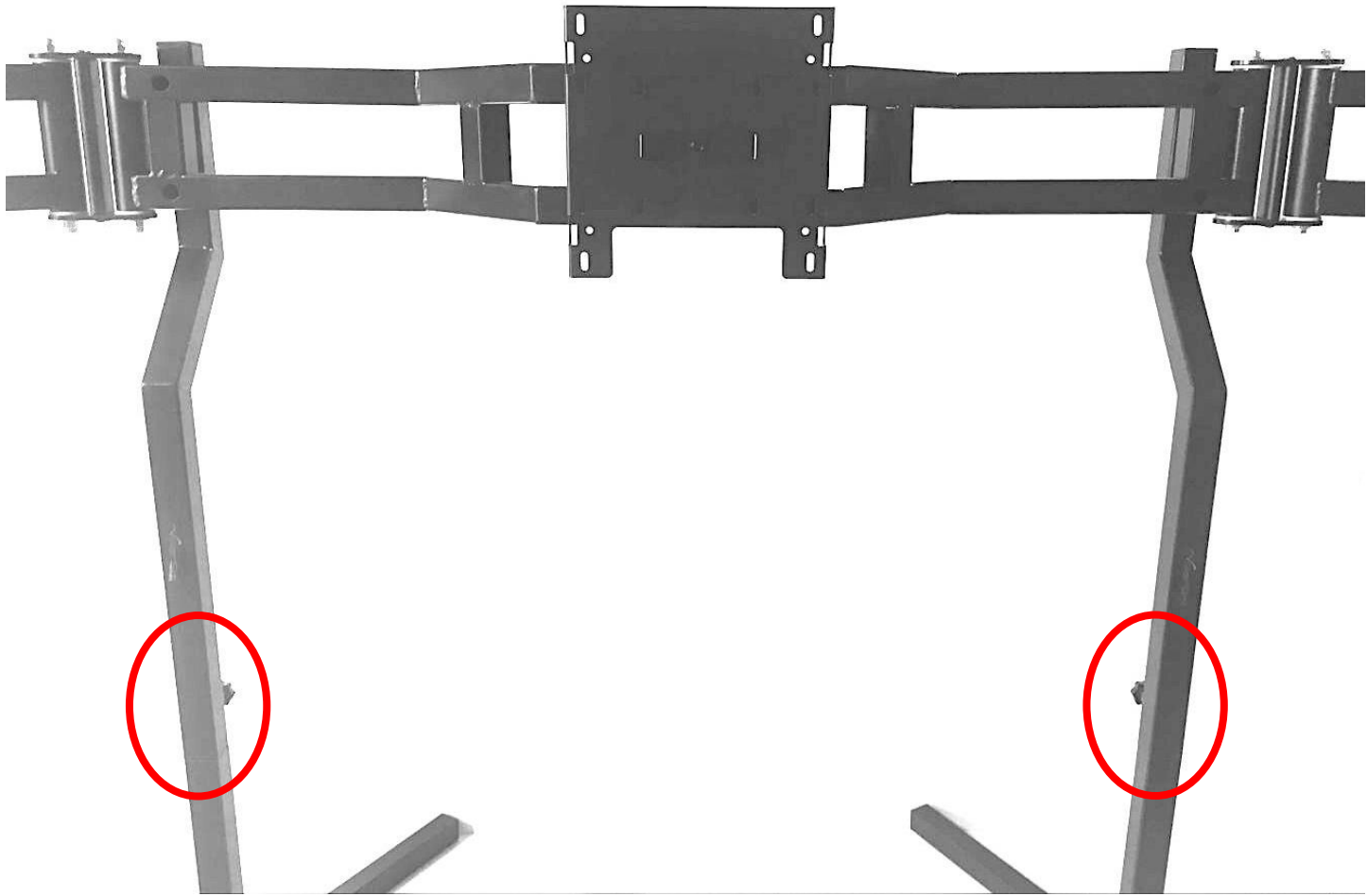
**FIGURE 1**

**STEP 2:** Attach the horizontal support to the left and right legs using four M8x20mm Socket Cap Machine Screws (#1 in TABLE 1) as shown on FIGURE 2 below. Use the Hex Key (#11 in TABLE 1) to tighten the four cap screws.



**FIGURE 2**

**STEP 3:** Slide the completed assembly from STEP 3 into the left and right base legs (a helper here is desired). Use two M10x20mm Machine Screws with Knobs (#2 in TABLE 1) to adjust the height and level of the center assembly. Ensure that the knobs are pointing towards the back. See FIGURE 3 for details:



**FIGURE 3**

**STEP 4:** Attach left and right arms to the center section by loosening the pre-installed M8 Cap Nuts (#8 in TABLE 1) and M8 Washers (#9 in TABLE 1), removing the threaded silver rod, and attaching each arm to the center section as shown in FIGURE 4 below:



**FIGURE 4**

**STEP 5:** Attach left, center, and right mounting plates to the backs of your displays using twelve (four per display) M6x12mm Button Head Machine Screws (#4 in TABLE 1) and the M6 hex key (#10 in TABLE 1). Use appropriate VESA bolt pattern suitable for your TV or monitor. Do not tighten the screws all the way since you will have to align them in STEP 6.

The TV/monitor mounting plates accommodate the following VESA bolt patterns: 100mm x 100mm, 200mm(H) x 100mm(V), and 200mm x 200mm. If you plan on using 400mm x 400mm pattern (common for large TVs), you must use the 400mm x 400mm adapters shown in FIGURE 5 below. Use eighteen (six per display) M6x12mm button head machine screws (#4 in TABLE 1) and eighteen M6 self-locking nuts (#6 in TABLE 1) as shown in FIGURE 5 below:



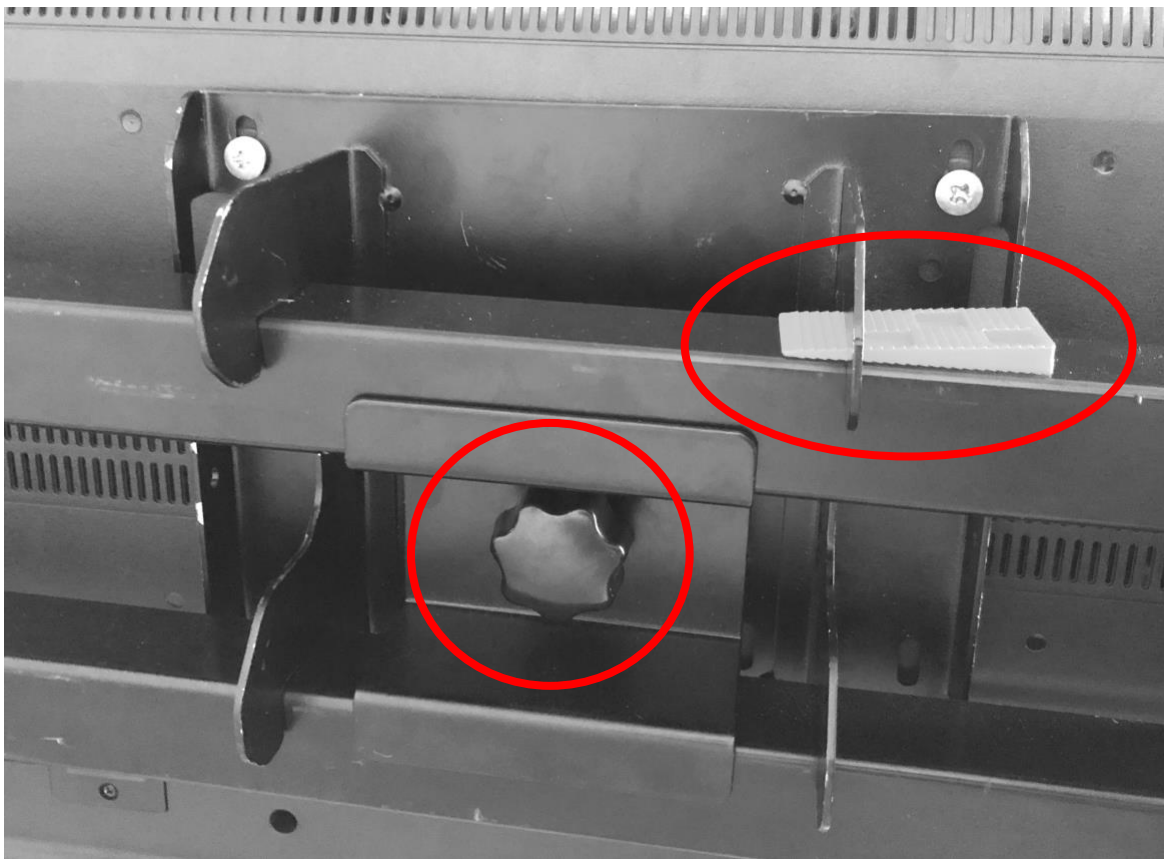
**FIGURE 5 – ATTACHING 400mm x 400mm EXTENSIONS**



**STEP 6:** Hang the displays on the stand starting with the center display first. Next, adjust the angle of the left and right displays with respect to the center display by moving the left and right arms on the pivot points. Next, adjust the horizontal position of the side displays by sliding them in and out on the side arms. The vertical position and the leveling of the TVs/monitors can be adjusted by loosening the VESA mounting screws and moving and/or rotating the displays around the slotted holes and by inserting plastic shims (Item #12 in TABLE 1) at the ends of the left and right mounting plates to help with the leveling as shown below.

When satisfied, secure the monitor bracket onto the arm with the metal channel piece and the M8 Handle Nut (Item #7 in TABLE 1) as shown in FIGURE 6 below.

**HINT: It is helpful to have a second person assist with the alignment process.**



**FIGURE 6**

Finally, check for stability of the stand with the displays installed. Adjust the in/out positioning of the base leg extensions as necessary as shown in STEP 1. Enjoy your Volair Sim stand!