

# HELIOS<sup>®</sup>

BY AUDIO SOLUTIONS

## FMM44

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# ASSEMBLY INSTRUCTIONS



- Please read this instruction manual carefully before assembly
- Fits 26-55 in plasma and LCD TVs
- Weight Capacity 30kg (66lbs)

**Metra**<sup>®</sup>  
HOME THEATER GROUP

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Holly Hill, FL 32117-2653  
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Designed and Manufactured to  
Metra Home Theater Group Specifications  
MADE IN CHINA

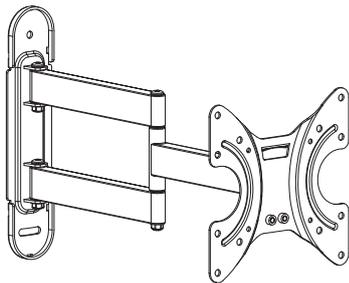
# ⚠ CAUTION:

## SAFETY WARNING:

- Never let children climb on product or play with the product.
- Do not sit or stand on the product.
- Do not fasten a TV that is heavier than the recommended load rating to the mount.
- Mount to a suitable wood stud wall.
- Improper installation may cause property damage and/or personal injury, so the installation must be performed by two qualified contractors.
- The manufacturer is not liable for damage or injury caused by incorrect mounting, assembly or use.
- Improper handling can result in cuts and lacerations.
- Pictures/diagrams are for reference only, subject to our available products.
- Keep this instruction manual for future reference.

**⚠ CAUTION:** This mount is intended for use with weights not exceeding weight capacity of 66lbs. The wall itself must be capable of supporting 4X the standard weight. Please don't over tighten screws in order to avoid any injury. Use with products heavier than the maximum weights indicated may result in collapse of the mount and its accessories causing possible injury.

### ● Parts list:



A-Wall plate unit 1pc



B-Extender(L)  
2pcs



C-Extender(R)  
2pcs



D-Plastic Cover  
2pcs

### ● Hardware list:

H--Lag bolt 2pcs	I--Anchor 2pcs	J--M8washer 2pcs	K--M6X8 bolt8pcs	L--Alley key 1pc

a--M4X12bolt 4pcs	b--M5X12bolt 4pcs	c--M6X12bolt 4pcs

d--M8X25bolt 4pcs	e--M4X30bolt 4pcs	f--M5X30bolt 4pcs	g--M6X35bolt 4pcs	h--M8X50bolt 4pcs

i--M5/M6 spacer 4pcs	j--M8spacer 4pcs	k--M5/M4 washer4pcs	l--M6washer 4pcs	m--10mm spacer4pcs	n--2.5mm spacer8pcs

**Step 1:** Remove the bolts ① with Allen key (L) to separate wall plate unit (A) into two pieces.(Figure 1)

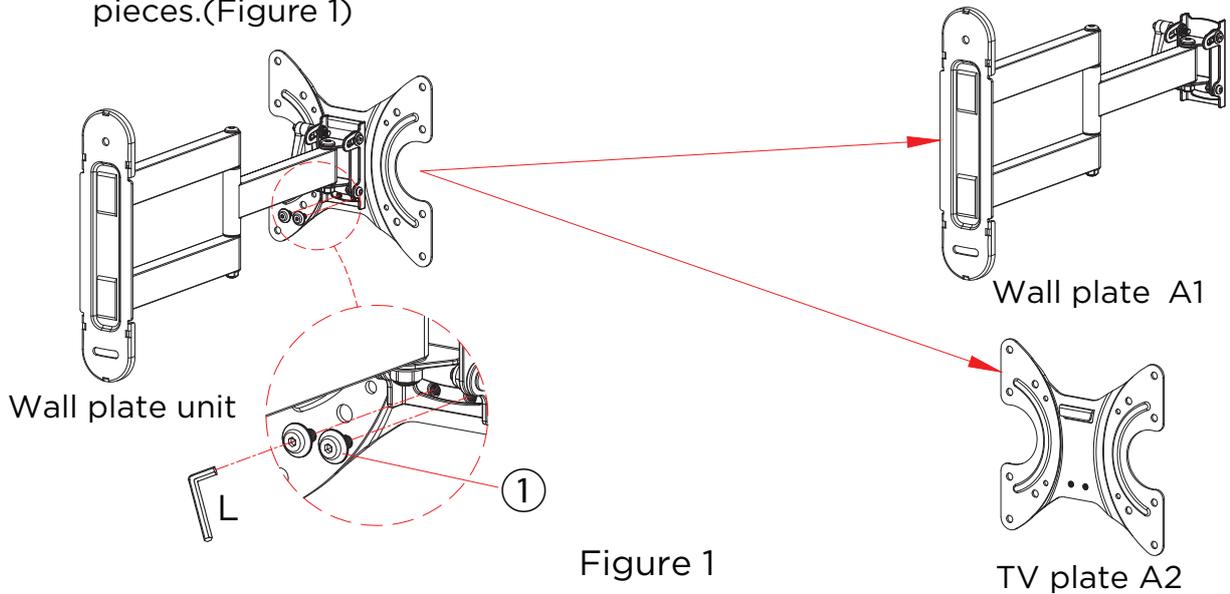


Figure 1

**Step 2:** Please remove the plaster board on the surface of the concrete wall when assembling the mount on a concrete wall. Hold wall plate (A1) against wall at the desired position on the concrete wall, then using a pencil, mark 2 hole locations. Then drill holes at the pencil marks using a 3/8" size drill bit to a depth of 2.5". Insert wall anchors (I) into the holes (you may need to use hammer to lightly tap the wall anchors into the wall). Then fix wall plate (A1) to the wall with screws (H) and washers (J). (Figure 2)

**CAUTION:** The concrete wall must have a minimum thickness of no less than 5.5", and the surface covering may not exceed 3/8".

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**CAUTION:** The wood stud minimum size is 2x4", and the surface covering cannot exceed 5/8". Drill holes on the wooden stud's center line.

**CAUTION:** Don't not install the mount onto concrete block.

Concrete wall

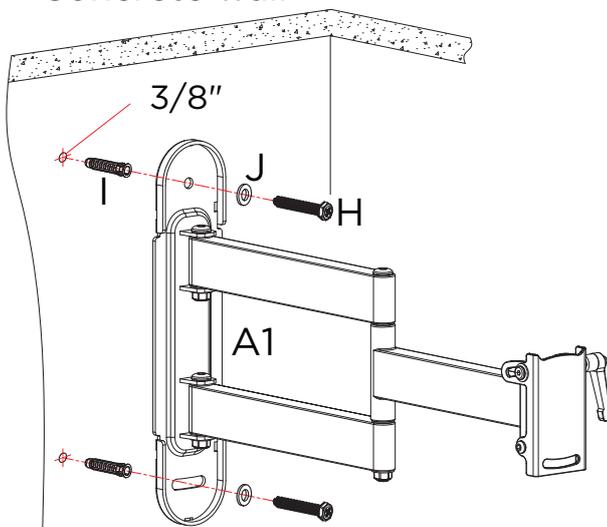


Figure 2 (keep the wall plate level)

Wood Single Studs

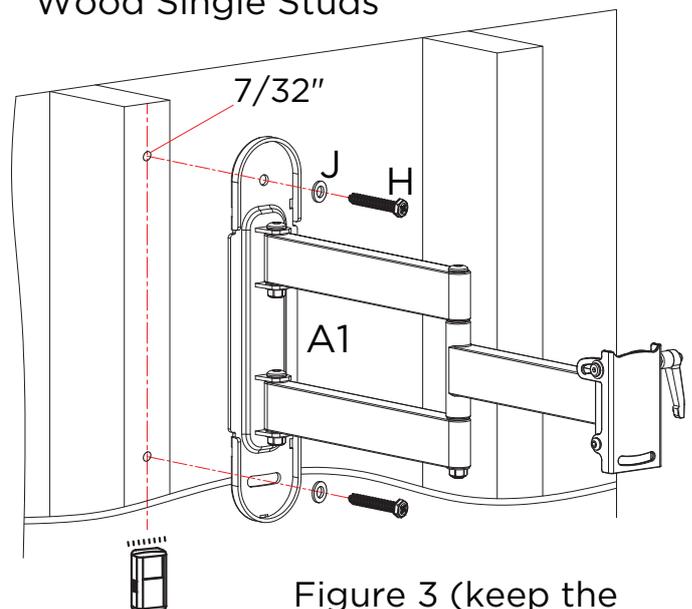


Figure 3 (keep the wall plate level)

**Step 3:** Plastic Cover (D) inserts into wall plate (A1). (Figure 4)

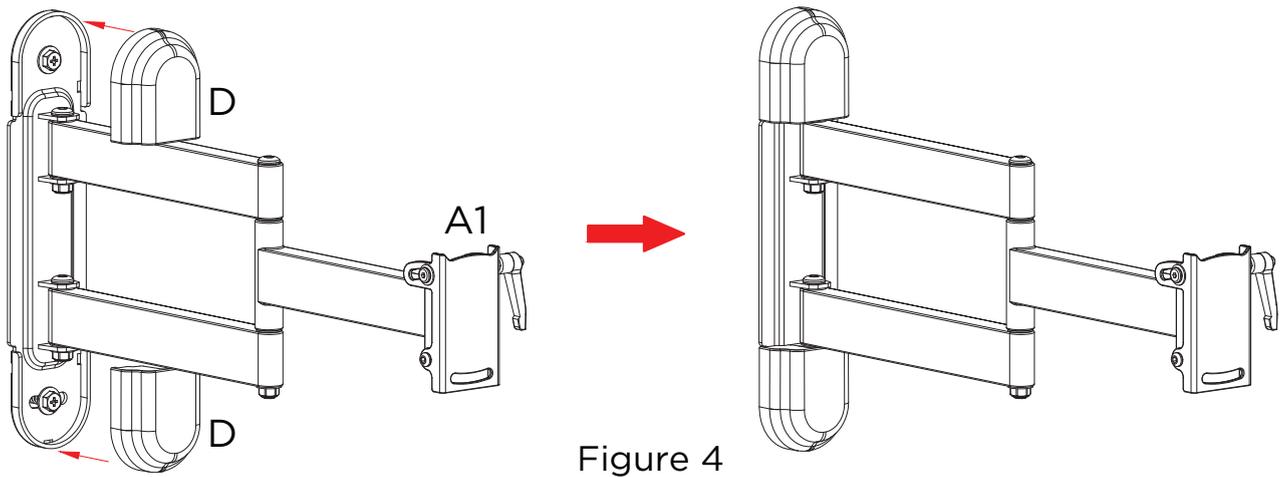


Figure 4

**Step 4:** Per the hole pattern on the back panel of TV, choose the suitable unit.  
1. VESA within 200x200, connect TV plate (A2) to the TV directly.  
2. VESA dimension of 400x400, attach the extended arms (B, C) to the TV plate (A2) by screwing in bolts (K) with Allen key (L). Do not tighten the bolts at this step!

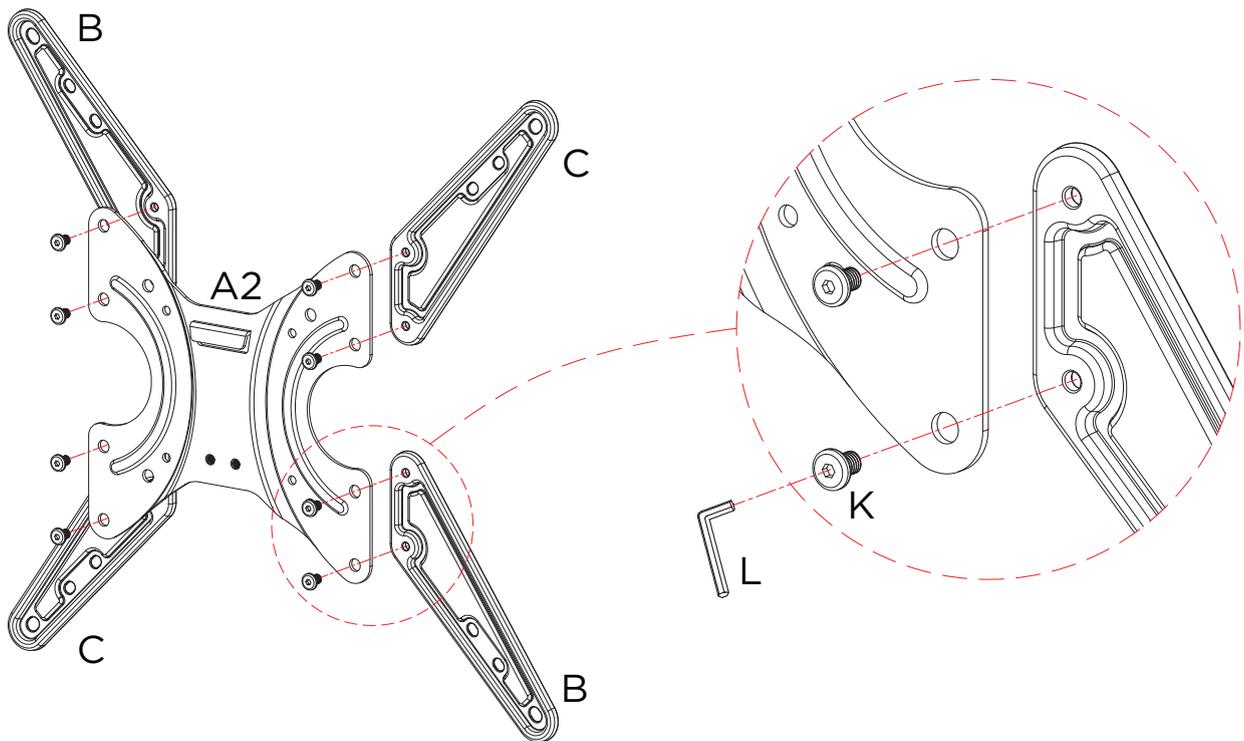


Figure 5

**Step 5:** Attach TV plate (A2) to the back of the TV. Choose the corresponding bolt, washer and spacer to fit the mounting holes on the rear of the TV.

If the back of TV is not flat, or the bolts used to assemble TV are too long, or there is interference between the TV bracket and cable inlets, we highly recommend that you use spacers.

**CAUTION:** Using incorrect bolts may damage your TV.

1. VESA: within 100x100/ 200 x 200

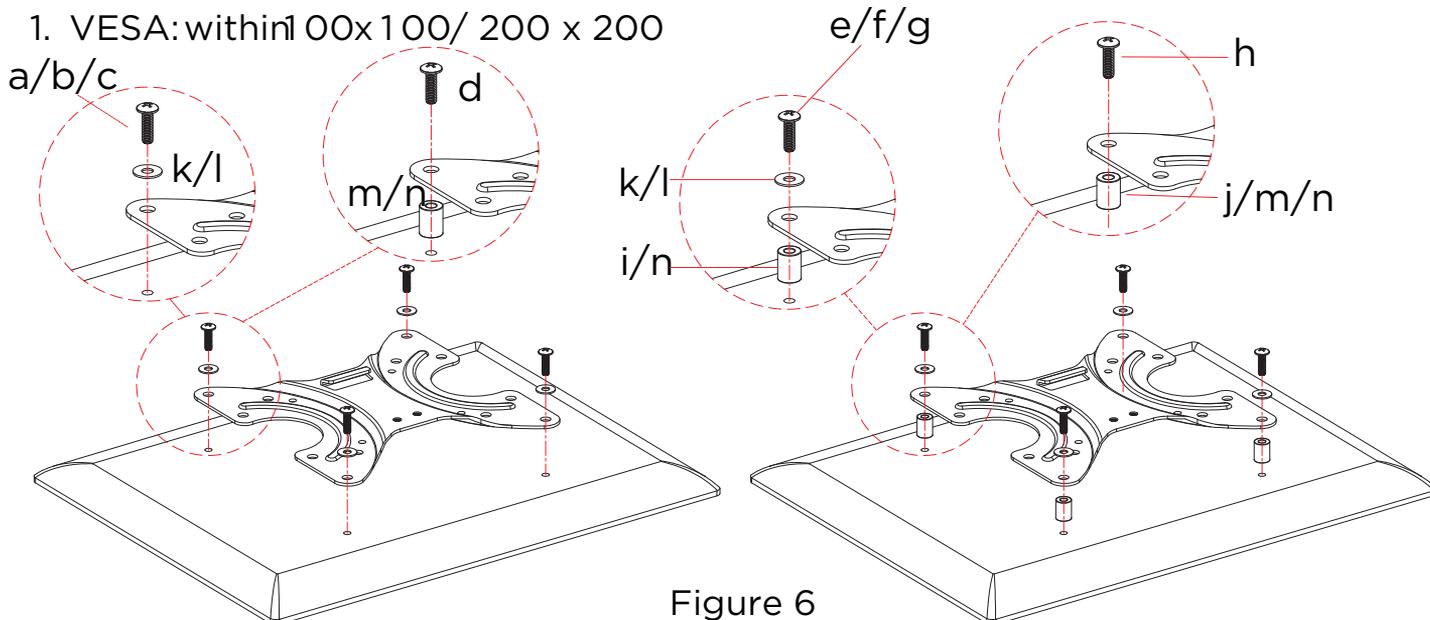


Figure 6

2. VESA: within 400x 400.

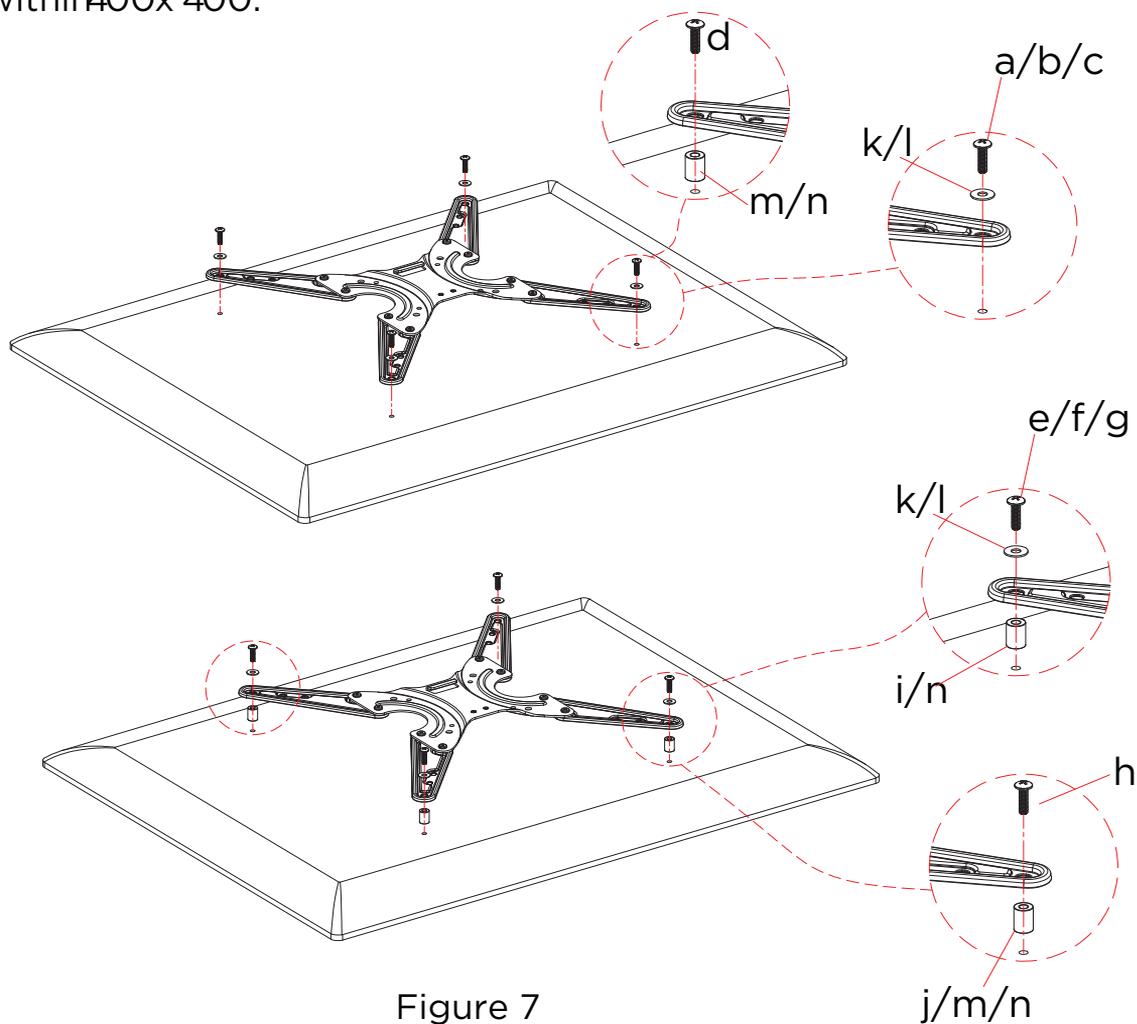


Figure 7

**Step 6:** Hang pre-assembled TV unit on the wall plate and fasten it with supplied bolts.

**⚠ CAUTION:** This step requires 2 or more professionals.

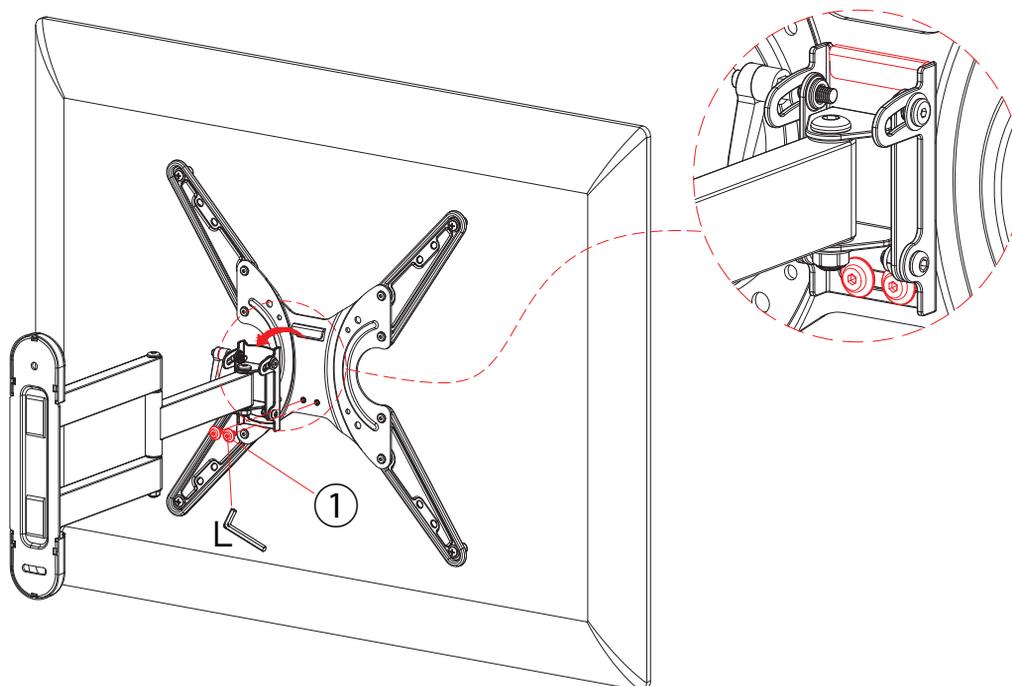


Figure 8

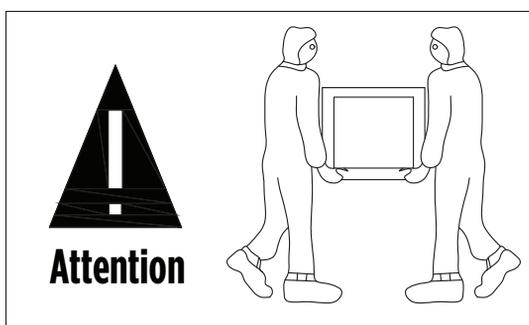


Figure 9



Figure 10

**Step 7:** Adjust the tilting angle with the spring loaded handle. Hold the TV and adjust it to your desired position, then fasten the handle and the bolt opposite to the handle to secure the position.

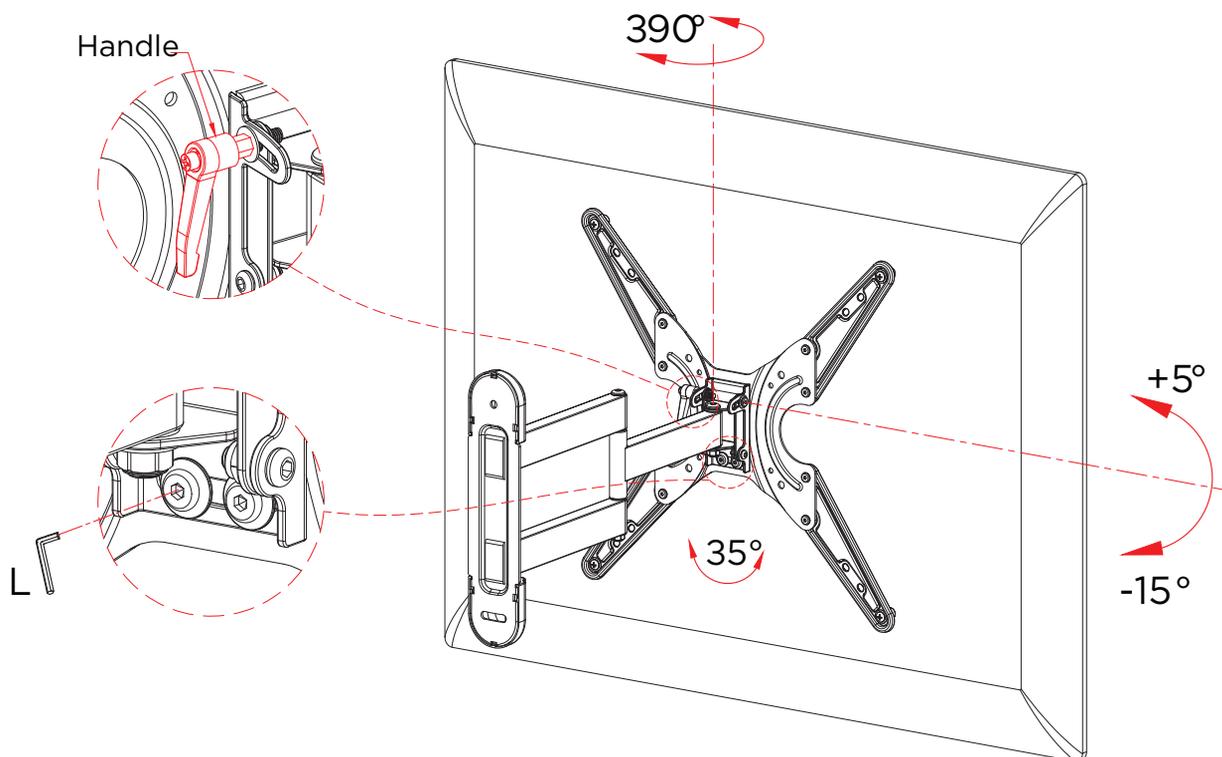


Figure 11

**PAY EXTRA CARE AND ATTENTION WHEN YOU FASTEN TWO TV MOUNTS TO THE BACK PANEL OF THE TV IN STEP 5. MAKE SURE THE APPROPRIATE MOUNTING HARDWARE IS BEING USED PROPERLY.**

1. Select correct Mounting Hardware according to the screw hole size of your TV, then discard any remaining screws or spacers.
2. Carefully lay your TV on its face on a non-abrasive surface, making sure to lay padding underneath it so as not to damage the screen.
3. Place the left TV mount and right mount in the appropriate positions, making sure they are CENTERED on the back of the TV and LEVEL with one another.
4. This product only install on the perpendicular walls and not on ceilings.