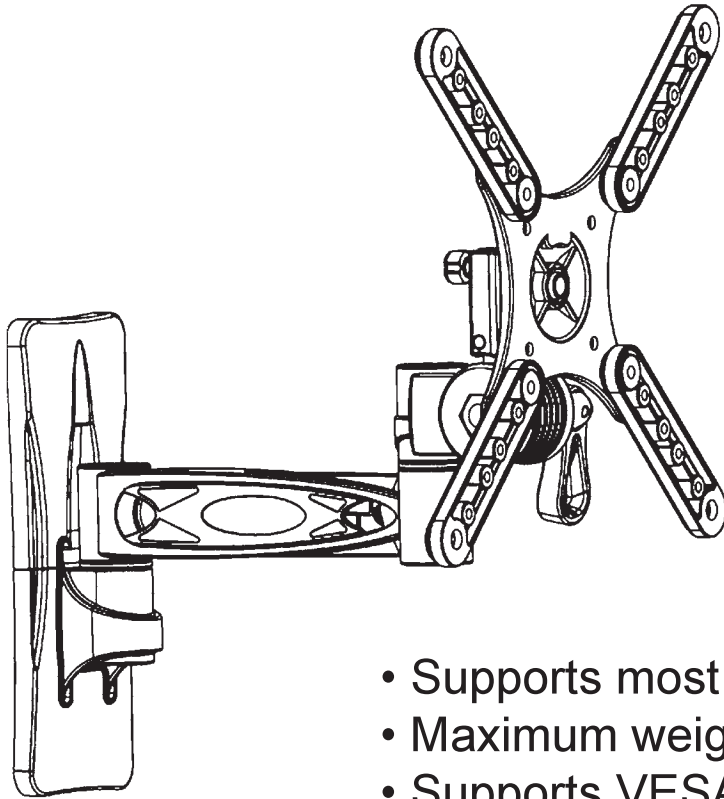


# Tilting & Swiveling Flat Panel Wall Mount Installation Guide



**Model: E310SS**



- Easy installation
- Low profile
- Built-in leveler
- Corrective leveling adjustments after installation
- Forward / backward tilt range: +5 to -15 degrees
- Left to right swivel range: 180 degrees
- Extension range: 2.9" to 9.75"



- Supports most 10" - 32" LCD Flat Panels
- Maximum weight capacity: 55 lbs.
- Supports VESA Sizes up to 200X200

**For technical assistance or troubleshooting  
please call 1-855-994-3832.**



**! WARNING!**  
This product Wall Mount frame is intended for use only with an apparatus which has a maximum weight of 55 lbs. See apparatus instructions. Using with an apparatus heavier than the maximum weight indicated may result in instability and cause possible injury.

**READ THIS FIRST** Read this entire manual! Do not attempt to install this product if you do not understand the instructions. Contact a qualified mount installer if you have any doubts about a safe and secure mount installation, or if you are not sure what specific wall materials you are attaching this mount to. Check all the parts carefully to make sure there are no missing or damaged parts. Improper installation may result in damage to your TV, property, and personal injury.



**This product is intended only to mount a television of the indicated size and weight. Using this product to mount televisions heavier than the maximum weight capacity can damage equipment and cause personal injury.**

**Schoenfeld International Inc. and ETEC are not responsible for personal injury or product damage due to mishandling, incorrect mounting, incorrect assembly, or incorrect use of this product.**



## **CHILD SAFETY**

**How and where you use your television wall mount is extremely important for Child Safety. As you set up and use your new product, keep all of these safety tips in mind.**

- **One size of TV wall mount does not fit all TVs. Use only a TV wall mount rated for the weight of your TV and the size of your screen. Your TV wall mount assembly instructions contains specific information on the maximum weight and screen size combination that your wall mount can safely support. Do not exceed the maximum weight of screen size for any TV wall mount.**
- **Carefully read all of enclosed instructions for proper use of this product. If you have any doubts about safe and secure assembly, please contact a professional.**
- **Don't let children climb on or play with mounts or TVs.**
- **Remember that children can become excited while watching a program, especially on a "larger than life" TV. Make sure to place or install the TV wall mount where it cannot be pushed, pulled on, or knocked down.**
- **Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.**



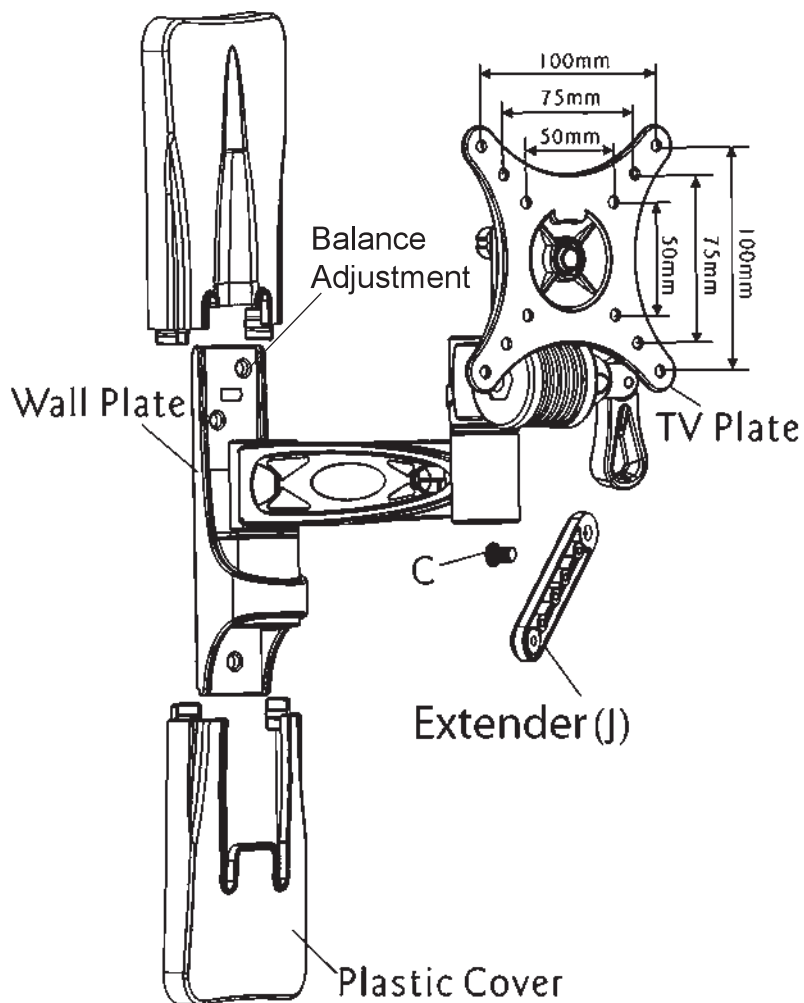
**Always wear safety goggles to when drilling or installing hardware.**

## **Tools**

**For your convenience, we have included an allen wrench and a socket tool with this mount. For the best assembly experience and mounting safety, we always recommend using full-size tools for each assembly steps.**

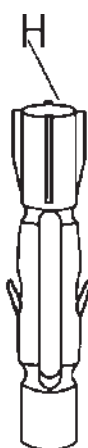
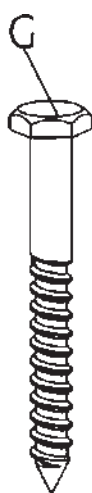
**Below is a recommended tool list you will need for proper and safe installation. See applicable warnings in this manual about certain types of mounting surface materials and the special hardware and tools that should be used.**

- **Drill with a specific size drill bit to pre-drill holes in the wall**
- **Stud finder**
- **Tape measure**
- **Pencil**
- **Screw drivers**
- **Socket wrenches**
- **Small hammer**
- **Safety goggles**



## Hardware List

Bag ID	QTY	Description
A	4	M4x12mm bolts
B	4	M4x30mm bolts
C	4	M5x12mm bolts
D	4	M6x12mm bolts
E	4	M6x25mm bolts
F	4	M8x12mm bolts
G	3	Long bolt
H	3	Wall Anchor
I	3	Long bolt Washer
J	4	Extenders
Ka	1	Small Hex Wrench
Kb	1	Large Hex Wrench
L	1	Box Wrench
M	4	M4/M5 Washers
N	8	M6/M8 Washers



The actual appearance and quantity of parts may be different than shown in the illustration. Consult the table for actual quantities.

## Step 1: Determine the mounting position on the wall

Find and mark the position on the wall where you want to mount the TV. Make sure the wall has enough space to fit the entire television display.

The best viewing height is parallel to the eye level of a person sitting on a couch. Normally, this is about 4 feet above floor level.

In addition to your eye level height when you are seated, the following two measurements will help you determine the perfect height for your wall-mounted television:

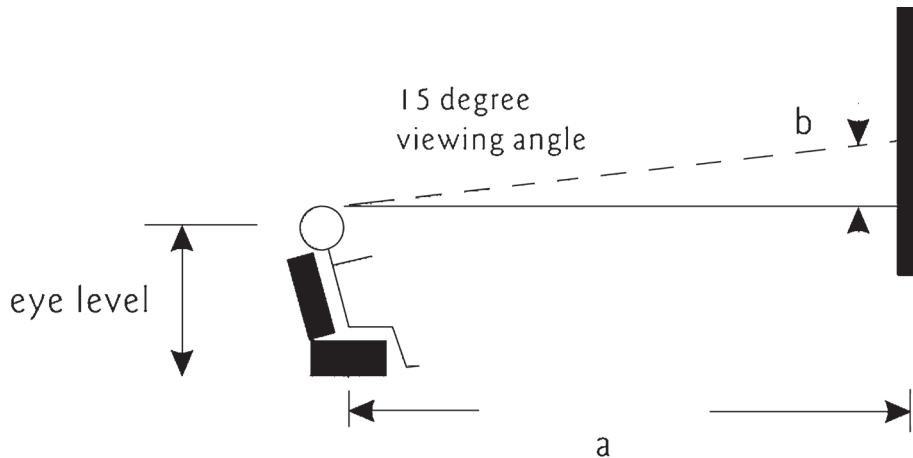


Fig. 1

- The distance from your viewing location to the wall (Fig 1).
- The vertical distance from eye level to the floor plus the distance from your viewing location to the wall when the viewing angle is 15 degrees.

For example:

- If distance 'a' is 5 to 7 feet (1.5 to 2.1 meters), distance 'b' is about 1 foot (0.3 meter).
- If distance 'a' is 8 to 13 feet (2.4 to 4 meters), distance 'b' is about 3 feet (0.9 meter).
- If distance 'a' is 14 to 17 feet (4.3 to 5.2 meters), distance 'b' is about 4 feet (1.2 meters).

Add the eye level height plus 'b' to get the ideal height of the center of the television display.

## Step 2: Install the wall mount

After determining the best placement, follow the mounting instructions for your type of wall construction: wood studs or concrete.



Attaching this mount to wood or concrete walls requires special tools and hardware to ensure the mount is securely and safely attached to these materials. Brick and concrete will break or crumble if special concrete drill bits and drill operating speeds are not properly used. Consult a professional if you are unsure or have any doubts about the safety of the installation. Personal injury or equipment damage can result if the mount is not properly installed.

### Wood stud walls (Fig 2):

1. Use an electronic stud finder to locate the wall studs. Mark their locations on the wall.
2. Place the wall plate flat against the wall in the desired mounting location, aligning the holes in the plate with the studs. Use the wall plate as a template to mark the three mounting holes on the wall.
3. Use a 4.5 mm drill bit to pre-drill two 50 mm (2 inches) deep holes at the marked locations.
4. Use the supplied box wrench (L), long bolts (G), and washers (I) to mount the wall plate on the wall.
5. Use the balance adjustment (shown in fig. 3) to level the wall plate, repositioning as necessary, then securely tighten the bolts.

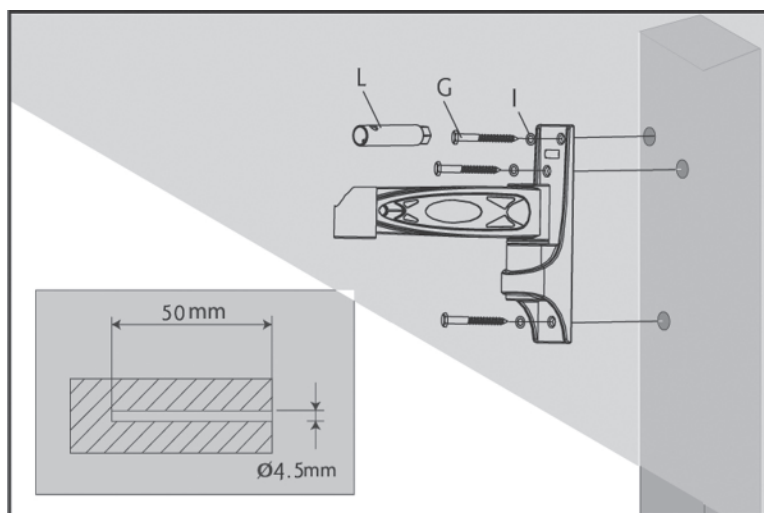


Fig. 2

## Concrete walls (Fig 3):

1. Place the wall plate flat against the wall in the desired mounting location. Use the wall plate as a template to mark the mounting holes on the wall.
2. Use a 10.5 mm drill bit to pre-drill three 50 mm (2 inches) deep holes at the marked locations.
3. Insert a wall anchor (H) into each pre-drilled hole and lightly tap it with a hammer until the wall anchor is flush with the wall.
4. Use the supplied box-end wrench (L), long bolts (G), and washers (I) to mount the wall plate on the wall with the wall anchors.
5. Use the balance adjustment (shown in fig. 3) to level the wall plate, repositioning as necessary, then securely tighten the bolts.



**Do not use concrete wall anchors in a drywall. Installing the bracket in drywall using concrete wall anchors can result in personal injury or product damage.**

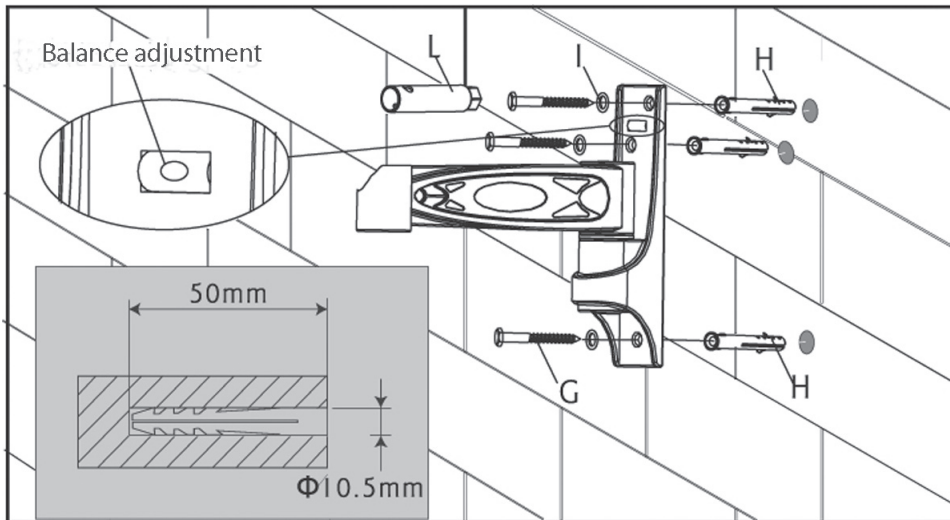


Fig. 3

## Install the plastic covers

Install the plastic covers on the wall plate by pushing the separated covers toward each other until they lock in place (Fig 4).

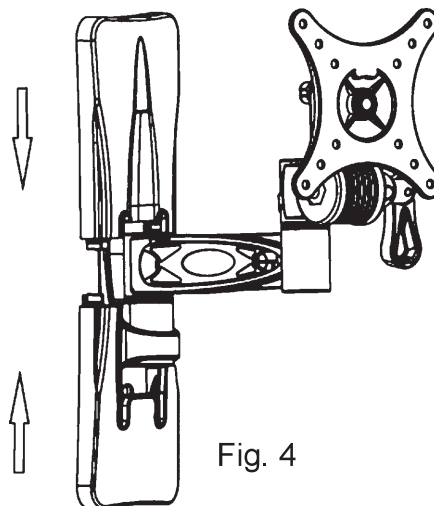


Fig. 4

### Step 3: Install the TV plate on the television



**Do not force the bolts into the mounting holes on your TV. Do not use an electric drill to tighten these bolts on your TV. This could damage the equipment or cause personal injury.**

**CAUTION:** Do not place the TV face down on a hard surface when installing the mounting plate on the TV. Placing the TV face down on a hard surface can result in equipment damage. Use a blanket or other suitable surface.

Check your TV manual to confirm the required bolt diameter according to the size, depth, and position of the mounting holes in your TV.

If the mounting hole pattern on the rear of your TV is VESA 100 or less, use the M4 or M5 bolts (A-C) to attach the TV Plate to the rear of the TV as shown in Fig. 5.

If necessary, use the Washers (M) with the bolts (A-C) to avoid overtightening the TV Plate to the rear of your TV.

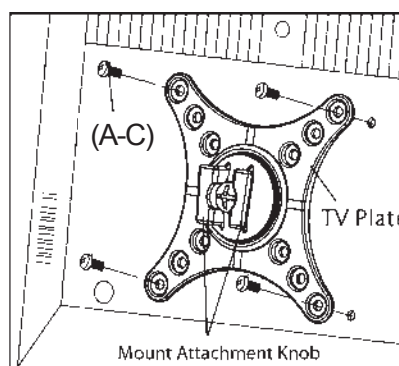


Fig. 5

If your television is larger than VESA 100, install the extenders (J) on the TV plate with the supplied bolts (C) before installing the plate on the television. The position of the extenders depends on the size and position of the mounting holes in your TV (Figs 6 and 7).

Use the selected bolts (A-F) to install the TV plate (or the TV plate with extenders), center knob down, on the back of the television. If needed, use Washers (M, N) with bolts (A-F) to avoid overtightening the plate to the rear of your TV.

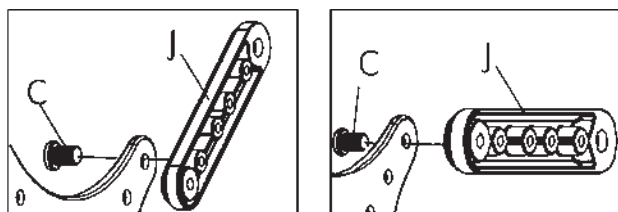


Fig. 6

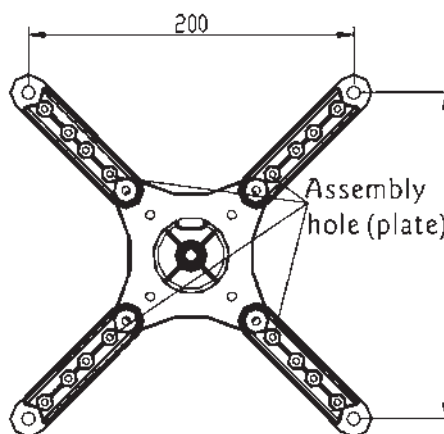
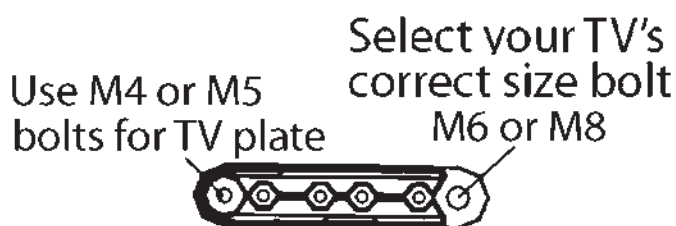
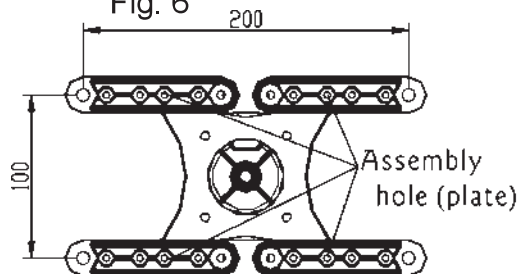


Fig. 7

## Step 4: Hang the television



A large television requires two people to lift. Schoenfeld International Inc. and ETEC are not responsible for equipment damage or personal injury due to mishandling.

Do not let go of the TV until you are sure that it is securely mounted. Releasing the TV without first ensuring that it is securely installed can result in equipment damage or personal injury.

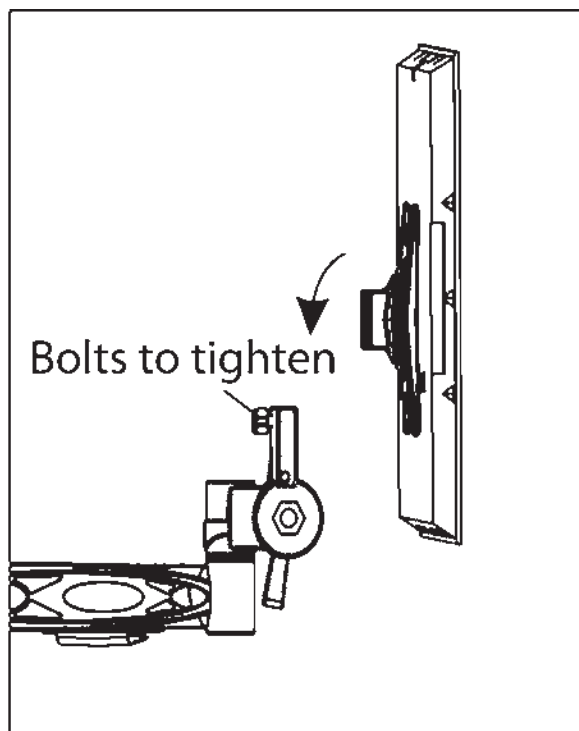


Fig. 8

1. Lift the television (with TV plate attached) and slide the mount attachment knob into the receiver on the arm as shown (Fig 8).
2. Once the television is securely in place, tighten the two bolts (turn clockwise) on the rear of the receiver to securely fasten the television to the arm assembly.

## Display Adjustments (Fig 10)

This wall mount offers a variety of display adjustments to offer the best viewing from a number of seating positions.

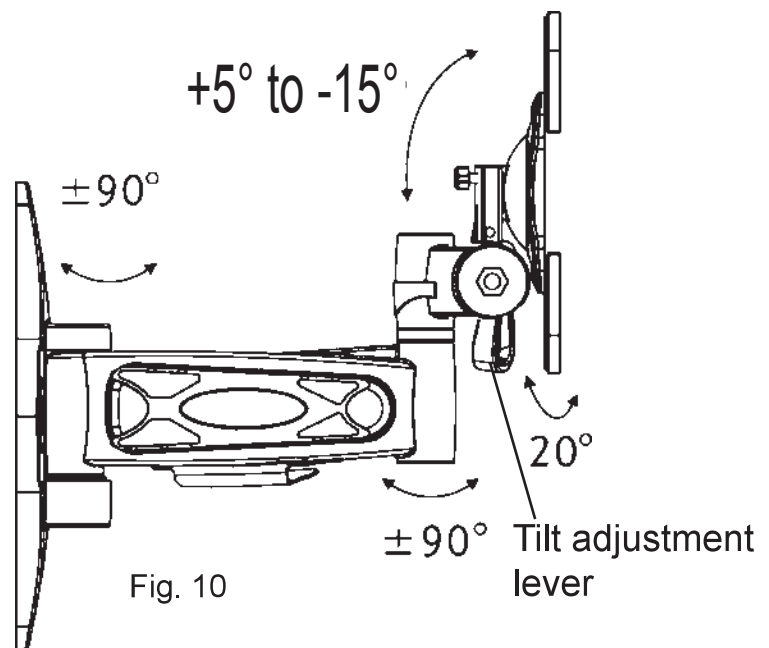


Turning the television display too far, beyond its adjustment limits, can result in equipment damage or personal injury.

A large television requires two people to lift. We are not responsible for equipment damage or personal injury due to mishandling.

### Horizontal Leveling

Grasp both sides of the TV display and move it to your desired horizontal position. If you want the display to remain in this horizontal position, securely hold the TV display and then loosen the tightening bolt on receiving joint and remove the display from the arm assembly. Then, use the supplied large hex wrench (Kb) to tighten the bolt on the back of the TV plate to increase the horizontal tension. Replace the television on the wall mount arm assembly; re-tighten bolts.



### Vertical Tilt Angle Adjustment

The vertical adjustment angle is from +5 to -15 degrees. The tilt adjustment lever (Fig 10) is loosened (counter clock-wise) to adjust the mount tilt upward and downward and turned clock-wise to lock the tilt adjustment. Choose the desired vertical angle. Then, turn the tension knob on the right side of the arm clockwise to tighten it.

Thus, the adjustment procedure is outlined in the following sentences. Turn the tension knob on the right side of the arm to loosen it. Choose the desired vertical angle. Then, turn the tilt adjustment lever clockwise to tighten it.

### Left to Right Pan Angle Adjustment

The television display can swivel 180 degrees from left to right. Choose the desired position. Then, use the supplied small hex wrench (Ka) to tighten the front bolt on the top of the arm assembly

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### **Left to Right Swivel Angle Adjustment**

The display can swivel 180 degrees from left to right. Choose the desired position and use the provided small hex wrench (Ka) to tighten the back bolt on the top of the arm assembly. To access this bolt you will need to remove the top plastic cover.

### **Corrective Leveling Adjustments**

If the wall plate is not level, you can adjust the TV plate up to 10 degrees to level the mounting assembly.

### **Storing the Display Against the Wall**

Grasp the side edges of the television display, pull the display into the center position, and then carefully push the display straight back toward the wall, making sure that cables are not pinched.

### **Bracket Reference Dimensions**

TV plate with extenders (w): 200 mm (7.87")

TV plate with extenders (h): 200 mm (7.87")

Wall plate height: 198 mm (7.79")



## **LIMITED SIX-YEAR WALL MOUNT WARRANTY**

We warrant this product to you, the original purchaser at the time of purchase printed on a dated store receipt from an authorized ETEC retailer and for a period of six-years thereafter that our wall mount product and all its parts and components are free of defects in material and workmanship under normal use. This warranty is subject to the provisions below. ETEC's sole obligation and the purchaser's exclusive remedy pursuant to these warranties are limited to replacement at ETEC's sole discretion. There are no other warranties except as expressly set forth below either expressed or implied, including any warranty of merchantability for any particular purpose.

Should you be missing any of the assembly parts or components (screws, pieces, etc.), please contact the Customer Support Center to secure a replacement. It is not necessary to bring the unit back to the store. When calling, please reference the parts list found in the Instruction Manual to help us accurately identify the missing parts and promptly provide replacements.

Our Customer Support Center is available Monday to Saturday (10:00AM to 7:00PM EST) for technical assistance or troubleshooting. To contact us please call 1-855-994-3832.

This warranty is expressly limited to the replacement of wall mount parts and components described in the parts list located in the Instruction Manual included with the product.

This warranty applies under conditions of normal use.

This warranty does not cover: any product, which has been subject to damage due to improper assembly or disassembly, products which were not assembled, installed, used, or maintained in accordance with the product assembly instructions & warnings, acts of nature, misuse, neglect, accidents, abuse, exposure to elements, outdoor use, extreme temperature ranges, damage during transit, commercial use, modification of, or to any part of the product or attachments to the product not approved by ETEC. Also not covered are costs for assembly/dis-assembly labor, costs incurred in shipping the unit or parts for warranty repair/exchange or any products purchased from unauthorized ETEC sellers. Under no circumstances shall ETEC, be liable for any loss (direct, indirect, incidental, foreseen, unforeseen, special or consequential) or for any damage arising out of, or in connection with, the use of this product. Nor shall ETEC have any responsibility for incidental or consequential damages resulting from the breach of this warranty including but not limited to inconvenience, purchase or rental of replacement products, loss of profits or commercial loss.

We reserve the right to request damaged parts or units be shipped to our offices for inspection or confirmation of any warranty claims.

This warranty does not cover product sold 'As Is'.

This warranty is valid only to the original purchaser of the Product in the United States and Canada and grants specific legal rights.

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