



- ***Owner's Manual***
- ***Assembly Instructions***
- ***Warranty Information***

**Manufacturer: Protective Enclosures Company**

277 Douglas Avenue, Suite 1012

Altamonte Springs, FL 32714

1-800-331-2628

info@protectiveenclosures.com

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

*Save this assembly manual for future reference in the event that you need to order replacement parts.*



## CAUTION:

PROTECTIVE ENCLOSURES COMPANY LLC (PEC) DOES NOT WARRANT AGAINST DAMAGE CAUSED BY THE USE OF ANY PEC PRODUCT FOR PURPOSES OTHER THAN THOSE FOR WHICH IT WAS DESIGNED OR DAMAGE CAUSED BY UNAUTHORIZED ATTACHMENTS OR MODIFICATIONS, AND IS NOT RESPONSIBLE FOR ANY DAMAGES, CLAIMS, DEMANDS, SUITS, ACTIONS OR CAUSES OF ACTION OF WHATEVER KIND RESULTING FROM, ARISING OUT OF OR IN ANY MANNER RELATING TO ANY SUCH USE, ATTACHMENTS OR MODIFICATIONS.

- Prior to installation of this product, the installation instructions should be read and completely understood. The installation instructions must be read to prevent personal injury and property damage. Keep these installation instructions in an easily accessible location for future reference.
- The wall structure must be capable of supporting at least four times the maximum load capacity. If not, the wall must be reinforced.
- Recommended mounting surfaces for your separately sold mount and The TV Shield PRO enclosure include wood studs and solid-flat concrete/brick. If the intended mount and The TV Shield PRO enclosure are to be installed on any surface other than wood studs, solid concrete or brick, use suitable hardware (which is not included but is commercially available).
- Do not install the enclosure near heaters, fireplaces, air conditioning or any other heat producing source. Failure to do so may result in damage to the display and could increase the risk of fire.
- Make sure no water or natural gas lines are present where the enclosure is to be installed. Cutting or drilling into water or natural gas lines could cause personal injury or property damage.
- When mounting the enclosure to wood studs, it is recommended that a maximum 5/8" particle board be used.
- Proper installation procedure by yourself or a qualified service technician, as outlined in the installation instructions, must be adhered to. Failure to do so could result in serious personal injury.
- It is recommended that two or more people perform the installation. Injury and/or damage can result from dropping or mishandling the enclosure.
- If you don't understand these installation instructions, please consult an installation specialist.

BE SURE TO COMPARE YOUR TV DIMENSIONS TO THE MAXIMUM INTERIOR DIMENSIONS OF THE TV SHIELD PRO. IF YOUR TV OR DISPLAY IS TOO LARGE IT WILL NOT ALLOW FOR PROPER INSTALLATION OR USE.

## DIMENSIONS:

### **THE TV SHIELD PRO PORTRAIT® 42-50"**

MEDIUM: FITS MOST 40" TO 50" TVS  
MAX INTERIOR DIMENSIONS: 27.5" W X 45.5" H X 4.4" D  
EXTERIOR DIMENSIONS: 31.3" W X 49.5" H X 7.8" D  
WEIGHT: 69 LBS

### **THE TV SHIELD PRO PORTRAIT® 60-65"**

X-LARGE: FITS MOST 60" TO 65" TVS  
MAX INTERIOR DIMENSIONS: 34.5" W X 58.5" H X 4.4" D  
EXTERIOR DIMENSIONS: 38.8" W X 63" H X 7.8" D  
WEIGHT: 102 LBS

### **THE TV SHIELD PRO PORTRAIT® 52-55"**

LARGE: FITS MOST 52" TO 55" TVS  
MAX INTERIOR DIMENSIONS: 29.5" W X 49.5" H X 4.4" D  
EXTERIOR DIMENSIONS: 33.8" W X 54" H X 7.8" D  
WEIGHT: 79 LBS

## IMPORTANT:

**IMPORTANT:** The TV Shield PRO is intended to be used in conjunction with a minimum 400x400 VESA Standard TV Mount (sold separately). The intended mount must be able to support the weight of your TV and also the weight of the enclosure being used (see enclosure weights above). The TV Shield PRO can be flush mounted directly to a wall but we recommend using a professional installer as we DO NOT provide the anchoring or sealing hardware for a direct wall installation. Every direct wall installation is unique depending on the application and requires drilling holes in the base plate.

## CLEANING INSTRUCTIONS:

DO NOT USE PAPER TOWELS OR ANY OTHER ABRASIVE CLOTH. ONLY USE A NEW SOFT CLOTH OR SPONGE AND CLEAN IN AN UP AND DOWN MOTION.

### Polycarbonate:

When the polycarbonate sheet is first installed, the glazing compound and masking paper adhesive can be easily removed by applying naphtha (VM and P) or kerosene with a soft cloth, followed immediately with a thorough soap and water cleaning (DO NOT USE GASOLINE). Adherence to regular and proper cleaning procedures is recommended to preserve the appearance of the unit.

### Washing to Minimize Scratching:

Wash the polycarbonate sheet with a mild soap or detergent and lukewarm water, using a clean sponge or a soft cloth. Rinse the panel well with clean water. Dry the product thoroughly with a chamois or moist cellulose sponge to prevent water spots. Do not scrub, use brushes or apply abrasives on these products. Splashes, grease and smeared glazing compounds can be removed easily before drying by rubbing the shield lightly with a good grade of naphtha or isopropyl alcohol. Follow the alcohol rub with a mild detergent wash using warm water and end with a clean water rinsing.

### Minimize Hairline Scratches:

Scratches and minor abrasions can be minimized by using a mild automotive polish. Three such products that tend to polish and fill scratches are Johnson Paste Wax, Novus Plastic Polish #1 and #2, Novus, Inc., Minneapolis, MN and Mirror Glaze plastic polish (MG M10) Mirror Bright Polish Co., Pasadena, CA. It is suggested that a test be conducted on a sample of the polycarbonate sheet with the product selected and that the polish manufacturer's instructions be followed.

- DO NOT use abrasive or highly alkaline cleaners on the polycarbonate.
- DO NOT scrape the polycarbonate sheet with squeegees, razor blades or other sharp instruments.
- DO NOT ever use benzene, gasoline, acetone or carbon tetrachloride on the polycarbonate sheets.
- DO NOT clean the polycarbonate sheets in the hot sun or on very hot days.

### Compatible Cleaners for Polycarbonate Plastic:

The following cleaning agents have been found to be compatible with polycarbonate (the manufacturer's instructions should be followed):

- The TV Shield *PRO* Portrait® recommended cleaners (found on our website at [www.thetvshield.com](http://www.thetvshield.com))
- VM and P grade Naphtha Joy™ (Proctor and Gamble)
- Palmolive Liquid™ (Colgate Palmolive)

### Cleaners for Graffiti Removal:

- Butyl Cellosolve (for removal of paints, marking pens, lipstick, etc.)
- Masking tape, adhesive tape or lint removal tools (work well for lifting off old weathered paints)
- Kerosene, naphtha, or petroleum spirits (generally effective for removing labels, stickers, etc)

Note: When the solvent will not penetrate the sticker material, apply heat (hair dryer) to soften the adhesive and promote removal (GASOLINE SHOULD NOT BE USED).

### Job Site Precautions:

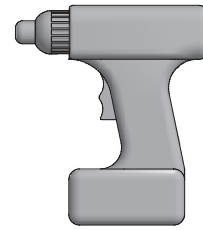
New construction and renovations frequently require that the glazing and surrounding sash and wall finish be cleaned of any excess mortar, paint, sealant, primers or other construction compounds. Only recommended cleaners should be used to clean the polycarbonate sheets. Contact with harsh solvents such as methyl ethyl ketone (MEK) or muriatic acid can result in surface degradation and possible crazing of the polycarbonate.

## **TOOLS REQUIRED FOR INSTALLATION**

*These are the tools that are generally required for assembly of our products. These tools are not included with the product purchase, nor included in the box. You will need to use a separately sold TV wall or ceiling mount.*



***Electronic Stud Finder for Drywall Applications  
(for installation of your separately sold wall mount or  
flush mounting)***



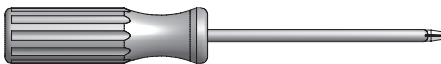
***Cordless Drill or Electric Drill***



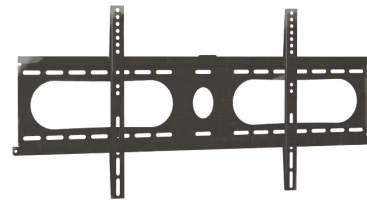
***Bubble Level***



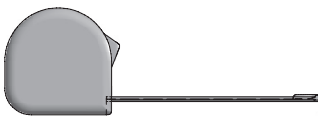
***10mm and 8mm Socket and Socket Wrench***



***Phillips Screw Driver***



***Separately Sold Wall/Ceiling Mount***



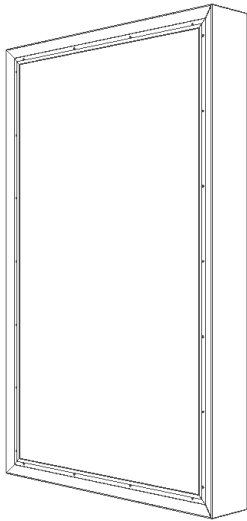
***Tape Measure***



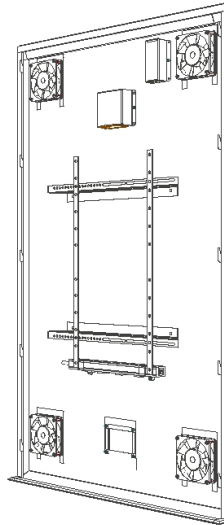
***An Adult w/ an Adult Helper***

## **PARTS IDENTIFICATION**

### ***Included in Box***



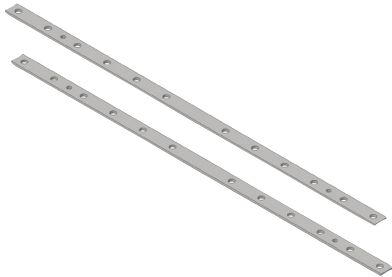
***(1) Front Frame***



***(1) Base Plate***



***(2) Vertical Brackets***



***(2) Horizontal Brackets***



***(4) 1" x 0.90" Nylon Spacers  
(used for flush mounting)***



***(1) T-27 Torx Security Bit***

*See Remaining Parts Identification Items on the Next Page*

# **PARTS IDENTIFICATION**

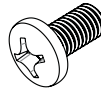
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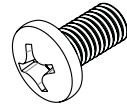
(4)M4x12 Screw



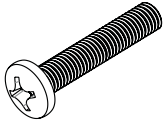
(4)M5x12 Screw



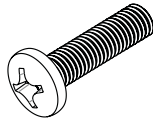
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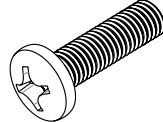
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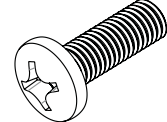
(4)M4x25 Screw



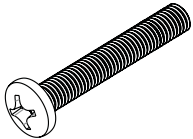
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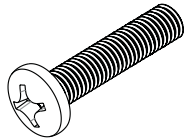
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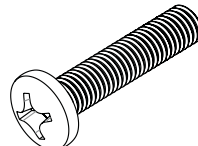
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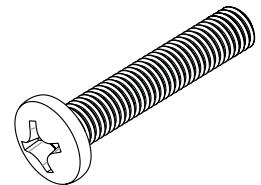
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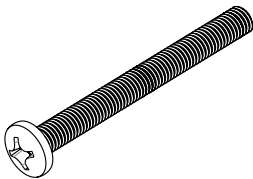
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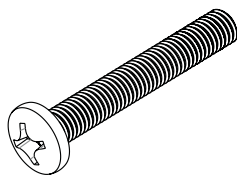
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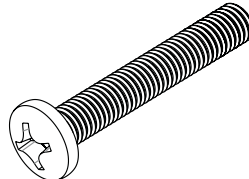
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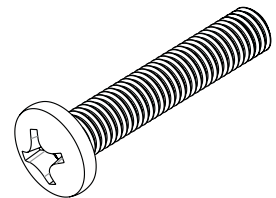
(4)M4x45 Screw



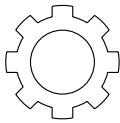
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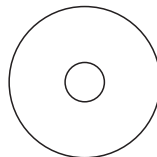
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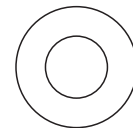
(4)M8x45 Screw



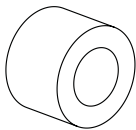
(4)M8 Lock Washer



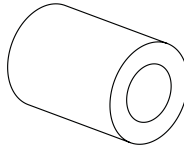
(8)M4/M5 Washer



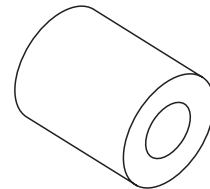
(8)M6/M8 Washer



(4)M6/M8x10mm Height Spacer



(4)M6/M8x20mm Height Spacer



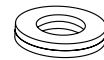
(4)M6/M8x30mm Height Spacer



(8)6mm Stainless Steel Nut



(8)6mm Stainless Steel Washer



(4)6mm Metal Bonded Washer

## IMPORTANT:

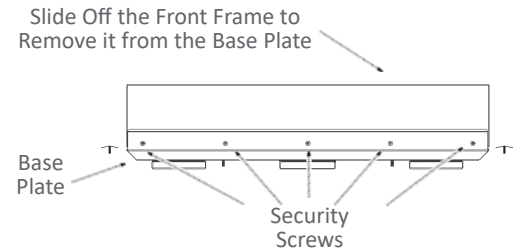
- Do not remove the protective coverings from the front shield of the enclosure until you are instructed to do so in the correct step. This will avoid unwanted scratches while installing.

### STEP 1: Remove Front Frame from Base Plate

*\*Read all of the assembly notes, caution notices, and important information prior to starting the installation.*

1. Use the supplied T-27 torx pin bit to remove the front frame from the base plate. Remove the five to six security screws (see Figure A). Slide the front frame and base plate apart by lifting the front frame up and off the base plate.

Figure A



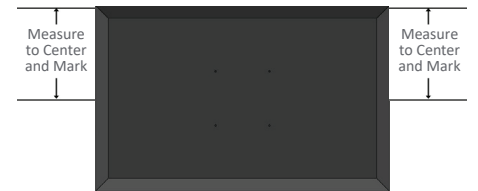
### STEP 2: Measure Monitor for Internal Mount

1. Place your monitor face down on a soft flat surface in the landscape/horizontal position. Be sure your work area is free of any tools or debris that could crack your monitor screen.

**Note:** Even though you are installing your monitor in a portrait/vertical orientation, all measurements for this step are done while your monitor is in the landscape/horizontal orientation (see Figure A). Measurement accuracy is highly important for proper assembly.

2. Locate and mark the vertical center on the back side of your monitor. Do this on both sides (see Figure A).

Figure A



### STEP 3: Install Horizontal Brackets

1. Place the horizontal brackets on the back of the TV over the threaded (VESA) mounting holes. Make sure you are centering the bracket left to right on your mounting holes. In other words, if you are on the third hole from the right make sure you are on the third hole from the left.

**Note:** If your display has a raised area on the mounting side such as a speaker bar, you will install the 10, 20, or 30mm spacers under the horizontal bracket and use the longer screws to raise the horizontal bracket to the same plane as the raised area on your monitor (see Figure B to the right).

2. Install the provided screws that fit your TV using a Phillips head screwdriver. Use the provided washers if you are installing the 4mm or 5mm screws.

**Note:** You may also use the spacers to move your TV closer to the front panel if your display is thin. Be sure to check your TV depth and the amount of space to ensure it will still fit within your max interior depth.

Figure A

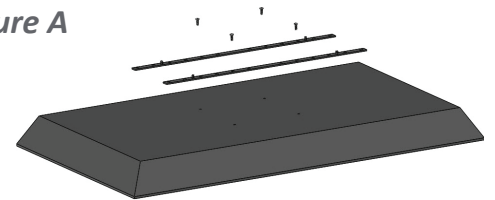
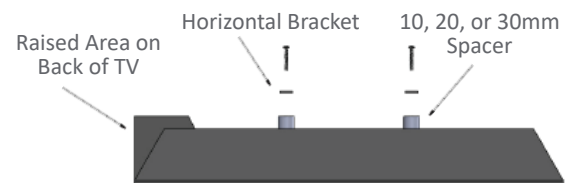


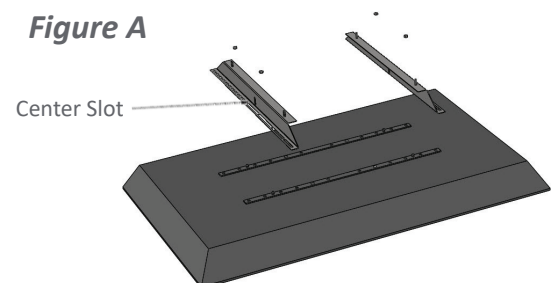
Figure B



### STEP 4: Install Vertical Brackets

1. Install the vertical brackets by aligning the center slot on the bracket with the vertical center of your TV. This is the mark you made in Step 2. Be sure the brackets are installed like the diagram with the threaded studs towards the middle of your monitor. You may need to slightly adjust the vertical bracket up or down from the exact center, which is fine. Place the 6mm washers and 6mm nuts on the threaded studs from the horizontal bracket and tighten using a 10mm socket.

Figure A

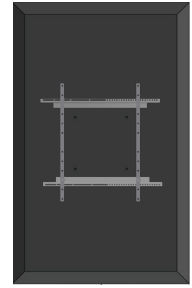




## STEP 5: Install Power and Component Cables

1. Rotate your monitor to the portrait/vertical orientation at this point (see Figure A).
2. Install the power cord and any needed HDMI/coax cables/component cables into the correct "port(s)" on your monitor.

Figure A



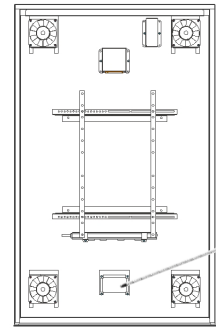
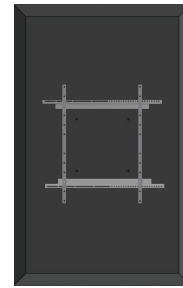
## STEP 6: Run Cables and Install Base Plate



**Important Note:** If your intention is to flush mount the enclosure and not use an external mount, please go to page 10 of this manual for instructions. Flush mounting is not the recommended installation.

1. Lay the base plate directly next to your monitor and remove the cable pass-through hood on the base plate using an 8mm (5/16) socket (see Figure A).
- Note:** If you are installing any other equipment (cable box, mini PC, media player etc.), install them now to the base plate or directly to the back of your monitor using outdoor velcro or a similar material.
2. Pull the internal power strip cord and any other component cables through the cable pass-through.
3. Reinstall the cable pass-through hood using the 8mm (5/16) socket. Space all cables at least  $\frac{3}{4}$ " apart from each other to ensure the unit seals correctly. Make sure not to bunch the cables (see Figure B).
4. Plug your monitor into the internal power strip on the base plate and any other peripheral equipment you may be housing inside of the enclosure.
5. Place the base plate directly over your monitor and internal mount, aligning the holes in the base plate with the threaded studs from the internal mount (see Figure C). In some cases you may need to use a small tool to align the threaded studs with the holes.

Figure A

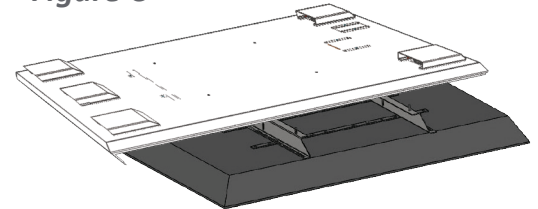


Cable  
Pass-  
Through

Figure B



Figure C

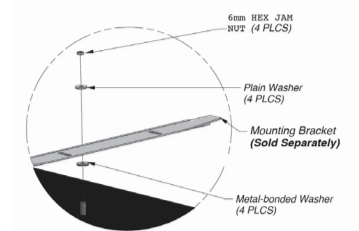
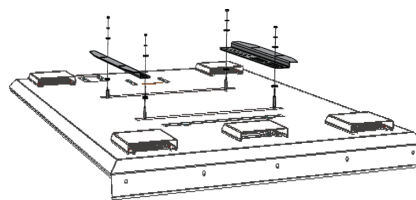


## STEP 7: Install Separately Sold External Mount

**Note:** If you are flush mounting your enclosure, you will not be using a mounting bracket and will install the bonded washer, standard washer, and 6mm nut to secure the internal mount and monitor to the base plate.

1. Align the mounting bracket (sold separately) with the threaded studs protruding through the back of the base plate and secure them using the hardware as shown in Figure A. The metal bonded washer should be installed (rubber side down) before the mounting bracket to prevent water intrusion. Tighten accordingly.

Figure A



## STEP 8: Mount the Base Plate and Monitor

**Note:** If you are flush mounting your enclosure, you will hang the base plate with the monitor installed using your supplied hardware and then continue with the instructions through to completion.

1. Hang the base plate with the monitor installed on the external mounting bracket per the separately sold mounting bracket instructions.

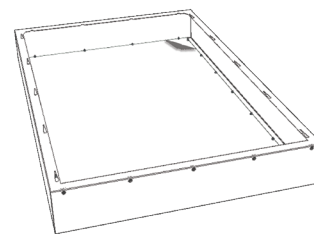


## STEP 9: Remove Internal Protective Covering

Figure A

1. Remove the internal protective covering from the clear front panel (see Figure A).

**Note:** If there is any residue left from the protective covering adhesive, be sure to clean per our cleaning instructions on page 3. Do NOT wipe with a damp or dry cloth, paper towels, or any other abrasive material or you will scratch the polycarbonate. See cleaning instructions on page 3. As a precaution, wash your hands and have a clean work area before removing the protective covering. This will avoid any possible scratching of the lens that may occur during the mounting process.



## STEP 10: Install the Front Frame

Figure A

1. Lift the front frame. Align the top flange and side slots with the top hook and side tabs on the base plate and shift the frame down (see Figure A).

**Note:** The front frame will not shift all the way down at this point and that is ok.

2. Using the T-27 torx bit, draw the front frame down by tightening the outer most left and right security screws. Be sure to only tighten the left halfway and then move to the right and tighten halfway. Go back to the left screw and tighten fully and then back to the right. This will ensure you don't bind or overtighten one side first (see Figure B).

3. Install the other 3 to 4 screws that were removed in Step 1.

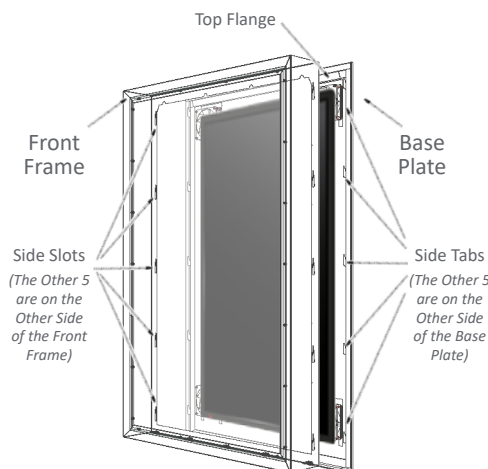
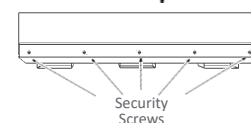


Figure B

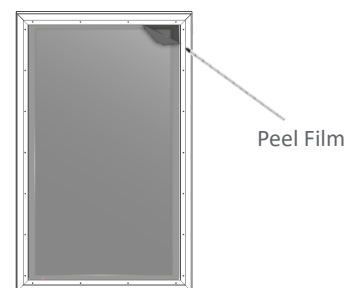
Bottom View of Enclosure



## STEP 11: Remove Front Protective Covering

Figure A

1. Remove the protective coating from the front of the polycarbonate lens (see Figure A). If there is any residue left from the protective coating, be sure to clean using the cleaning instructions on page 3.



## HELPFUL TIPS (PLEASE READ)

1. Adjust your TV setting including contrast, brightness, sharpness and color to higher levels for the best picture in an outdoor environment.
2. Mount the unit in an area that does not get direct sun if possible. If mounting in direct sun or in an area that gets a lot of sun, it is best if you have some type of backdrop in front of The TV Shield PRO. E.g. if you can mount the enclosure where there is a wall in front of it, trees, bushes or any other darker objects it will help with reflection.
3. If you are installing this enclosure in a high traffic area where you are concerned with tampering and potential objects being thrown at the front panel, we recommend placing the TV at least 1" to 1.5" back from the anti-glare front panel. The front clear panel is flexible and will bow in with a severe hit.
4. It is best to get the TV or display as close to the front anti-glare panel as possible. Having the TV or display too far off of the front panel may cause distortion.
5. Use only APPROVED cleaning products (sold on our website) as regular household products may cause streaking or damage to the front clear panel and the powder coated front frame and base plate.

## FLUSH MOUNT INSTALLATION (FOR IF YOU'RE NOT USING AN EXTERNAL MOUNT)

- Read all of the following steps prior to going back to step 6.

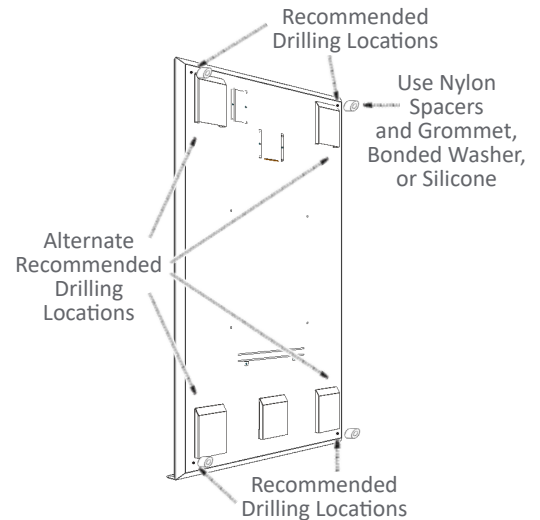
**Note:** The TV Shield *PRO* Portrait is intended to be mounted using a standard VESA wall, ceiling, or floor mount. You can flush mount the enclosure directly to the wall, but it does require professional installation and drilling. The hardware is not provided for this type of mounting and will need to be customer supplied. You are provided (4) 1" x 0.90" nylon spacers for flush mount applications which will sandwich between the outside of the base plate and the mounting surface. Please note that a 1/2" diameter is the max lag bolt size to be used with the provided spacers.

1. Drill holes in the base plate near the outer most edges towards the top and bottom and on the flat surface of the base plate. Drill the hole size to your lag bolt diameter, but no bigger than 1/2" (see Figure A). Then you will measure and drill holes in your mounting surface and install your provided anchoring hardware.

**Note:** You will need to have the ability to install and tighten your lag bolts or hardware after the monitor is installed on the base plate. Making sure your monitor width will not interfere and installing lag bolts at the outer most points is recommended.

2. Go back to Step 6 and follow the instructions.

**Figure A**



## PROGRAMMING INDIVIDUAL PORTS OR DIFFERENT TEMPERATURE THRESHOLDS ON FAN SYSTEM

The fan system is pre-programmed to turn on at 88°F and turn off at 81°F. These instructions are only if you are in need of programming individual or additional fans to a different threshold.

1. The PROGRAM button will program on/off temperatures thresholds. Continue to press the the button to toggle between specific port programming. The indicator lights will blink to the corresponding port(s) being programmed.
2. While in program mode, press START then the UP or DOWN button to set the temperatures threshold that turns the corresponding fans on. Repeat the same process with the STOP button to set the threshold the fans will turn off.
3. The first setting, that programs all the ports simultaneously (all lights blinking), will take priority over individual port programming: set this beyond any thresholds set with the individual settings to avoid overriding individual ports.
4. Continue to press the PROGRAM button until none of the lights are blinking to save.

### Notes:

**Lights Off:** Hold down the UP button for three seconds. Controller will still function properly and turn all lights off.

**Celsius or Fahrenheit:** Press the UP button when not in programming mode to switch between temp types.

**Always on Mode:** Hold down the START and STOP buttons for 3 seconds to toggle the thermal bypass.

## CLEANING INSTRUCTIONS (POLYCARBONATE)

### For Anti-Glare Polycarbonate Front Panel:

The best way to clean polycarbonate is with a specialty cleaning product such as Novus No.1 found on our website at [www.thetvshield.com](http://www.thetvshield.com). NEVER use window cleaning fluids with ammonia (such as Windex or Formula 409), gasoline, denatured alcohol, carbon tetrachloride, or acetone, which will cause the polycarbonate to craze with minute cracks. A mild solution of soap or detergent and water can also be used safely.

Begin by gently blowing away any loose dust or dirt from the polycarbonate's surface. Apply the specialty cleaning product (or soap and water solution) with a dampened non-abrasive/non-contaminating/lint-free soft cloth, microfiber cloth or cellulose sponge. Rinse well with clear, clean water. Blot dry with a chamois, damp cellulose sponge or microfiber cloth to prevent water spotting.

Note: Grease, oil and tar may be removed with a good grade of hexane, naphtha or kerosene. Be sure to wash these solvents off quickly to prevent damage to the polycarbonate.

## CLEANING INSTRUCTIONS (ENCLOSURE)

### Enclosure:

The TV Shield *PRO* Portrait® is manufactured using a heavy duty 16 gauge steel back plate and front frame for strength and rigidity. We use a triple powder coating process to ensure a thick and long lasting product. Although powder coating is an alternative to traditional paint and holds up much better it still does require some maintenance. Below are the instructions to keep your enclosure looking new for years to come.

- Wash your powder-coated item at least once every six months. Dust, dirt and grime can actually eat away at the powder coat and cause it to need refinishing.
- Wipe down the powder coat with a rag that has been dampened with the cleaning solution. Do not scrub (instead use gentle, repetitive pressure to remove any built-up grime and soot).
- Rinse the powder coat off using a rag dampened with clear, clean water. Do not spray it down, but rather wipe it off with the rag. You may need to do this several times to get all the soap off.
- Wipe the powder coat down with a clean rag. This will prevent streaking and spotting.
- The powder coat, when cleaned correctly, will not chip or peel like more conventional paints, as long as it is cleaned regularly.

# Accessories

## Accessories for PEC's Outdoor TV & Display Enclosures



For Hot or Cold Environments with Moisture, Dust & More...

\* CONTACT US TO LEARN ABOUT OUR NEW OUTDOOR TOUCH-SCREEN AVAILABILITY \*

### MOUNTS

#### Flat Mount (Heavy Duty) for 42" to 80"



**Models:** *Easy to Mount*  
**LPMPMDF101H**

**Holds Up to 440 lbs**

This heavy duty flat mount is designed for large flat panel displays (42" to 90") up to 440 lbs. This is the ideal mount for our The TV Shield PRO enclosures due to the weight capacity, powder coated galvanized steel and distance from the wall.

#### Tilt Mount (Heavy Duty) for 42" to 80"



**Models:** *Easy to Mount*  
**TMPMDT101H**

**Holds Up to 440 lbs**

This heavy duty adjustable universal tilt mount is designed for large flat panel displays (42" to 90") up to 440 lbs. The tilt range is -5 to +15 degrees. This is the ideal mount for The TV Shield PRO enclosures due to the weight capacity, galvanized and powder coated steel and anti-theft locking bar.

### Security Lock Kit



**Model:** *Keep Your TV Safe from Theft*  
**PECLOCK1000**

**Lifetime Warranty!**

The PECLOCK1000 adds additional security and protection for your investment. This lock is specially designed to be an anti-theft solution for PEC enclosures! It works with The TV Shield PRO, The TV Shield, The Display Shield and TVs on wall mounts or display furniture. The kit includes 2 steel chassis fittings, 1 four foot EX aircraft cable (superior cut resistant weight), 1 security mounting bracket plate, tamper-proof (one-way) screw and 1 heavy-duty padlock.

- \* Patent Pending
- \* 100% satisfaction guaranteed!
- \* Lifetime warranty!

### Heater

\* Upgraded Heater Options are Available for The TV Shield PRO



This fan forced heater keeps the interior temperature of a unit between 41° F and 47° F (above freezing). It has an in-line thermostat and requires at least 1 1/2" of space between the bottom of the TV and the enclosure in order to be installed.

### Moisture Control Gel Case



This Dehumidifying Silica Gel Case absorbs dampness inside the case and protects anything that can be damaged from rust, mildew, and fungus (the case size is 4" x 2" x 1/2").



## CLEANERS & PROTECTANTS

### Shield Cleaner / Polish / Cleaning Pad Combo Kit



#### Kit Includes:

1. One 8 oz. bottle of PEC Novus #1 cleaner
2. One 8 oz. bottle of PEC Novus #2 polish
3. One cleaning pad

This kit includes PEC's top recommended products for keeping enclosures clean and looking like new.

The Novus #1 cleaner gently cleans all plastics without scratching and leaves a lustrous shine that resists fogging, repels dust, and eliminates static. The cleaner also helps prevent finger marks, contains no abrasives or harsh chemicals and leaves a smooth, clean, greaseless shine.

The Novus #2 polish removes scratches, haziness, and abrasions from most plastics. Use the cleaner repeatedly to restore faded and discolored plastics. The product removes the damage instead of filling it in and buffs out quickly. After restoring, this solution seals with a coat of polish.

*\*Never clean polycarbonate with paper towels because they can scratch the shield!*

### Polycarbonate Shield Cleaner #1 (8oz Spray)



#### Features:

1. Improves finger smear resistance
2. Contains no abrasives or harsh chemicals
3. Leaves a smooth, clean, greaseless shine

This solution gently cleans all plastics without scratching and leaves a lustrous shine that resists fogging, repels dust, and eliminates static.

### Polycarbonate Shield Polish #2 (8oz Bottle)



#### Features:

1. Removes damage instead of filling it in
2. Buffs out quickly
3. After restoring, this treatment seals with a coat of polish

This polish removes scratches, haziness, and abrasions from most plastics. Use the solution repeatedly to restore faded and discolored plastics. A 2oz bottle is also available.

## OUTDOOR AUDIO

### Outdoor Audio Speaker Kit



#### Kit Includes:

1. Pair of 4" dual 3-way black 50Watt RMS/100watt max dynamic indoor & outdoor speakers
2. 20WX2 mini amplifier w/ A/C power adapter
3. RCA cable
4. 20ft high quality speaker cable
5. Self-adhesive Velcro®

This solution will provide better audio than a TV could provide and it far surpasses the sound you would have gotten, giving you the ability to have music or dynamic movie watching experiences outside. Some TVs need a converter for this kit.

### 4" Outdoor Dual 3-Way Speakers

*\* Upgraded Heater Options are Available for The TV Shield PRO*



#### Features:

1. Pair of dual black multipurpose indoor/outdoor speakers
2. 50 watts of RMS power, with 100 watts of peak power
3. 4" woofer, 25mm poly cone midrange, & 20mm piezo dome tweeter
4. Wall-mountable, UV-treated ABS enclosure; mounting brackets included
5. Each speaker measures: 8.25" x 5.25" x 5.25" (H x W x D)

These are great sounding 3-way speakers that work indoors or outdoors with 100 watt peak power handling (they can mount to the unit directly or they can mount to the wall).

### Premium Digital to Analog Audio Converter



#### Features:

1. Converts Coaxial or Toslink signals to analog L/R audio
2. Toggle switch is used to choose Coaxial or Toslink as the input
3. Supports DTS/Dolby Digital audio source
4. Built-in Dolby/DB HD, the DTS HD, LPCM/LPCM with decoding
5. 24-bit S/PDIF incoming bit stream on left & right channels
6. Supports a full range of 32k, 44k, 1k, 48k, 64k, 88.2k, 96k, 192k
7. Power Supply: 5V DC

Some TVs need this item for the audio kit system to work. TVs that don't have RCA or 3.5mm headphone outputs need this Dolby Digital approved, UL listed converter.

### Mini Stereo Amplifier (Analog Inputs)



#### Features:

1. 2 channel
2. 3.5 input for iPod or any other MP3/MP4 device
3. Separate bass & treble controls
4. Aluminum alloy case
5. Input power: DC 9- 14.4v 2A
6. Input impedance: 47k
7. Frequency response: 20Hz-20 kHz
8. Speaker impedance 2-8ohm
9. Harmonic distortion: <0.4%
10. SNR >80db
11. Size: 6.02" x 3.74" x 1.5"
12. Two 10ft high speaker cables

This Amp allows you to listen to music easily and includes power supply, volume control, a pair of RCA cables and an RCA Input to plug into your TV.

**Call 1-800-331-2628 or Visit [www.thetvshield.com](http://www.thetvshield.com) to Order**

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## **The TV Shield *PRO* Portrait® Limited Product Warranty**

This limited warranty is provided by Protective Enclosures Company, LLC for The TV Shield *PRO*® product(s) identified by the purchaser's registration as indicated below. This limited warranty is between Protective Enclosures Company, LLC and the registered purchaser of the product. There are no other warranties, express or implied, except as required by law, including warranties of merchantability and fitness for a particular purpose, that are provided for herein; however, all such implied warranties, if any, are limited to the duration of this specific limited product warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

### **The TV Shield *PRO* Portrait® Limited Product Warranty:**

- \* 5 Year Limited Warranty on the front frame and steel back plate.
- \* 2 Year Limited Warranty on the anti-glare polycarbonate or polycarbonate front shield (cover/panel/window) against cracking or breaking with normal consumer use. This warranty does not cover any scratches or damage caused by abuse or abnormal use; it only covers against discoloring, cracking, yellowing, or breaking of the polycarbonate or polycarbonate front shield.
- \* 2 Year Limited Warranty on product failure or quality of workmanship and on all other components against any manufactures defects.

This is a limited warranty, subject to the conditions, limitations and exclusions identified herein. Protective Enclosures Company, LLC warrants to the original purchaser of the registered or identified product for a period of time listed above, from the date of purchase, that the product shall be free of defects in materials, and workmanship, and subject to the limitations set forth below; Protective Enclosures Company, LLC will repair or replace, at its option, any defective unit. Protective Enclosures Company, LLC hereby warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, prove to be defective in material or workmanship within the time frame from the original purchase specified above, such defect(s) will be repaired or replaced with a new or reconditioned product (Protective Enclosures Company LLC's option) without charge for parts and repair labor. Purchaser must return the product to Protective Enclosures Company, LLC, (return receipt requested) or by other means that confirms delivery and Protective Enclosures Company, LLC shall make the said repairs or replacement within 60 days of receipt. In some instances the product may have been discontinued and cannot be replaced, or repaired. In that instance Protective Enclosures Company, LLC shall in its discretion attempt to replace the product with a substantially similar product in a current model or design or pay the purchaser a sum for the then fair market value of the product, considering the amount of depreciation since sale, and the use of the product. This Limited Warranty is the original retail purchaser's sole remedy for any and all such defect(s).

### **Conditions and Limitations:**

Proof of purchase is required (i.e. the sales receipt or other proof of payment). Damage caused by accidents, abuse, misuse or modification of the product will render this warranty null and void. This warranty is applicable only to the original purchaser and is not assignable or transferable. To obtain repairs or replacement under the terms of this warranty, please contact Protective Enclosures Company, LLC at 1-800-331-2628 or visit [www.protectiveenclosures.com](http://www.protectiveenclosures.com). You will need to provide proof of purchase (dated receipt showing where the item was purchased) and the product part number in order to receive warranty service. The purchaser is required to send the product back to Protective Enclosures Company or to a designated repair center and the purchaser is responsible for all charges for shipping and handling.

**This Limited Warranty does NOT cover:**

1. Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, theft or attempted theft, vandalism, improper installation, lack of reasonable care, unauthorized repair or service, or if the model or serial number has been altered, tampered with, defaced or removed.
2. Loss or damage caused by the use of unauthorized cleaning products or methods that damage or destroy the product.
3. Initial installation or the removal and re-installation of the product.
4. Cosmetic damage, an act of God, or natural disaster.
5. Products modified or used for any purposes other than for those which the product is specifically designed.
6. Damage that occurs in shipment (the third party shipping service is responsible for any shipping damages).

**The company reserves the right to remedy any minor defects in defective units by replacing defective, inoperable or missing parts rather than offering a refund or exchange.**

Protective Enclosures Company, LLC, or any subsidiaries, shall not be liable, under any circumstances, for incidental, indirect, special, and consequential or multiple damages as a result of the sale or use of this The TV Shield *PRO*® product. Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

THE EXTENT OF PROTECTIVE ENCLOSURES COMPANY, LLC'S LIABILITY UNDER THIS WARRANTY IS LIMITED AS PROVIDED ABOVE AND, IN NO EVENT, SHALL THE LIABILITY OF PROTECTIVE ENCLOSURES COMPANY, LLC EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL RETAIL PURCHASER FOR THE PRODUCT.

**Any questions regarding this warranty should be addressed to:**

Protective Enclosures Company, LLC  
The TV Shield | The Display Shield | The TV Shield *PRO* | The TV Shield *PRO* Lite  
ATTN: WARRANTY DEPARTMENT  
277 Douglas Avenue, Suite 1012  
Altamonte Springs, Fl. 32714  
USA  
800-331-2628 Toll Free

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No person or representative is authorized to assume for Protective Enclosures Company, LLC any liability other than expressed herein in connection with the sale of this product. Some jurisdictions do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.



## REFUND/RETURN POLICY

We offer a **30 Day Money Back Guarantee** on all unopened, unused and/or undamaged units. The unit must be unaltered and it must have the protective covering(s) on the front panel and be undamaged and in original new condition. A 10% restocking fee applies and all refunds will be minus the actual shipping charges to and from Protective Enclosures Company.

**Upon acceptance and processing of the return/refund, all funds will be returned to the original method of payment (minus all fees).**

After 30 days, and up to 90 days from the date of the purchase, if you are not happy with The TV Shield *PRO*® enclosure, and have opened it, you can return it for a refund, less actual shipping charges to and from Protective Enclosures Company. The unit(s) must have protective covering(s) on the front panel and be undamaged and in original new condition. Due to the nature, size and logistics in inventory management and distribution, our restocking fee after 30 days, and up to 90 days, is 25% and applies to all opened / new non defective The TV Shield *PRO*® enclosures.

**All refunds will be returned to the original method of payment minus all fees and will be processed on our end within 10 business days (excluding weekends and holidays).**

Protective Enclosures Company DOES NOT accept returns on units that have been drilled, scratched, damaged, abused or have had the protective coverings taken off of the front panel, as they cannot be resold as new products. If you have made a mistake when drilling or mounting The TV Shield *PRO*®, although we will not accept a return within terms, we do have several remedies available to you to help you repair the “damaged” area and still be able to use your unit. Please call our customer service department for help at 1-800-331-2628 which is toll free, anytime during normal business hours which are between 9:30am and 6:00pm Eastern Standard Time, Monday through Friday.

### LIMITED WARRANTY

**Protective Enclosures Company, LLC – The TV Shield *PRO*® Limited Warranty – Valid in the United States and Canada**

#### **Protective Enclosures Company, LLC**

The TV Shield | The Display Shield | The TV Shield *PRO* | The TV Shield *PRO* Lite  
277 Douglas Avenue, Suite 1012  
Altamonte Springs, Fl. 32714  
800-331-2628 Toll Free

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**Protective Enclosures Company**

277 Douglas Avenue, Suite 1012

Altamonte Springs, Fl. 32714

1-800-331-2628

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