

# TOS BRIDGE PHOTOETCH SET

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PGX178

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## INTRODUCTION

Thank you for purchasing ParaGrafix's photoetched enhancement set for the AMT Star Trek: The Original Series Bridge kit. This set includes all of the control panels for the full "in the round" re-release, but can also be used with the original, partial kit that has been available for years.

Note that the old decals do not match this photoetch set as it was specifically designed in conjunction with the new decals designed by Will Smith of TOSgraphics.com. If building the old kit you will need to fill and paint the buttons individually.

We have made every effort to ensure that these parts can be used successfully by a modeler of modest experience, but there may be items that require advanced modeling techniques. For a basic primer on the use of photoetch, please visit [http://www.starshipmodeler.com/tech/jl\\_pe.htm](http://www.starshipmodeler.com/tech/jl_pe.htm) and other resources available on the web.

### Materials

In addition to the photoetch, you will also need scissors or a knife\* to remove individual pieces from the main fret, a file to remove material left from cutting, and super glue (aka CA or cyanoacrylate).

TIP: Fill the buttons' holes with Micro Krystal Klear, then add a small dot more after it has dried to enhance the "3D-ness" of the buttons. If building the old release and lighting it, you can tint the MKK to color the buttons.

\* We prefer a #17 Xacto chisel blade.

\*\* Extreme care must be taken when using razor blades. Risk of serious injury.

### Key

Kit part (plastic):  1

Photoetched part:  1

## MAIN PANELS RAISED DETAIL

Remove the raised button details from the main screen, helm/navigation, and captain's chair (kit parts 16, 3A, 4A, and 5) to allow the etch to fit properly.

### INSTALLATION

**NOTE:** Each control panel is lettered/numbered to match the updated kit decals. Use the key to the right if you are building the original release.

Use the included paper templates to mark the position of each panel. The key at right shows how the communications panels, switches and data card holders go.

You can easily light the panels of the updated kit without modification because of the thin, white plastic. If you are using the old version (or want extra bright buttons) use the light printouts of the buttons to determine where material must be taken away.

**NOTE:** It's generally easier to remove large sections of the plastic (and provides better lighting) rather than trying to replicate each buttons' location.

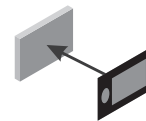
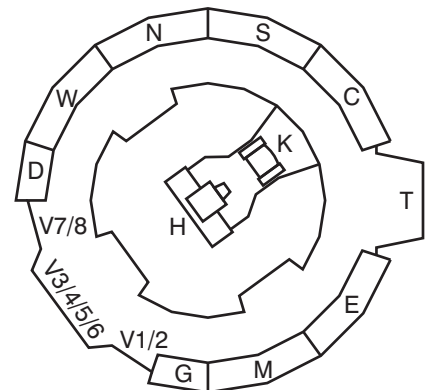
Adhere the appropriate photoetched part into position. **Make sure to keep them face up (don't switch sides) or the kit decals won't fit properly.** Paint the console before applying Micro Krystal Klear or applying decals.

The illustration at right shows an example of the template and photoetch going in place. All of the remaining seven stations are done the same way – match up the station with its lettered companion PE and template.

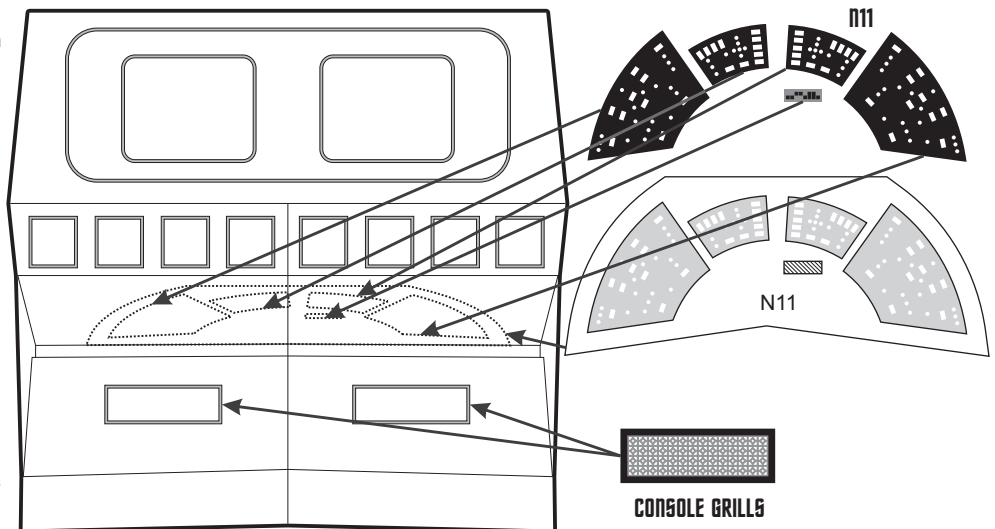
**Intercoms:** You can enhance the intercoms by mounting them to a piece of 1/32" plastic sheet and attaching them vertically to the consoles.

## CONSOLE GRILLS

Remove the raised detail from each console grill area and replace with the photoetched grills. For added authenticity you can remove the plastic from the side area of the grill location to match the full sized set.



Comm.   
Switches   
Data



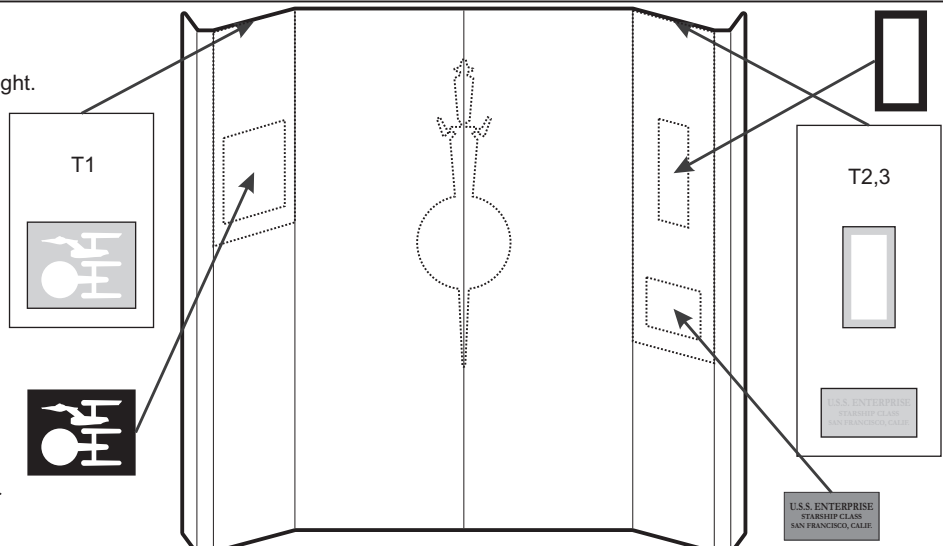
## TURBOLIFT ALCOVE

Align templates T1 and T2,3 as shown at right.

Plastic behind the system status map (T1) and alert lamp (T2) can be removed for lighting. Attach the corresponding photoetch piece before painting.

**TIP:** The registration plaque (T3) can be left unpainted for a true brass appearance. If you decide to do this, paint the alcove first, but mask most of the area where the plaque will go so it can be glued to raw plastic.

**NOTE:** You can add the Mirror Universe insignia to the door. Two versions are included – a single insignia and one that's split in half that can be positioned on either side of the door's split.

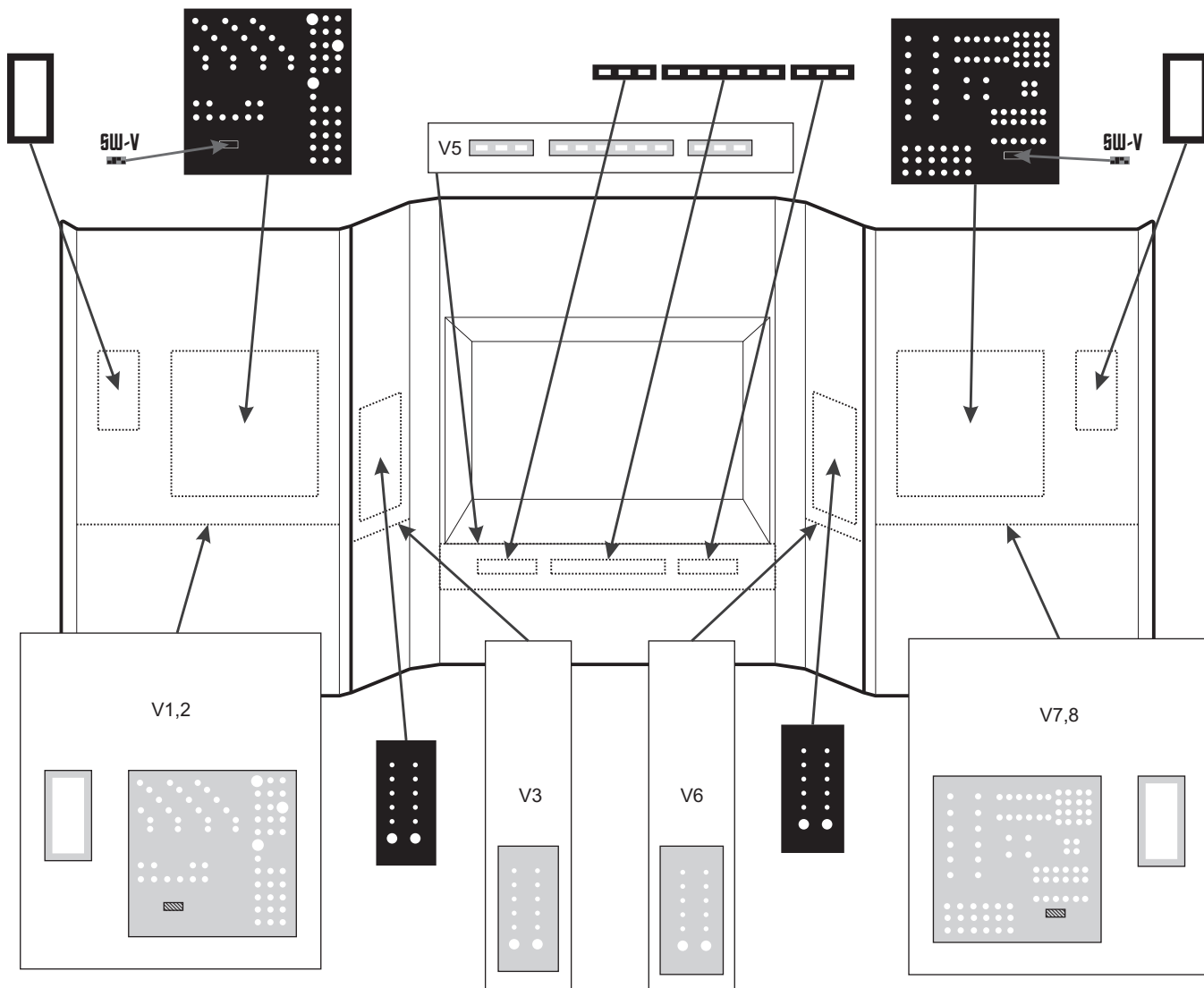


## FORWARD VIEW SCREEN & SIDE PANELS

Remove the raised detail below the main view screen (kit part 16).

Use the templates to set the positions of each panel, aligning the templates to the tops of the kit parts. As with the control panels, plastic can be removed from the kit to aid in lighting if desired.

**NOTE:** Technically the sensor scan display (V5) should be located on the lower angled portion instead of the vertical wall. However, the kit piece has bad proportions and it may not look best if you mount it there.

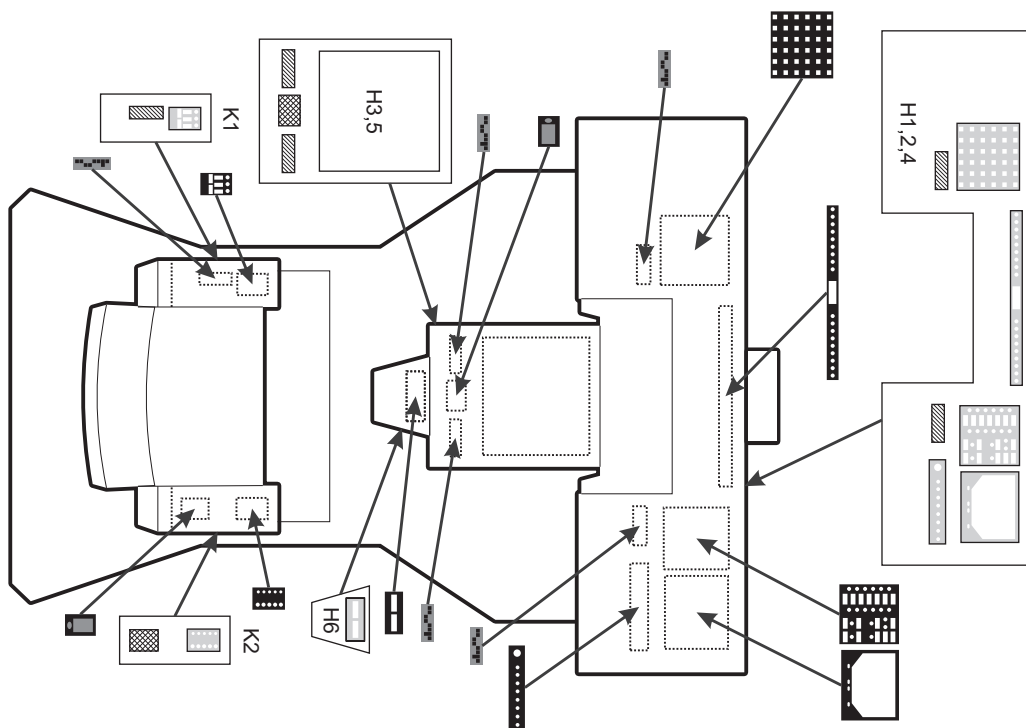


## CAPTAINS CHAIR & HELM

Remove the raised detail from the captain's chair's armrests (3A), the navigator control board (5), and the helm & navigator control board (4A).

Position the templates as shown and attach photoetch in the locations indicated.

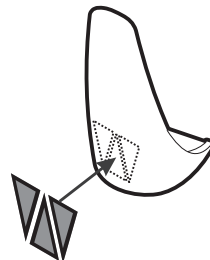
**NOTE:** Etch parts K1 and K2 are not identified on the photoetch fret. They are located directly above H4-2.



## CHAIR BACKS

Attach 3 chair back triangles to each chair with 1/64" (0.016", 0.4mm) spacing between them and approximately 1/16" (0.06", 1.5mm) from the base.

Although only 6 chairs are included with the kit, we have included 10 sets of triangles so that you can do all 8 chairs, plus have some extras.



148 Rocklawn Ave.  
Attleboro MA 02703 USA  
+1 508-431-9800  
www.ParaGrafix.biz

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