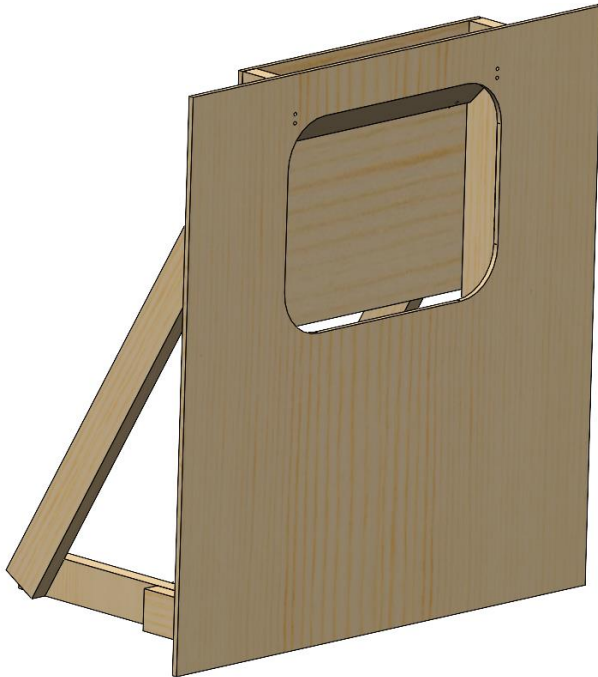


## TE-24100 AMP



**Description:** This is an Amp, designed so that teams can practice scoring game pieces.

### FILES INCLUDED

In this compressed folder, you will find all of the drawings, CAD Files and STEP Files for this design.

**Drawings:** For your convenience, all drawing files have been exported to PDF Format. Each major field assembly will have both assembly drawings and component drawings.

**CAD Files:** All SOLIDWORKS files required to build or modify the assembly.

**STEP files:** STEP files of the assembly are included for the convenience of non-SOLIDWORKS users.

### SHOPPING LIST

Plywood and Lumber (Example Cut List is at end of Readme):

- 2" x 4" x 8' Lumber – 3 Pieces
- 4' x 8' x 1/2" Thick Plywood – 1 Sheet

Hardware:

- #8 Wood Screws x 2.5" long – Approximately 16 Pieces
- #8 Wood Screws x 1" long – Approximately 10 Pieces
- 50lb Cable Ties – 4 Pieces

NOTE ON HARDWARE: All wood screws can be replaced with nuts and bolts of your choosing to make the design easier to disassemble and store. If this is not a concern for your team, wood screws will make for a sturdier assembly.

OTHER NOTES:

TE-24101 can be a tricky part to make depending on what tools are available. This part can be split into multiple panels to be broken down into simpler cuts.

### Notes about materials:

- Plywood and Hardboard Sheets – quality of plywood is up to the user. Plywood of lower qualities may contain voids and may warp more than high quality plywood. All dimensions listed are "nominal". For example, 1/2" plywood is typically 15/32".

- Lumber - quality of lumber is up to the user. Please keep in mind that lumber of lower qualities may warp more than high quality lumber. All dimensions below are the “mill cut” dimensions. For example, 2” x 4” lumber is really 1½” x 3½”.

**Example Cut List (All units are Inches):**

**2x4 Lumber:**

Layout ID	Repetition	Stock length	Part length / Label	Qty	Cuts in layout
A	2X	96"	47 3/4" / TE-24102	2	The number of cuts 2
B	1X	96"	23 3/4" / TE-24103	2	The number of cuts 6
			11 1/2" / TE-24105	4	Waste Material remnant 1 3/4" Cut 3/4"

**1/2” Plywood:**

Cutting layouts

Layout ID	Repetition	Stock dimensions	Panel	Qty
A	1X	96" x 48"	22 1/4" x 27" / TE-24104	1
			23 3/4" x 4 1/4" / TE-24106	1
			46" x 48" / TE-24101	1
			Cuts in layout	
		The length of cuts	150"	
		The number of cuts	5	