

# Do I Yourself GAMERBOARD A2 / A1

<http://www.gamerboard.at>

## Shopping List

It is possible that you can find some components at a lower price.

A2-Board: Component	Price app.	Shipping Costs app.
Holding frame A2, 32 mm, synthetic back	20,00	4,50
Ferrous sheet	13,00	4,50
or		
Holding frame A2, 32 mm, iron back	29,00	4,50
Whiteboard sheet ) <sup>1</sup>	12,00	4,50
1 Grid sheet ) <sup>1</sup>	10,00	4,50
Hardboard (3 mm) to reinforced the back ) <sup>1</sup>	4,00	0,00
Felt	3,00	4,50
	58,00	18,00
<b>TOTAL 41,00 to 80,00</b>		

)<sup>1</sup> Optional component

A1-Board: Component	Price app.	Shipping Costs app.
Holding frame A1, 32 mm, synthetic back	32,00	4,50
Ferrous sheet	18,00	4,50
or		
Holding frame A1, 32 mm, iron back	41,00	4,50
Whiteboard sheet ) <sup>1</sup>	12,00	4,50
1 Grid sheets ) <sup>1</sup>	15,00	4,50
Hardboard (3 mm) to reinforced the back ) <sup>1</sup>	6,00	0,00
Felt	3,00	4,50
	77,00	18,00
<b>TOTAL 44,00 to 95,00</b>		

)<sup>1</sup> Optional component

## Detail Information for Components

### Holding Frame

It is essential that the frame is 32 mm wide and about 20 mm high. Smaller frames have turned out to be not robust enough for a Gamerboard. The frame should have



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an iron back. A plastic back covered with ironsheet will do as well.

### Advantage of Do-It-Yourself

- You can chose whatever color you like.

### Disadvantage of Do-It-Yourself

- The time you need to get this thing.

## Whiteboard-Back

When the holding frame has a synthetic back you need a whiteboard-covered ferreous sheet to make the magnets stick. Please note: Not all white ferreous sheet have a whiteboard-cover. If you get the wrong sheet drawing will not be erasable. If the sheet is not self-adhesive you need double-sided tape. If the back is made of iron you only need a self-adhesive whiteboard-cover.

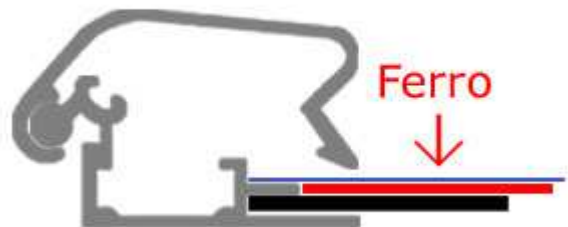


### Advantage of Do-It-Yourself

- You can choose a colored whiteboard-cover if you like.

### Disadvantage of Do-It-Yourself

- It is not easy to apply the sheet bubble-free.
- The time you need to get this thing.



The back does not have to be whiteboard-covered. A white back in combination with the transparent cover sheet also make a whiteboard.

## Grid Sheets

Usually you cannot make the grid sheets for a A2 or A1 board yourself. You will have to buy them somewhere or design them and order them at a print-shop. Templates for the grid you can find on the internet or you make them yourself with some graphical software.



### Advantage of Do-It-Yourself

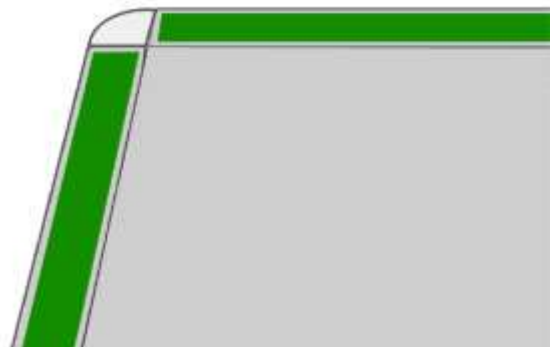
- You can create your own individual grids.

### Disadvantage of Do-It-Yourself

- You have to find a print-shop that prints on transparent sheets.
- The print is very expensive.
- It is not easy to get the dimension of the grid right. If you get it wrong one or two times the costs for the grids will explode..
- The time you need to get this thing.

## Felt

The holding frame usually is made of aluminium. So the bottom side must be taped with self-adhesive felt. An aluminium frame can easily scratch soft surfaces and will make abrasion marks on hard surfaces. The felt should be as thin as possible, otherwise the board will sag in the middle.



### Advantage of Do-It-Yourself

- You can choose the color of the felt.

### Disadvantage of Do-It-Yourself

- Not every paper store in your vicinity has self-adhesive felt. Probably you have to order it via internet. This may get a little expensive.
- Felt with a size over 40 cm is hard to get.
- The time you need to get this thing.

## Magnetic Buttons or Pawns

The magnetic buttons have to be strong to stick on the board and on the other side they must not attract or push each other apart when standing close to each other on the board.

For example it turned out to be best if magnets with a diameter of 5 mm keep a distance of at least 10 mm. So the button or magnetic pawns have to be constructed correspondingly. Otherwise you cannot place the buttons or pawns close to each other on the board. It took us very long to get adequate buttons.

Ideal: 10 mm  
Minimum: 6 mm



### Advantage of Do-It-Yourself

- You can choose the color and shape you like.

### Disadvantage of Do-It-Yourself

- It can take some bad buys to find fitting magnetic buttons.
- The time you need to get this thing.

## Construction Manual

- Sometimes you have to file off the frame at the corners to stop the frame-parts from dragging on the synthetic corners.
- Cut to size the whiteboard- and the ferreous sheets. Take care that there are no bubbles enclosed. For non-self-adhesive sheets use double-sided tape.
- Cut hardboard to size. Turn frame face down and lay hardboard on it. Drill three holes at each side of the frame into hardboard and frame. Fix hardboard to frame with screws and screw nuts or with rivets.
- Cut the felt to size and glue it to the back of the frame.
- Mark the upper side (this is the smooth side) of the transparent cover sheet.