CC-218 DIVERSITY Design

2023/11/26
2024/07/10

Finish

Contents

- Wood Panel
- Lids
- Back Panel
- Front Panel
- Knobs

Wood Panel - PN1 Wood Base

*** Tools**

Sander
(Ryobi S-5000)

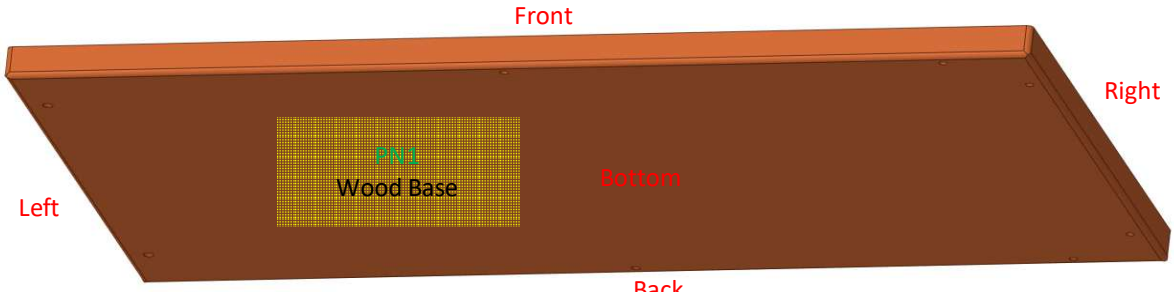
Water paint - brown
(Kanp Hapio nuro)

Paint brush
for Water paint - 15mm

*** Preparation**

Sand PN1 w/ sandpaper #150.

*** Painting**



Paint all the sides but the top

Lids

*** Tools**

Primer-surfacer for car paint
(Soft99 Body Pen Primer/surfacer)

Silver metalic spray for car paint
(Soft99 Body Pen F-731)

Clear spray for car paint
(Soft99 Body Pen Clear)

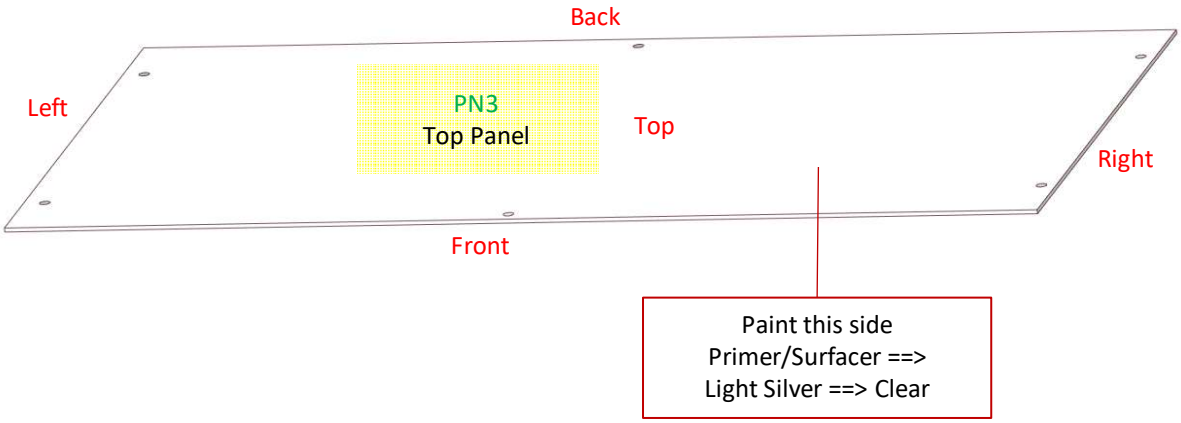
Polishing compound
(Soft99 Rubbing Compound)

Wax
(Soft99 Auto Wax for metalic paint)

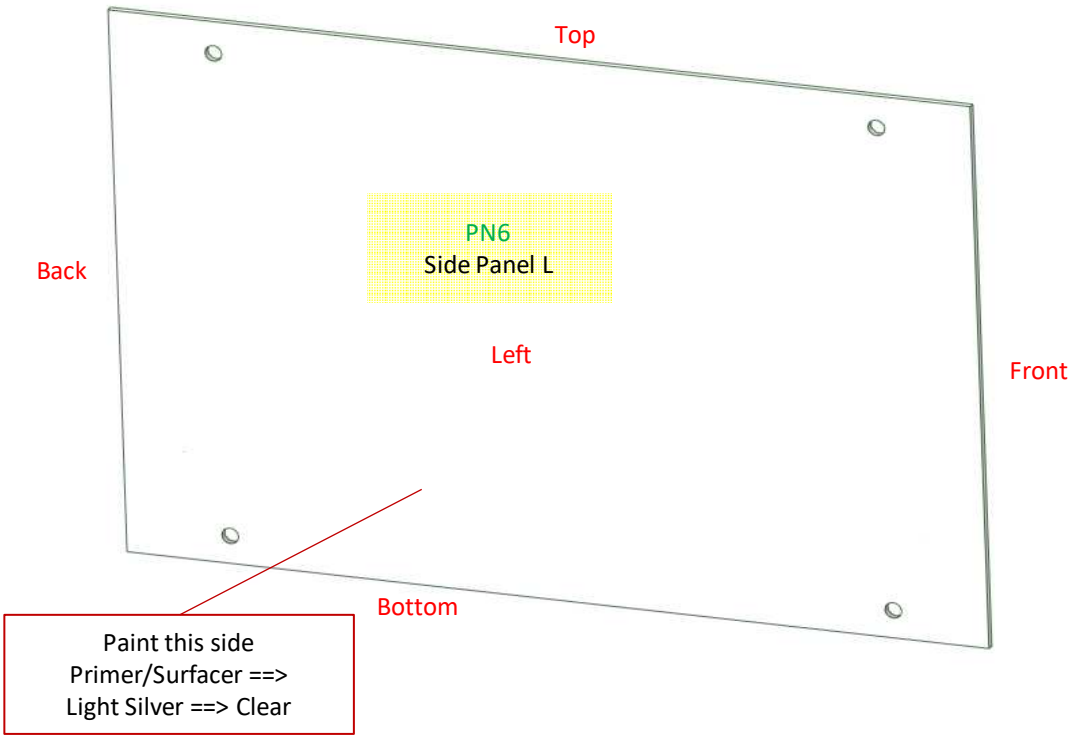
*** Procedure**

1. Remove the protect film off the panel immediately before painting.
2. Spray Primer/Surfacer and spray it once more 10min after.
3. 10 min. after the Primer/Surfacer was sprayed, spray Light Silver three (3) times with 10min. interval.
4. 3 min. after the Light Silver was sprayed, spray Clear four (4) times with 10min. interval.
5. A few days after the Clear was sprayed, polish the painted surface w/ compound.
6. Wax the painted surface.

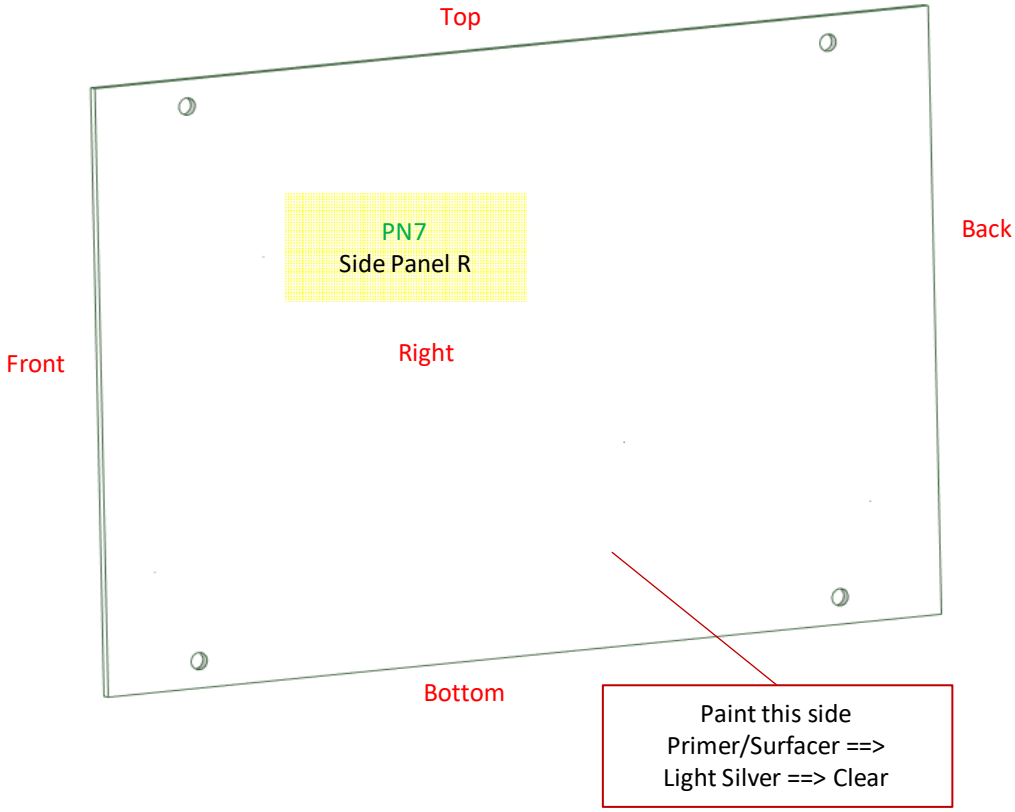
*** PN3 - Top Panel**



*** PN6 - Side Panel L**

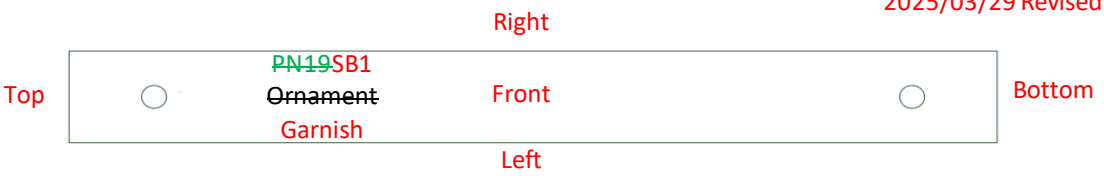


*** PN7 - Side Panel R**



*** ~~PN19 - Ornament~~ SB1 - Garnish**

2024/01/17 added
2025/03/29 Revised



Back Panel

*** Tools**

Marker pen - black
(Zebra Mackie - black)

Punch
(DAISO Leather Punch 8mm)

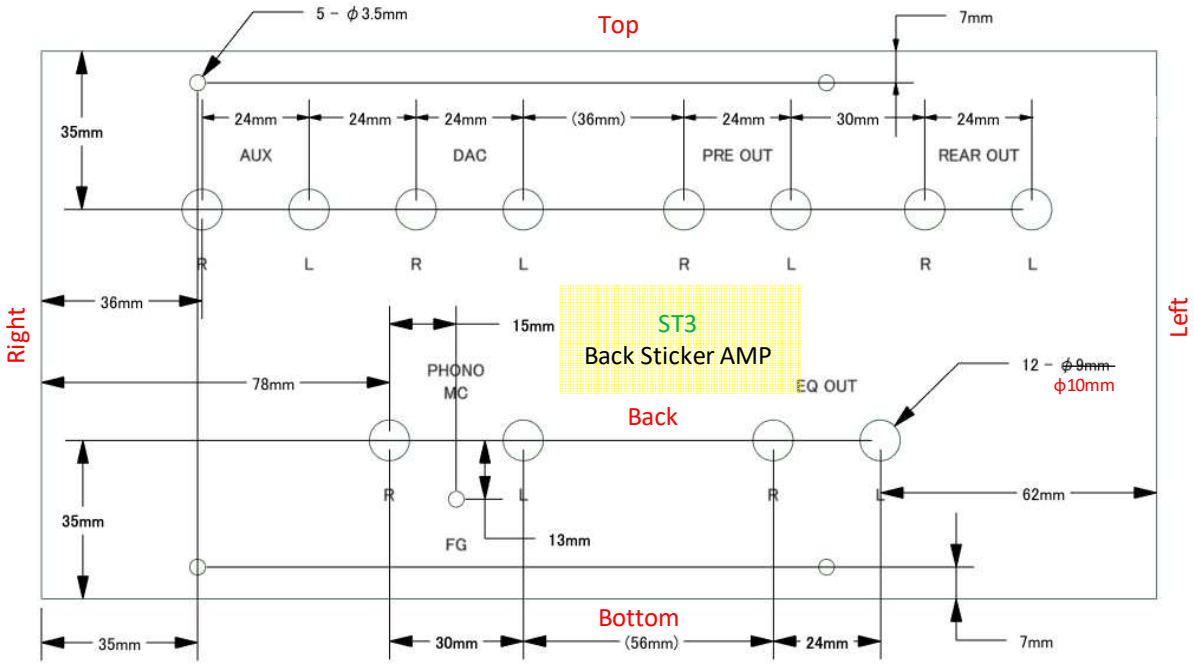
Cutter
(Olfa -)

Printable sticker
(A-one 28874N)

2024/05/12
Reference designator for sticker has been changed from SKn to STn.

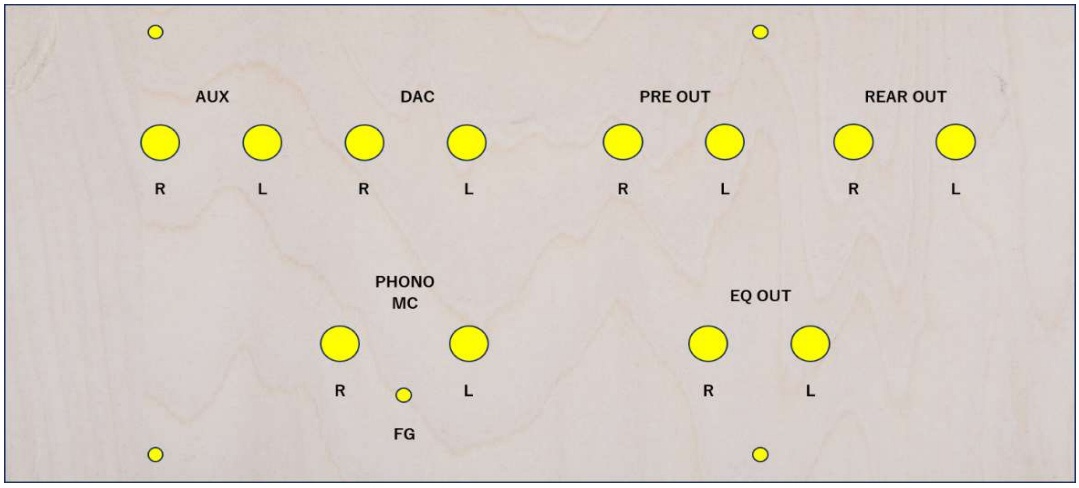
*** ST3 - BackSticker_AMP**

1. Create sticker on PowerPoint. (For how to create it, see the description of ST4)
2. Save the sticker image as "SK3_BackSticker_AMP_xxx.pnp" (xxx: name of material, e.g. sino, marble, etc).
3. Print the sticker image on A-one 28874N w/ printer.
4. Cut out the holes colored yellow (Phi3.5mm x5 and Phi9mm x12) in ST3 w/ punch and cutter

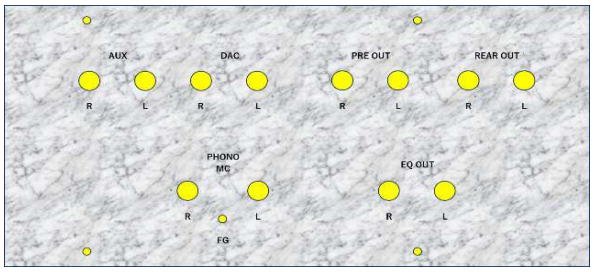


Dimension of ST3: ~~250 x 121mm~~ 260.5 x 118mm

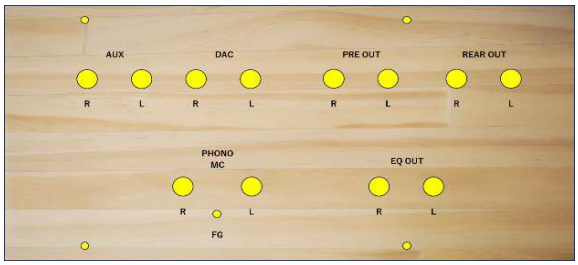
Plan-A



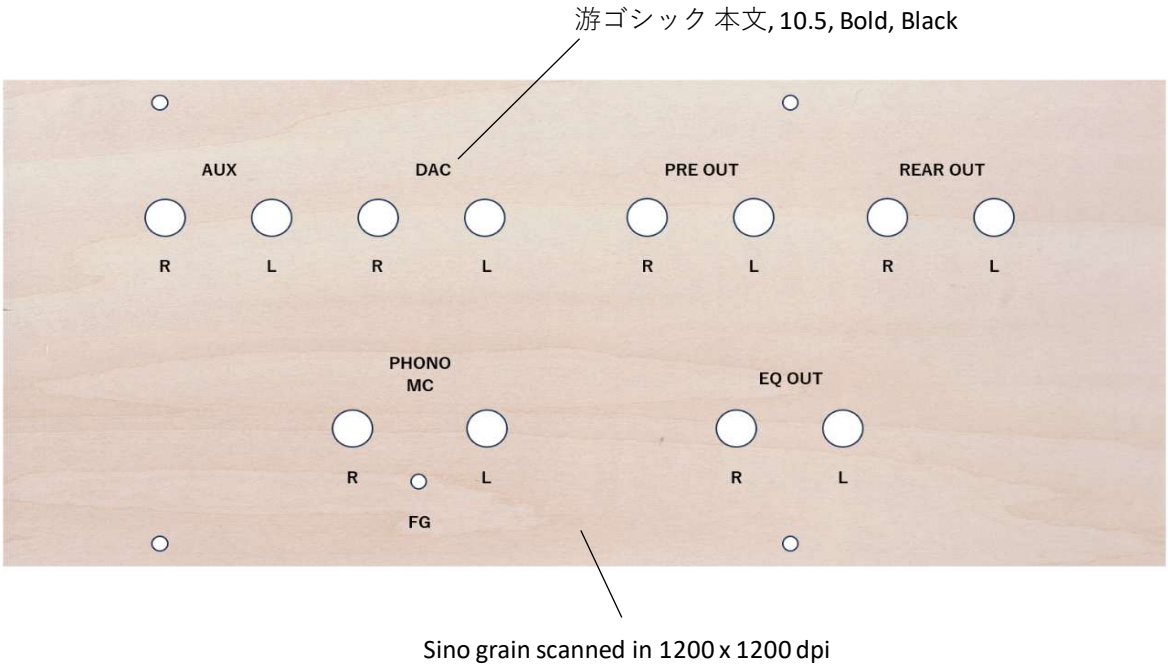
Plan-B



Plan-C

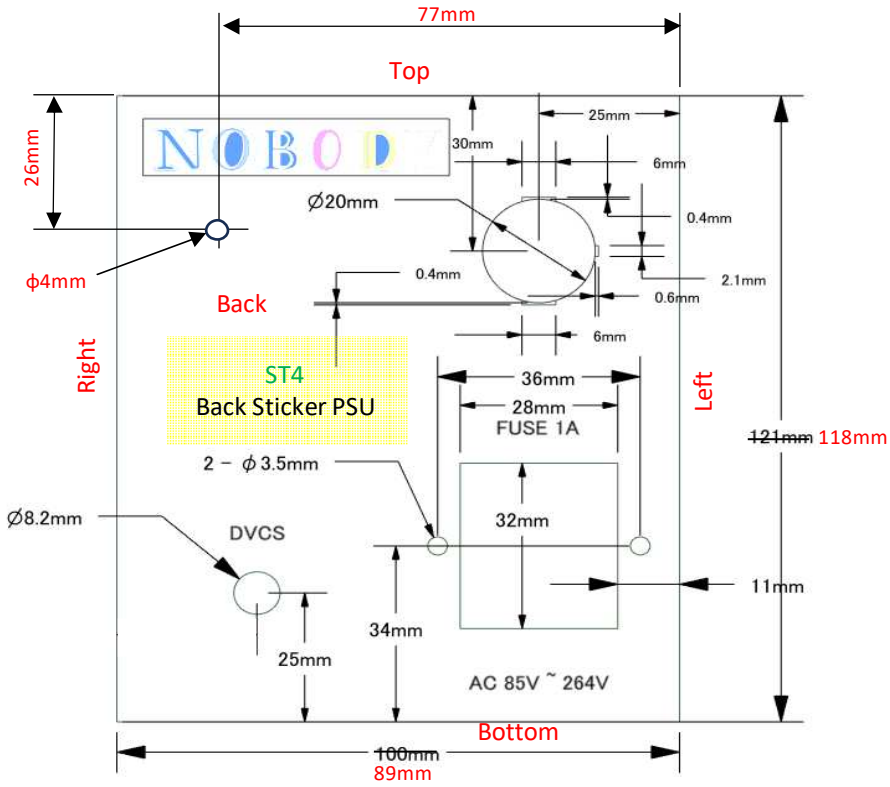


Final design

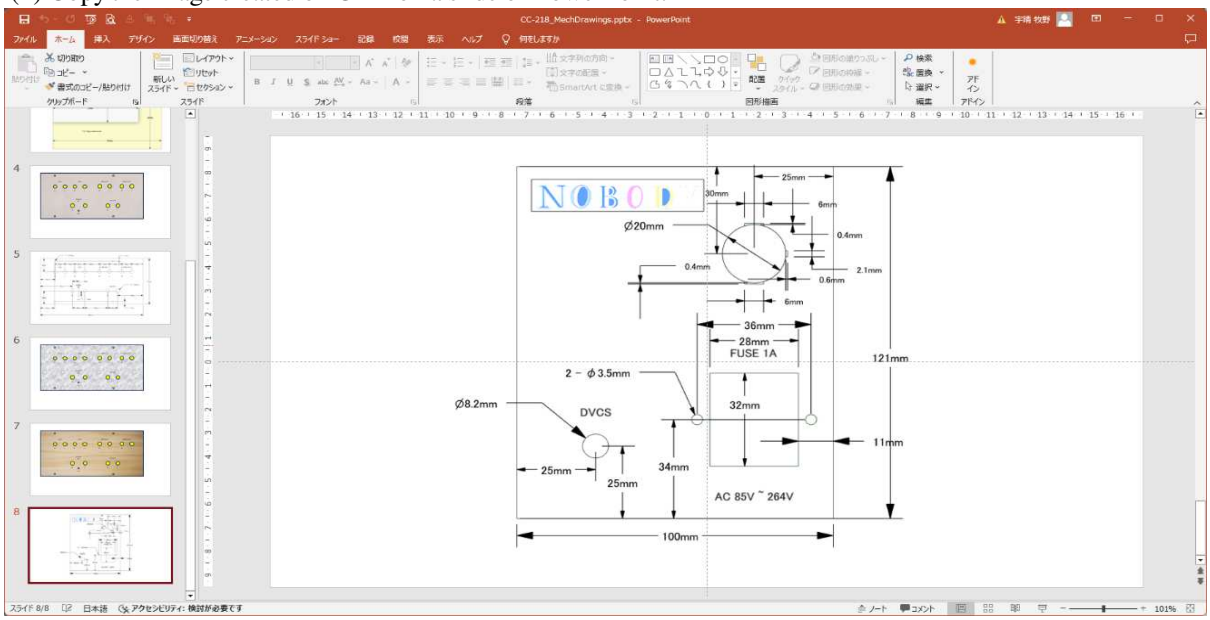


*** ST4 - BackSticker_PSU**

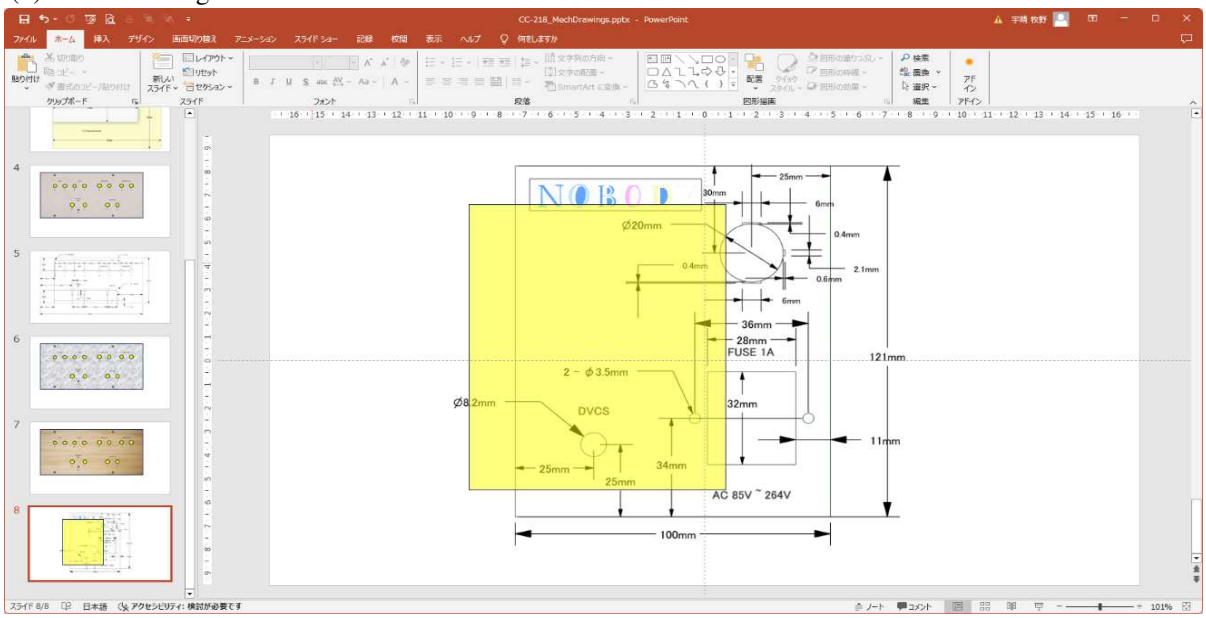
1. Create sticker on PowerPoint.



(1) Copy the image created on CAD on a slide of PowerPoint.

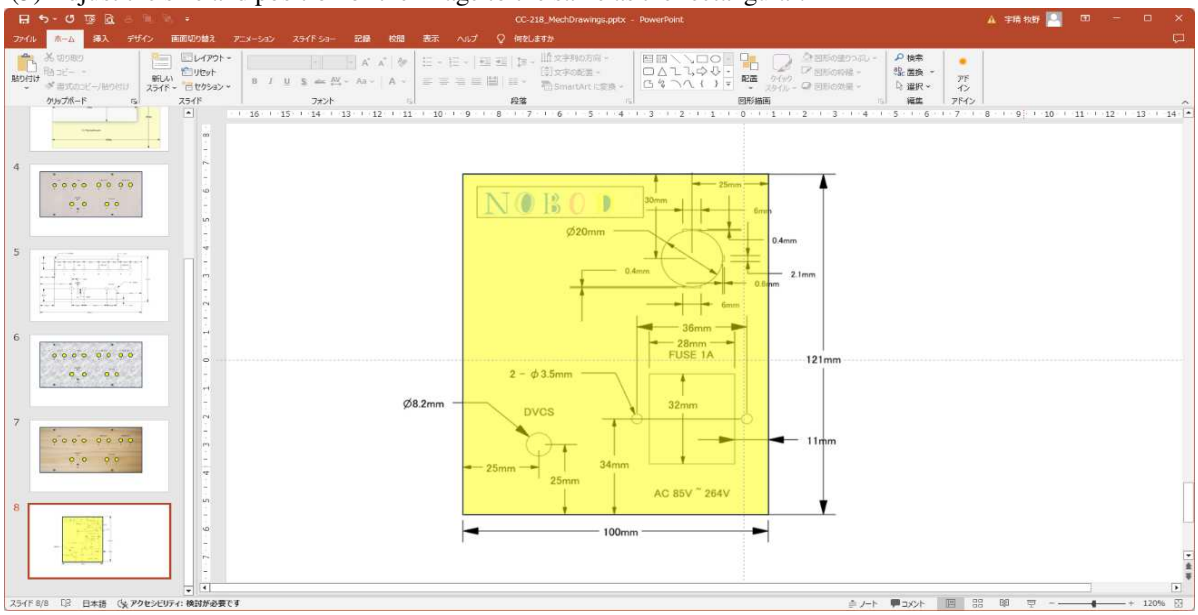


(2) Make a rectangular of the same size as the sticker.

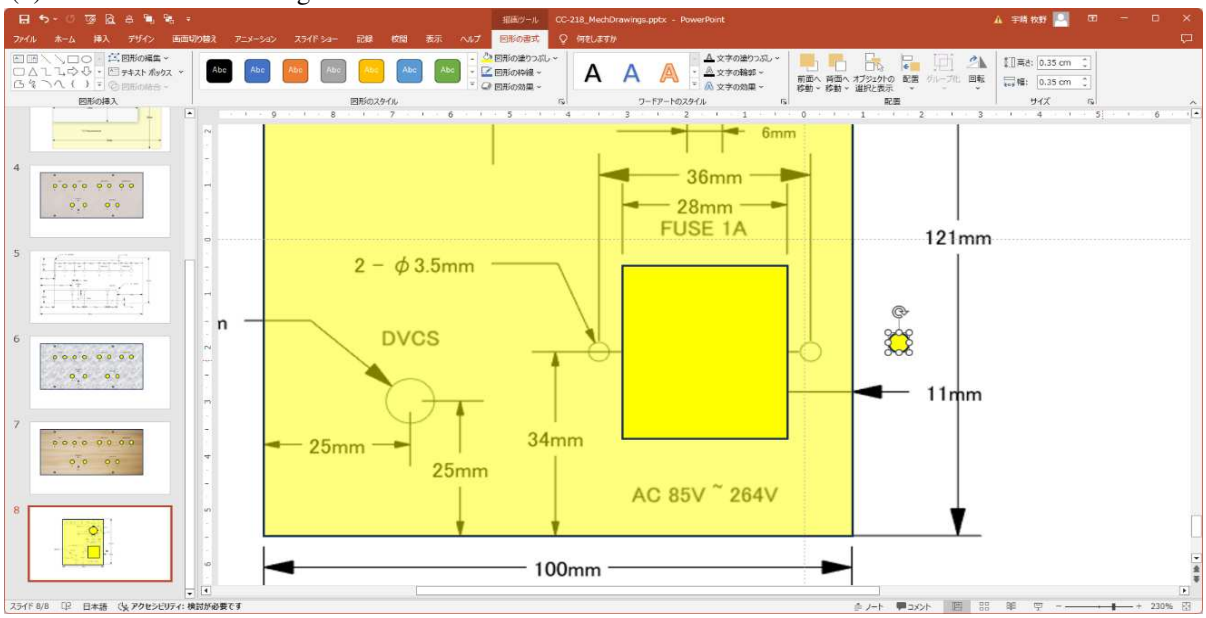


Color the rectangular yellow with the transparent of 50%.

(3) Adjust the size and position of the image to the same as the rectangular.

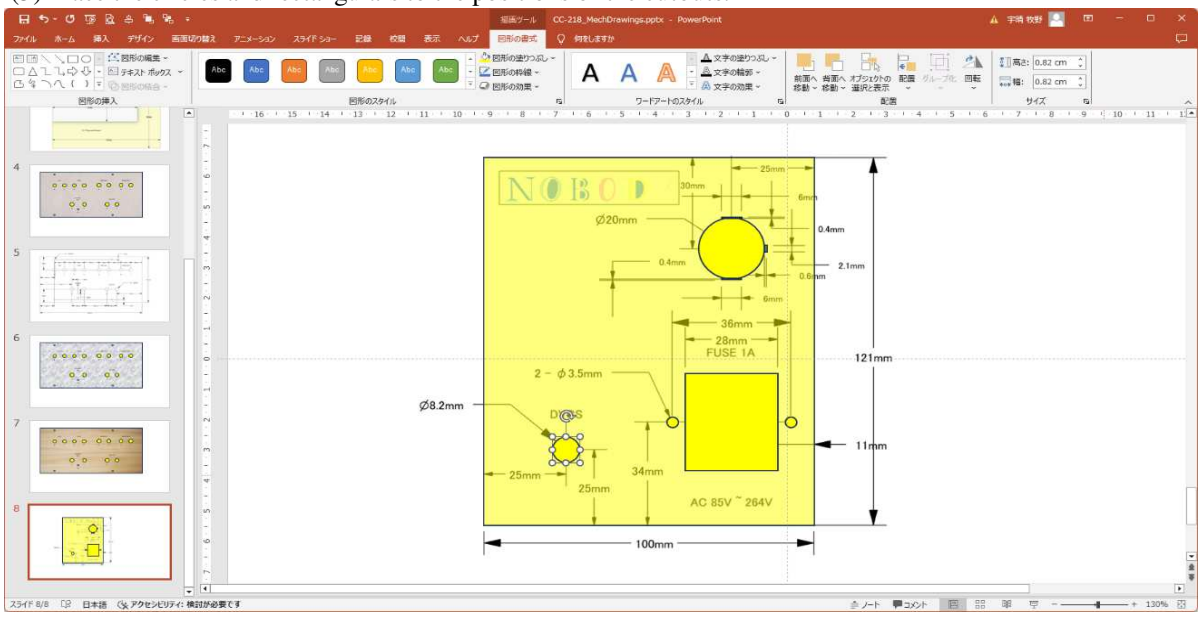


(4) Make circles and rectangulars whose sizes are the same as the cutouts of the sticker.

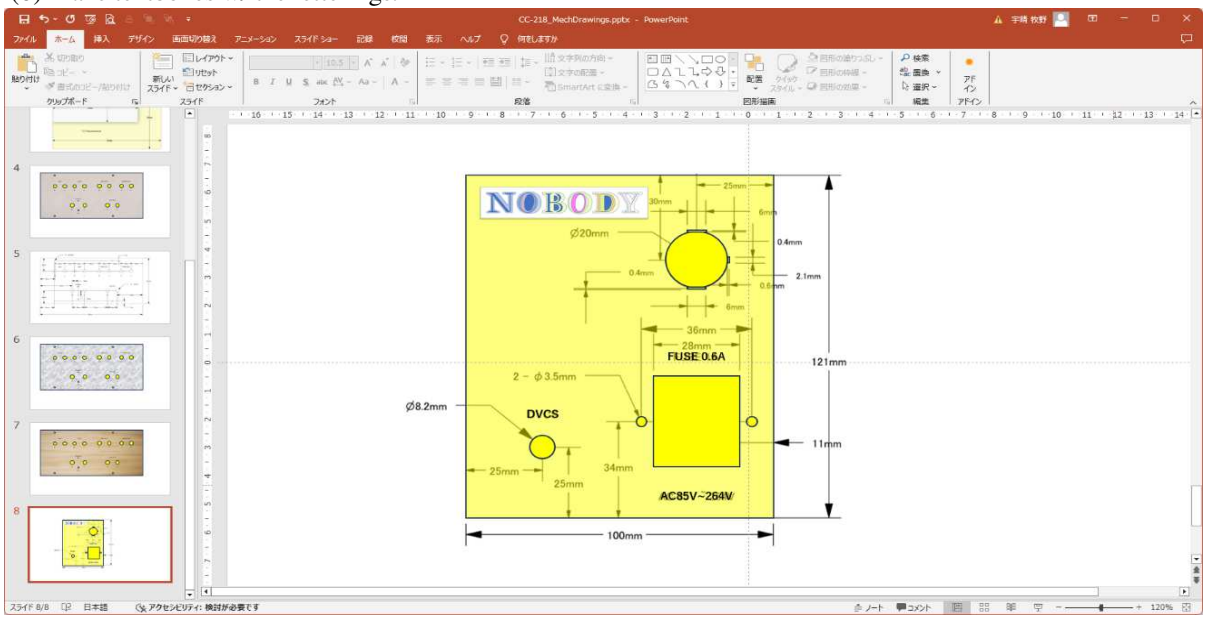


Color the circles and rectangulars to yellow. The frame was black.

(5) Place the circles and rectangulars to the positions of the cutouts.



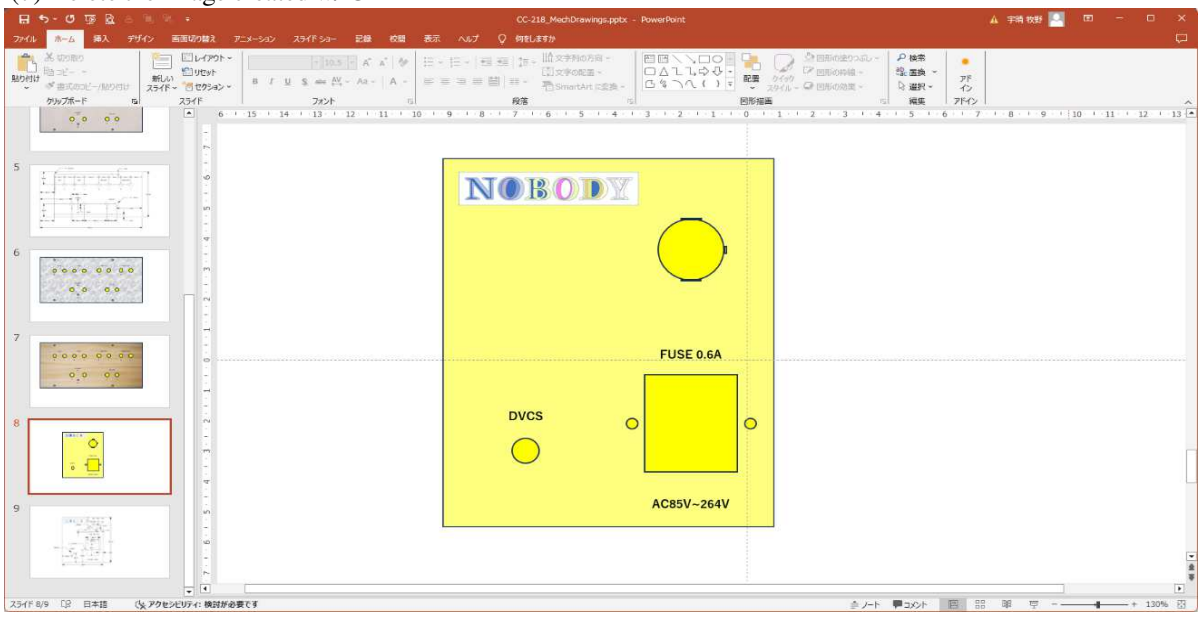
(6) Make textboxes w/ the letterings.



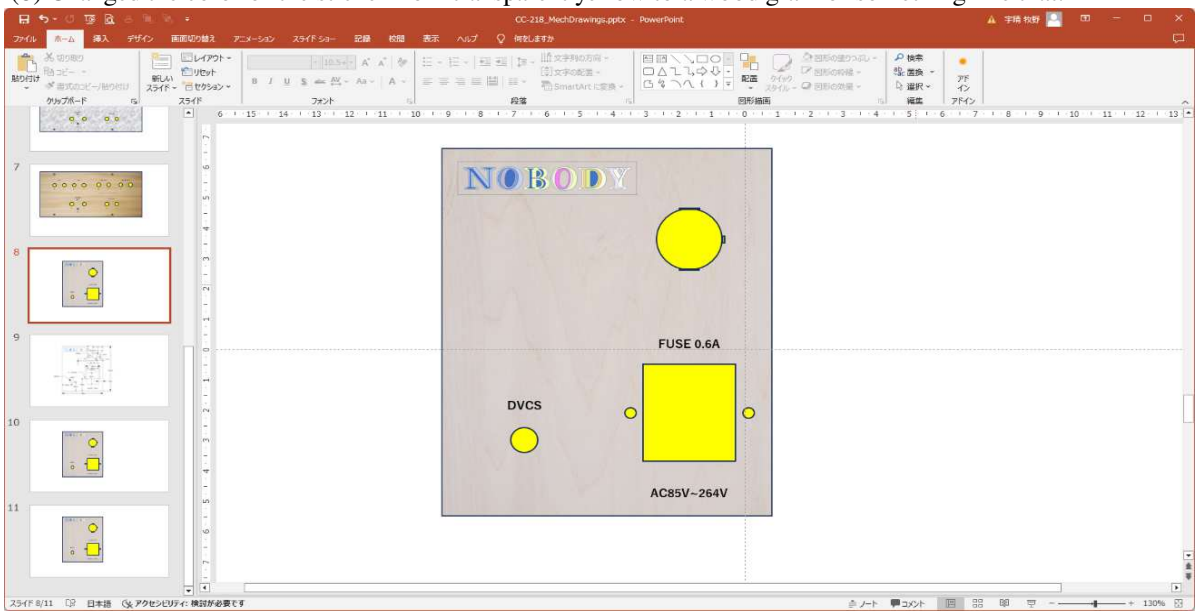
The color of the frames is black.
The textboxes have no color (transparent)

The value of the fuse has been changed from 1A to 0.6A.

(7) Delete the image created w/ CAD

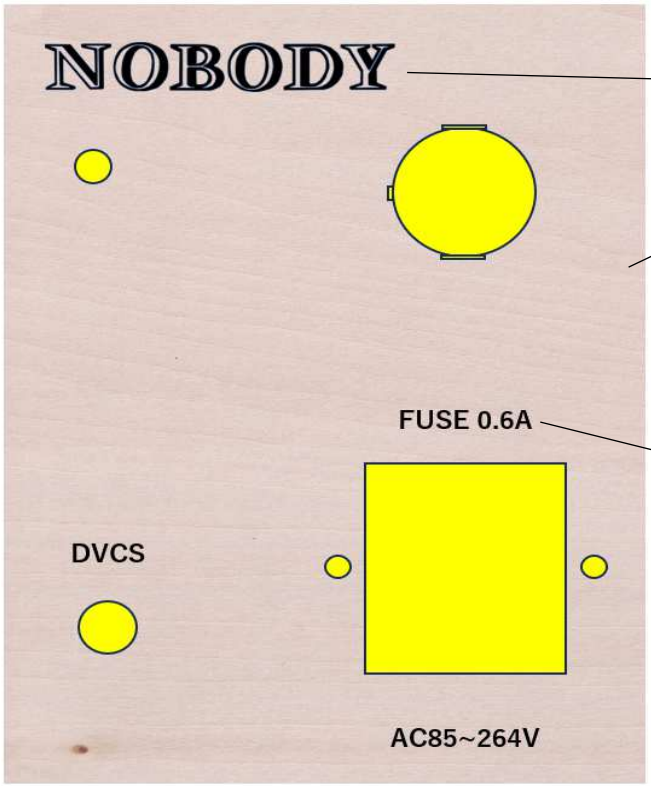


(8) Changed the color of the sticker from transparent yellow to a wood grain or something like that.



Import a picture of the wood grain and pasted on the sticker.

2024/05/07
2024/06/14



File: Logo_NOBODY(mono).png

Sino grain scanned in 1200 x 1200 dpi

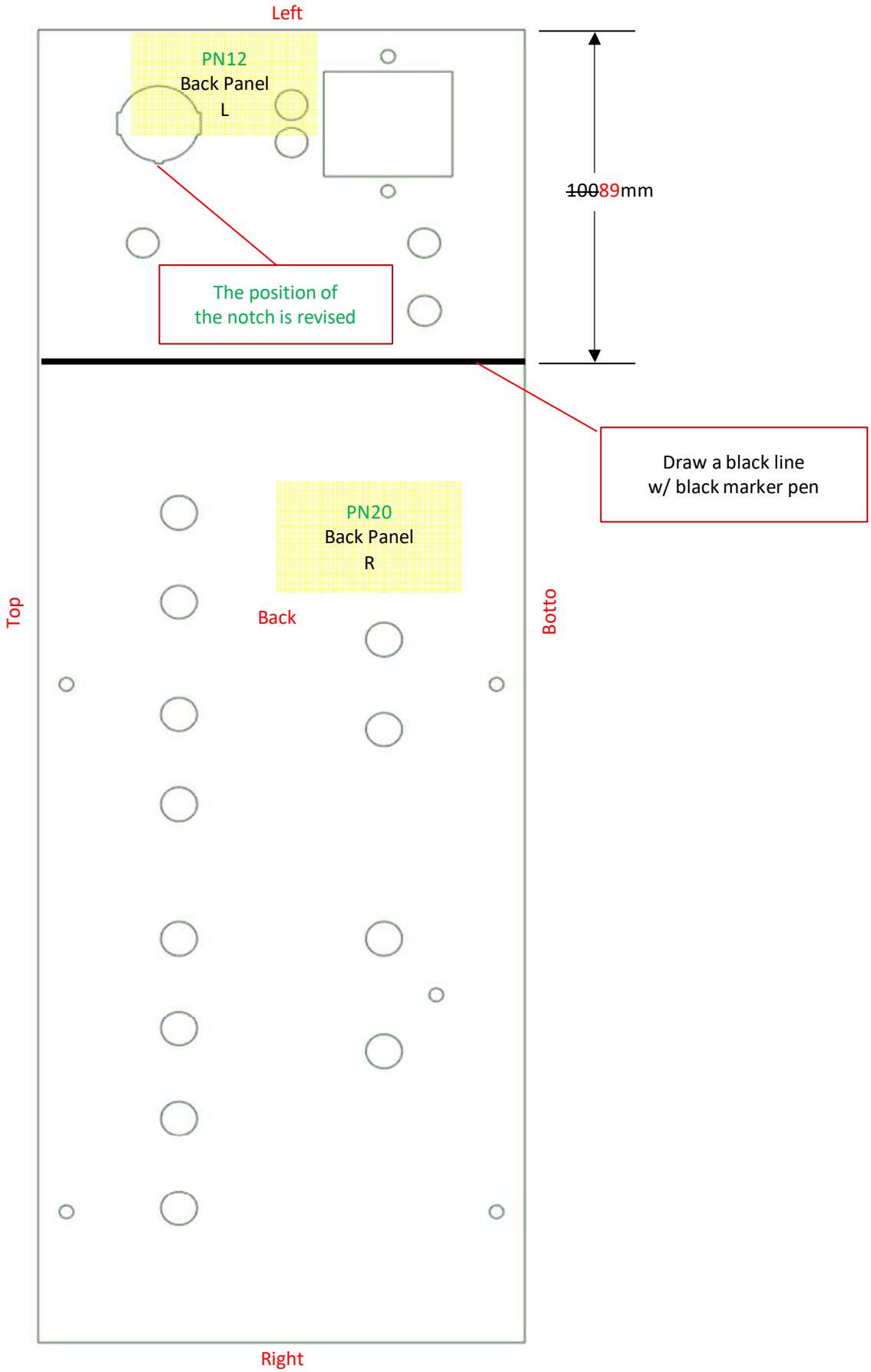
游ゴシック 本文, 10.5, Bold, Black

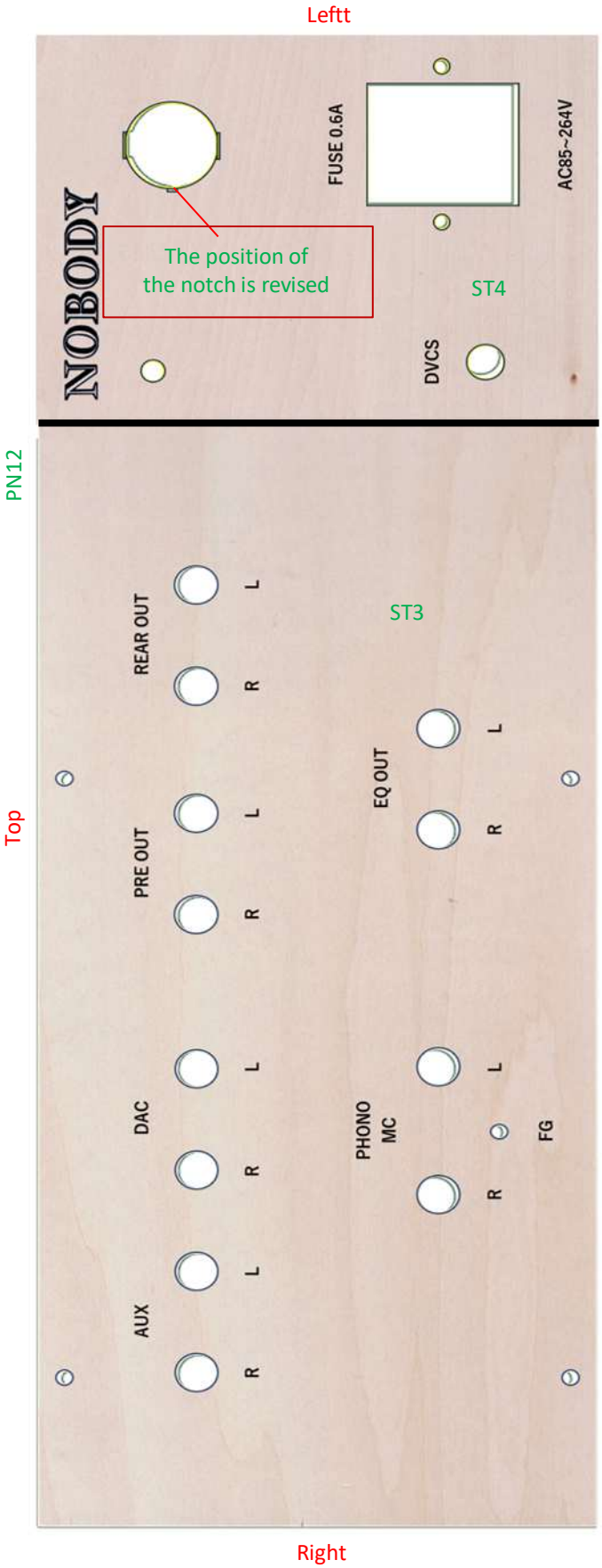
2. Save the image as a picture file.
   Filename: ST3_BackSticker_PSU_Sino_Final.pnp
   ~~xxx: surface image of the sticker like sino, marble, etc~~

3. Print sticker w/ printer.
   Sticker paper: A-one #28874N
   Print the image in the real size.

4. Cut out the holes colored yellow (Phi20mm, Phi8.2mm, Phi3.5mm x2, 28x32mm) in ST4 w/ punch and cutter.

*** PN12,20 - Back Panels**





Affix ST3 and ST4
on PN12,20

Front Panel

*** Tools**

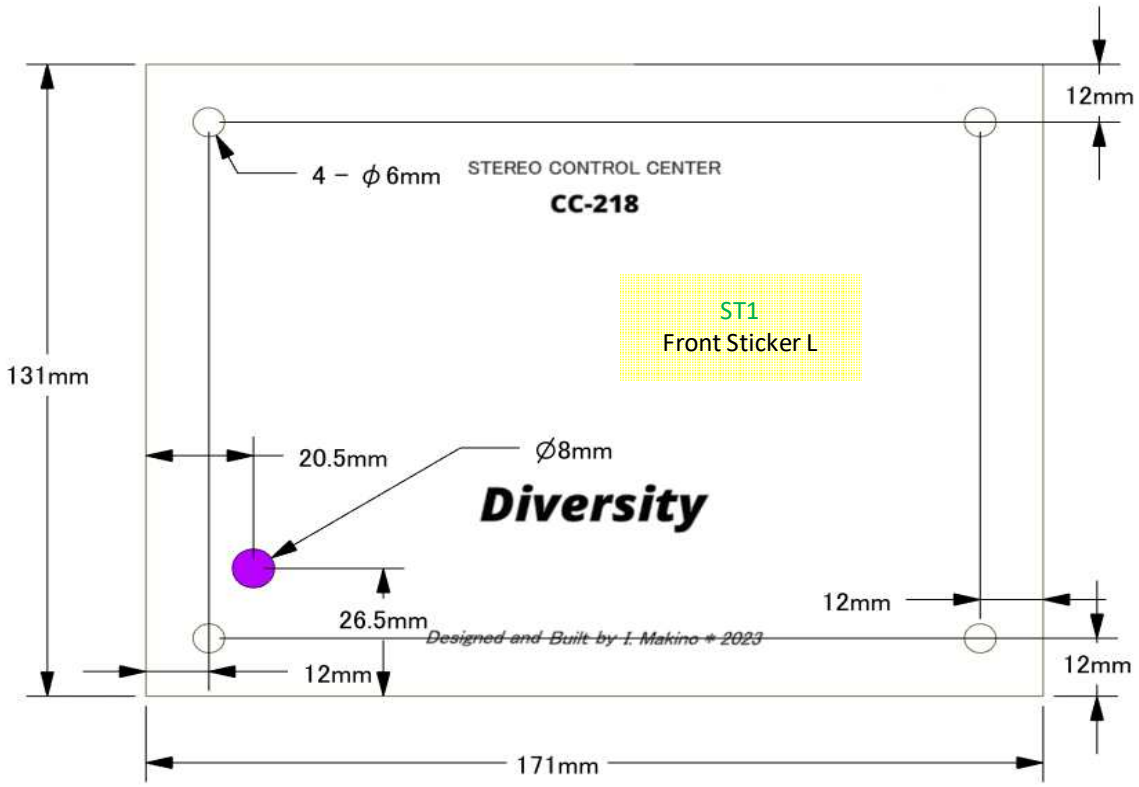
Punch
(Zebra Mackie - black)

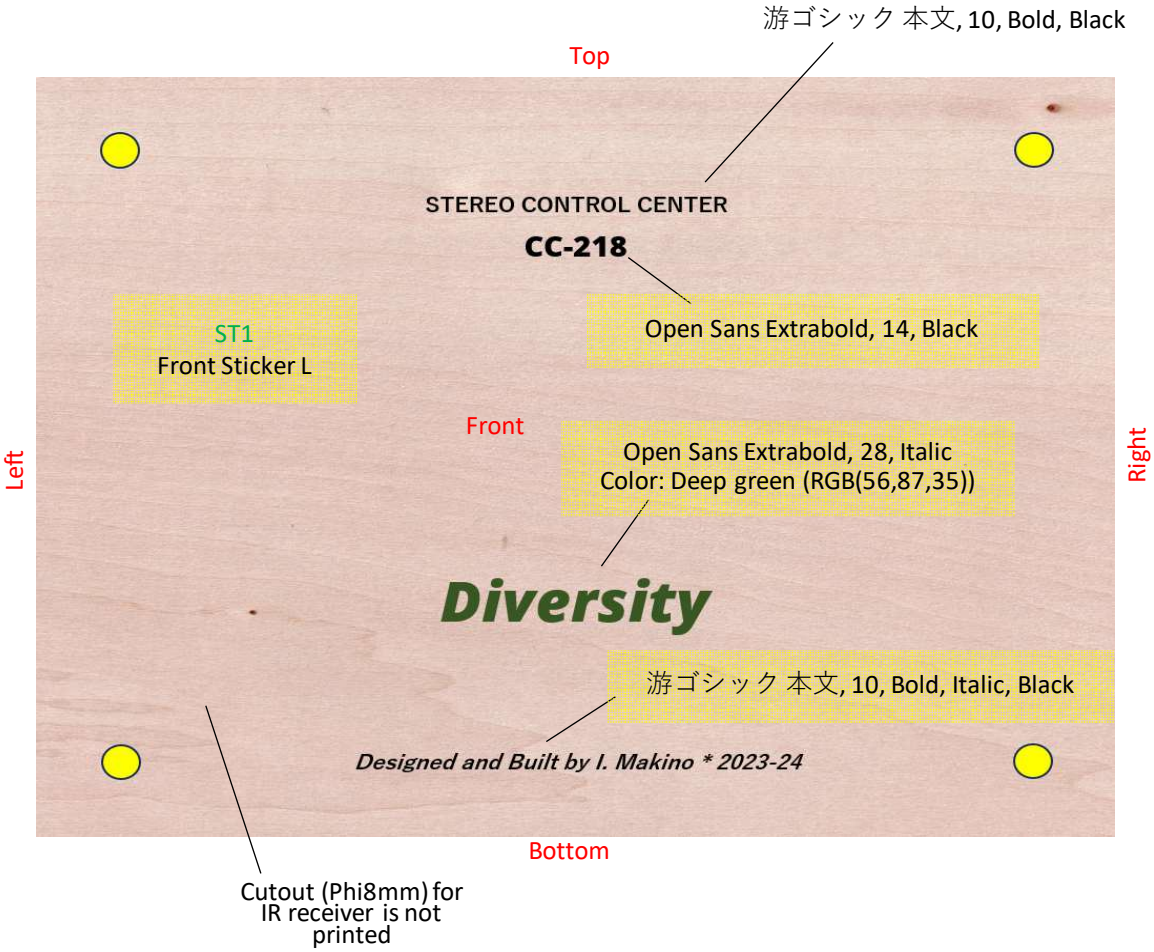
Printable sticker
(A-one 28874N)

Cutter
(Zebra Mackie - black)

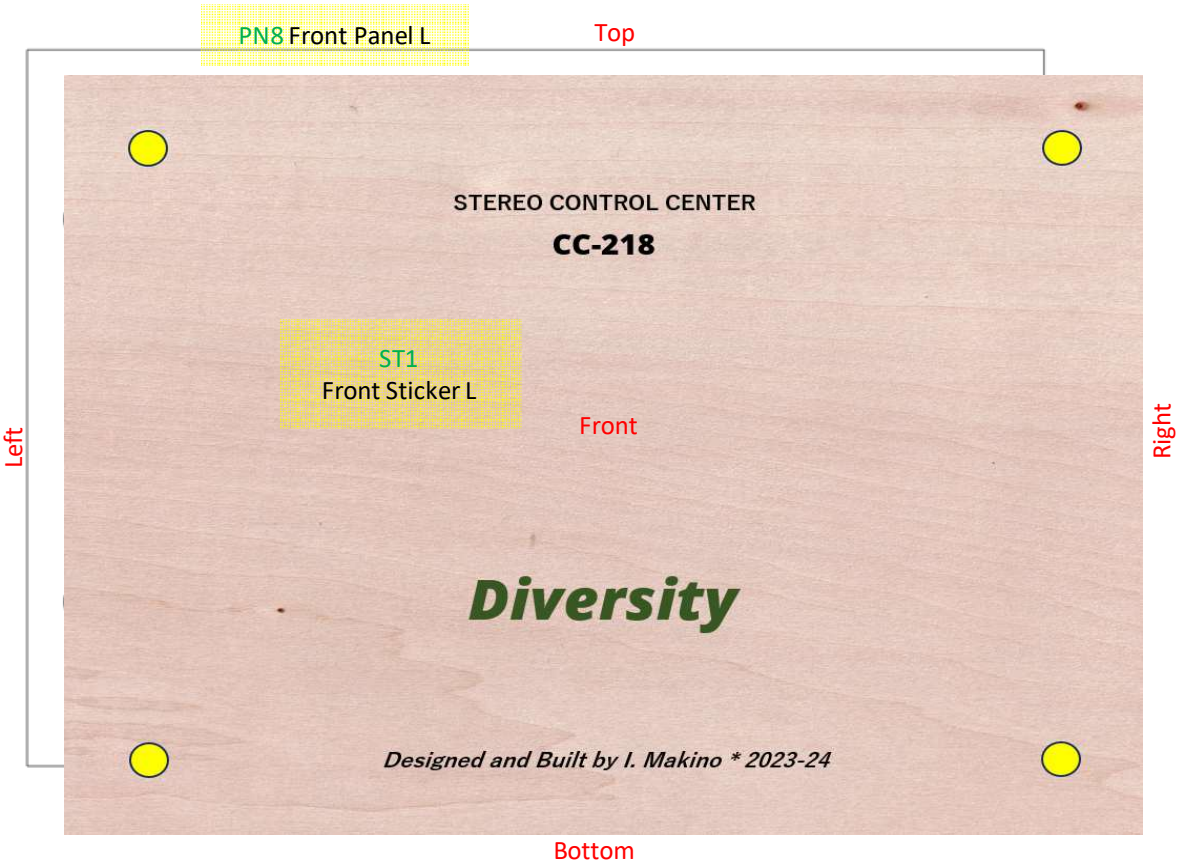
*** ST1 - FrontSticker_L**

1. Create sticker on PowerPoint. (For how to create it, see the description of ST4)
2. Save the sticker image as ST1_FrontSticker_L_xxx.pnp (xxx: name of material, e.g. sino, marble, etc)
3. Print the sticker image on A-one 28874N.
4. Cut out the sticker.
5. Cut out the holes colored yellow (Phi6mm x4) in ST1 w/ cutter.




游ゴシック 本文, 10, Bold, Black
Top
STEREO CONTROL CENTER
CC-218
Open Sans Extrabold, 14, Black
ST1
Front Sticker L
Front
Left
Right
Open Sans Extrabold, 28, Italic
Color: Deep green (RGB(56,87,35))
Diversity
游ゴシック 本文, 10, Bold, Italic, Black
Designed and Built by I. Makino * 2023-24
Bottom
Cutout (Phi8mm) for IR receiver is not printed

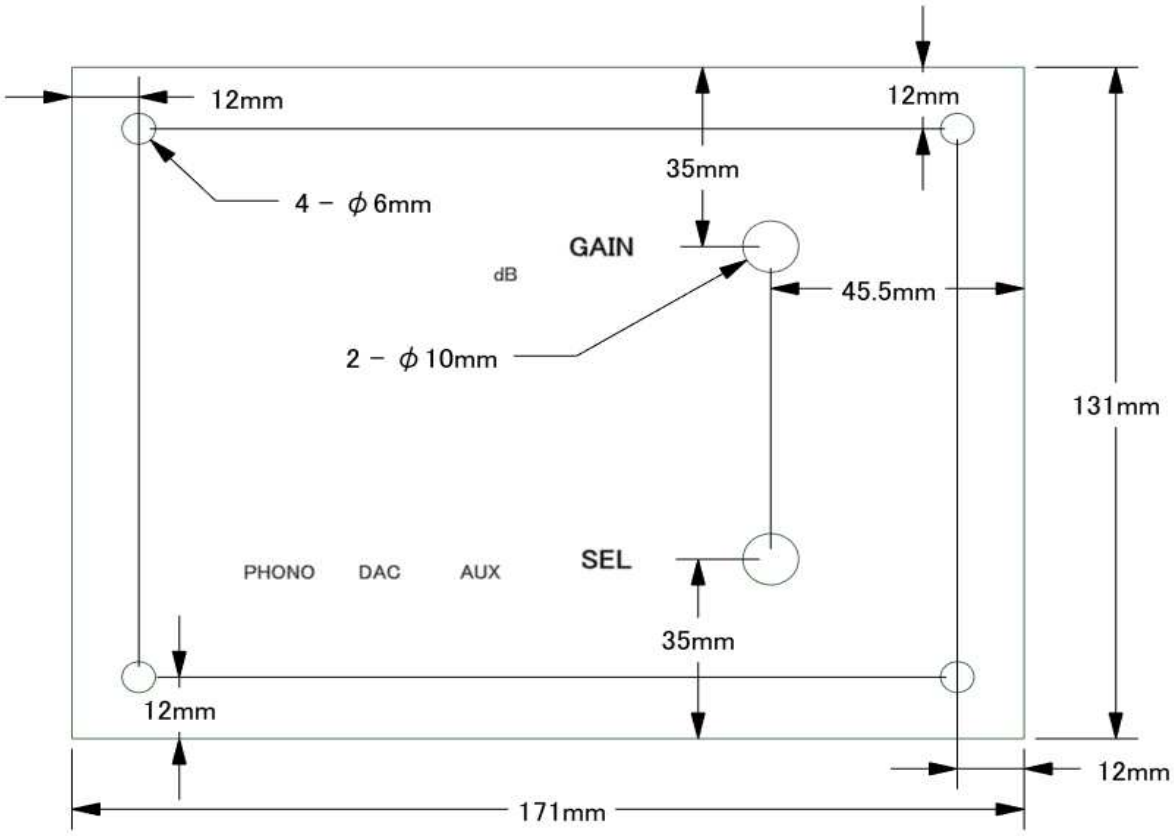
6. Affix ST1 on PN8.



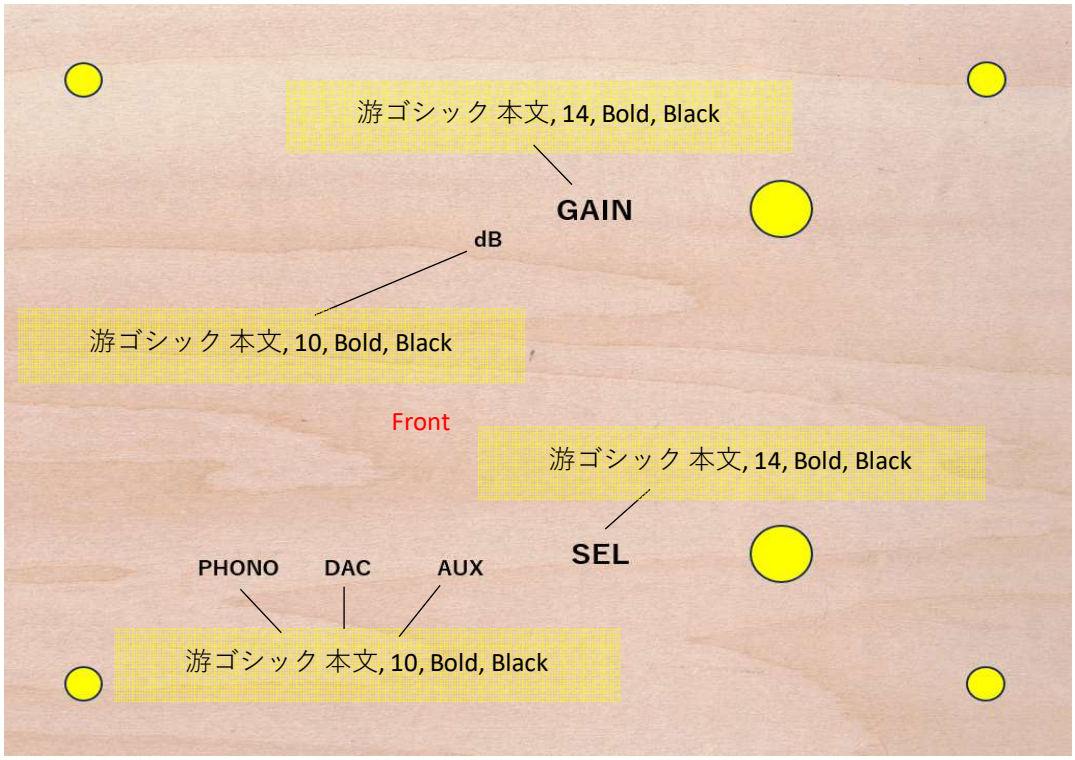
7. Cutout the hole (phi8mm) w/ cutter.

*** ST2 - FrontSticker_R**

1. Create sticker on PowerPoint. (For how to create it, see the description of ST4)
2. Save the sticker image as ST2_FrontSticker_R_xxx.pnp (xxx: name of material, e.g. sino, marble, etc)
3. Print the sticker image on A-one 28874N.
4. Cut out the sticker.
5. Cut out the holes colored yellow (Phi6mm x4 and Phi10mm x2) in ST2 w/ cutter.

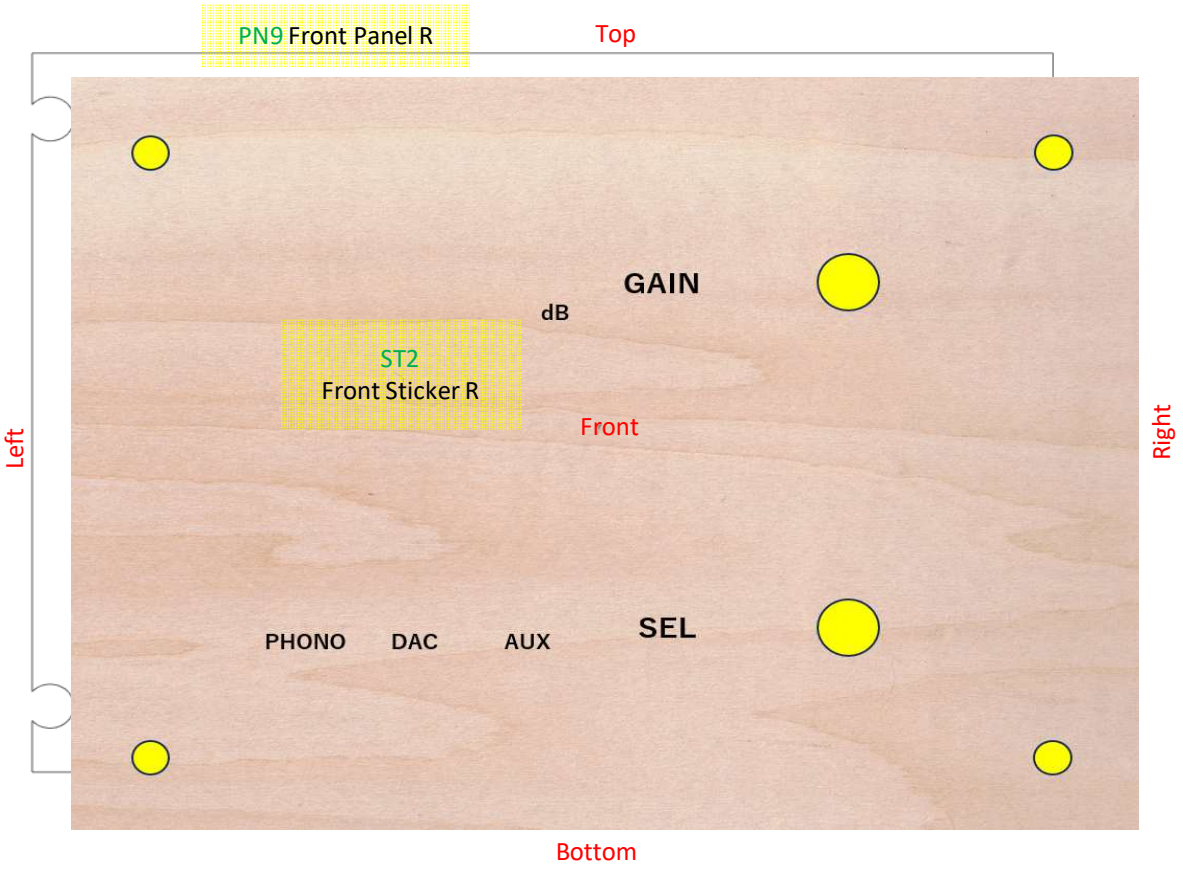

12mm
12mm
35mm
4 − ϕ6mm
GAIN
dB
45.5mm
2 − ϕ10mm
131mm
PHONO
DAC
AUX
SEL
35mm
12mm
12mm
171mm

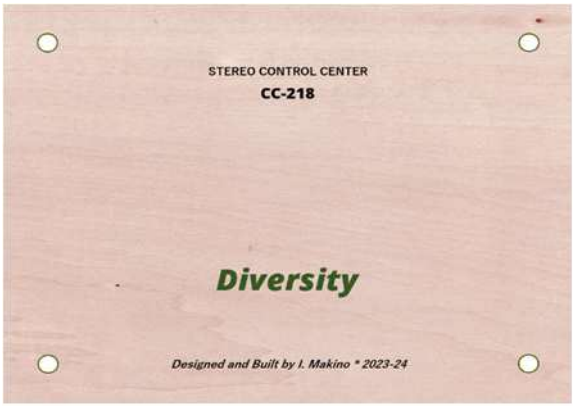
Top

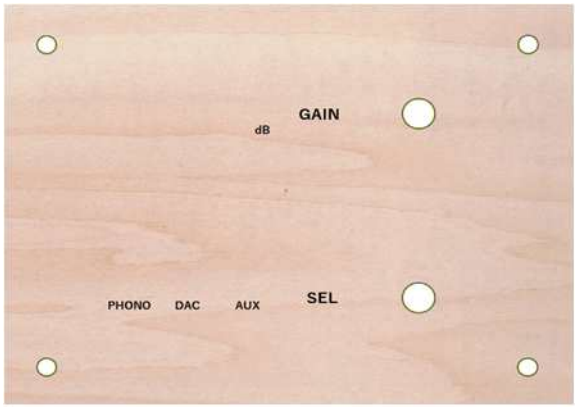

游ゴシック 本文, 14, Bold, Black
GAIN
dB
游ゴシック 本文, 10, Bold, Black
Left
Front
Right
游ゴシック 本文, 14, Bold, Black
SEL
PHONO
DAC
AUX
游ゴシック 本文, 10, Bold, Black

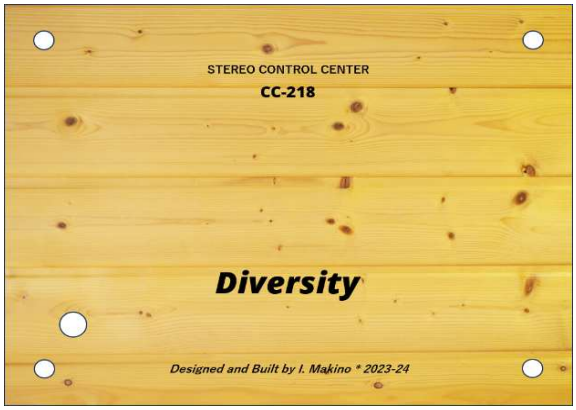
Bottom

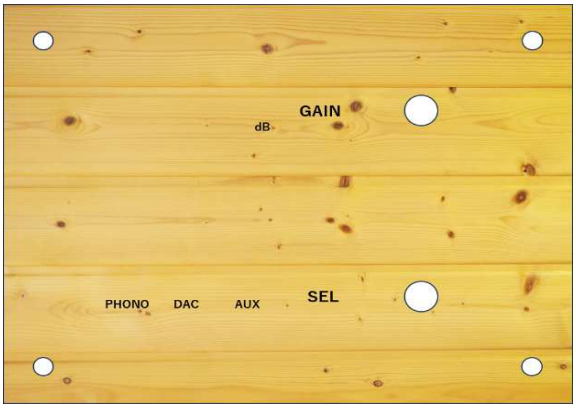
6. Affix ST2 on PN9.

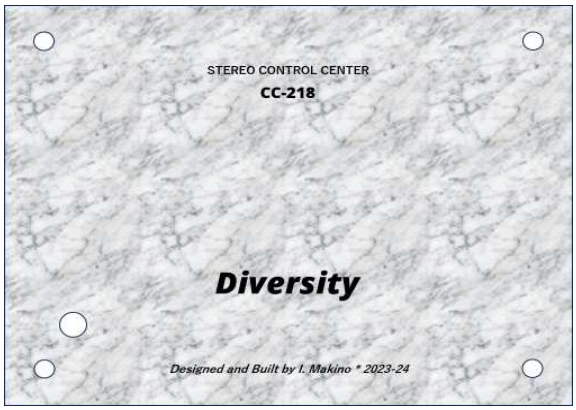


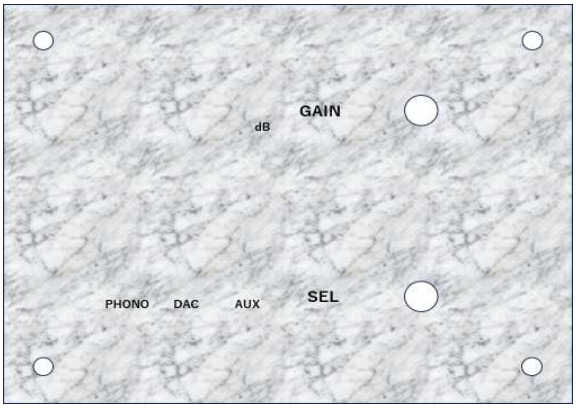





STEREO CONTROL CENTER
CC-218
Diversity
Designed and Built by I. Makino * 2023-24


GAIN
dB
PHONO
DAC
AUX
SEL


STEREO CONTROL CENTER
CC-218
Diversity
Designed and Built by I. Makino * 2023-24


GAIN
dB
PHONO
DAC
AUX
SEL

Knobs

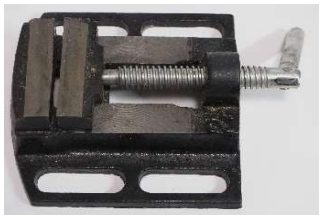
*** Tools**

Water paint - black
(Nippe Woody Color Collection- ebony black)

Water paint - clear
(Washin Urethane Color Varnish - clear)

Marker pen (Zebra Hi Macky)

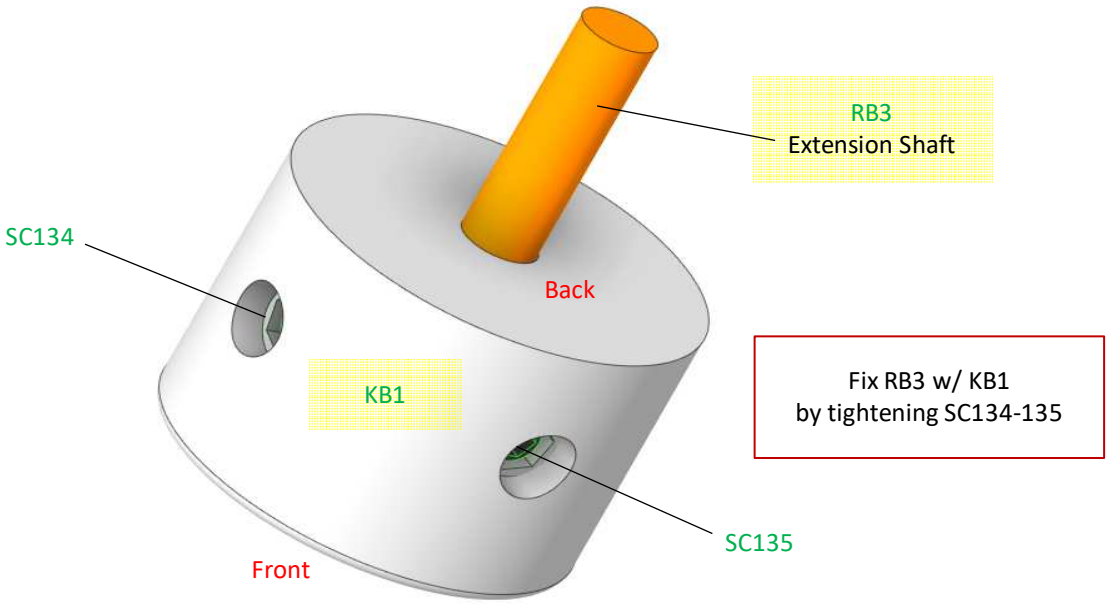
Paintbrush - small

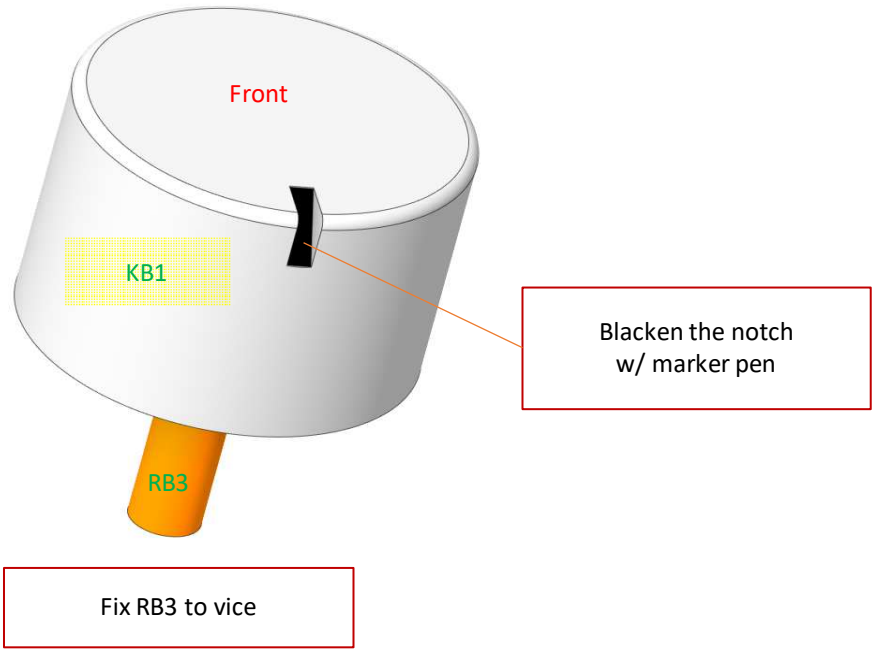


Vice

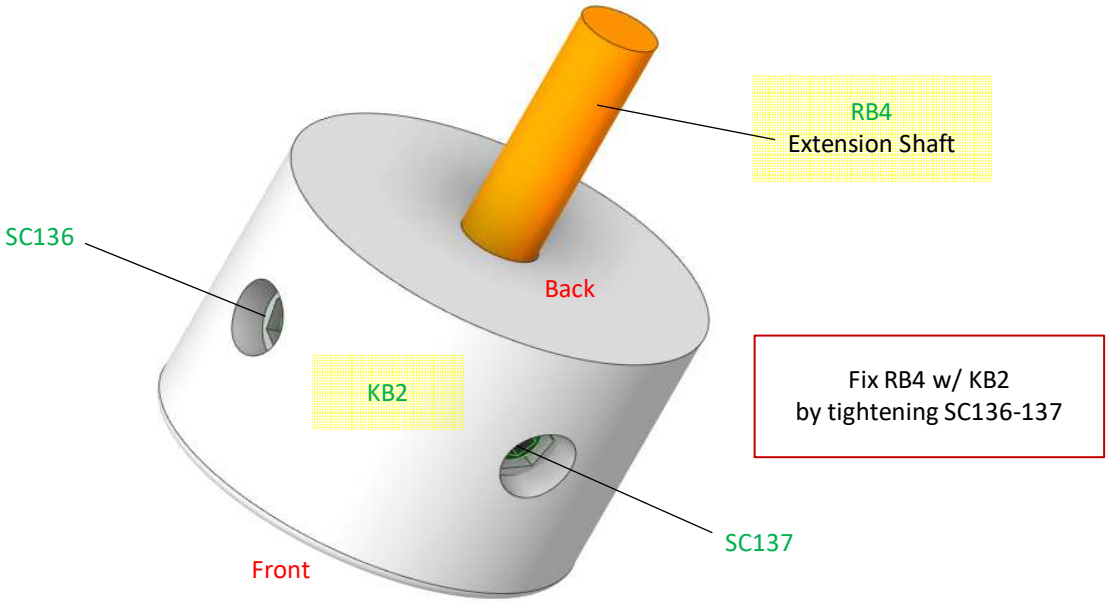
*** Paint notch black**

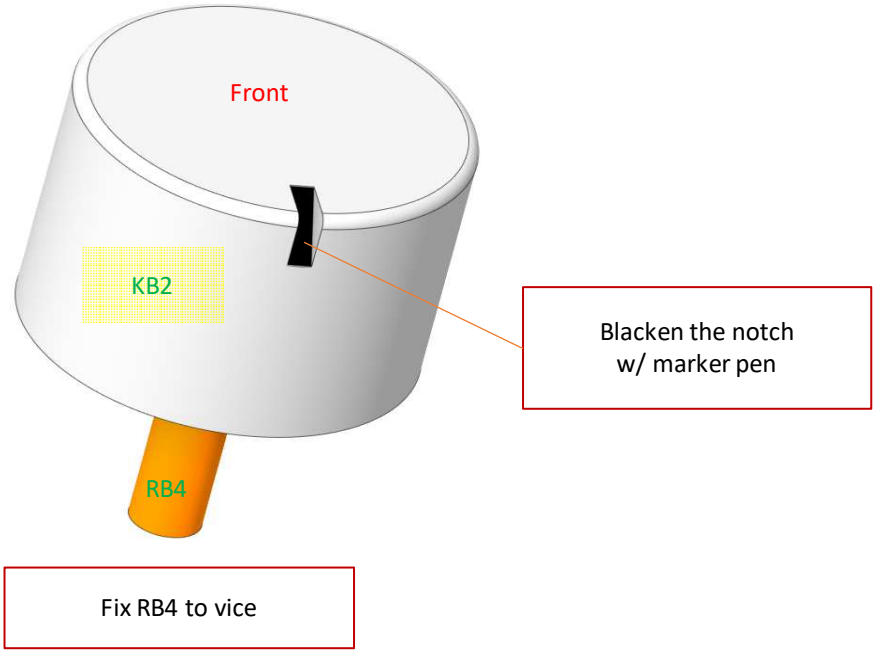
KB1 VOL



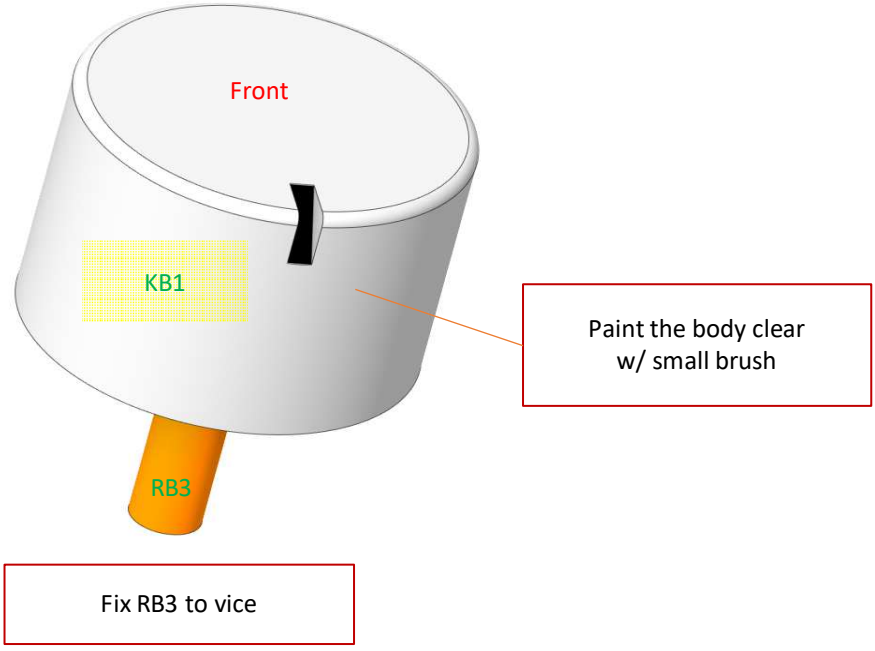

Front
KB1
RB3
Blacken the notch
w/ marker pen
Fix RB3 to vice

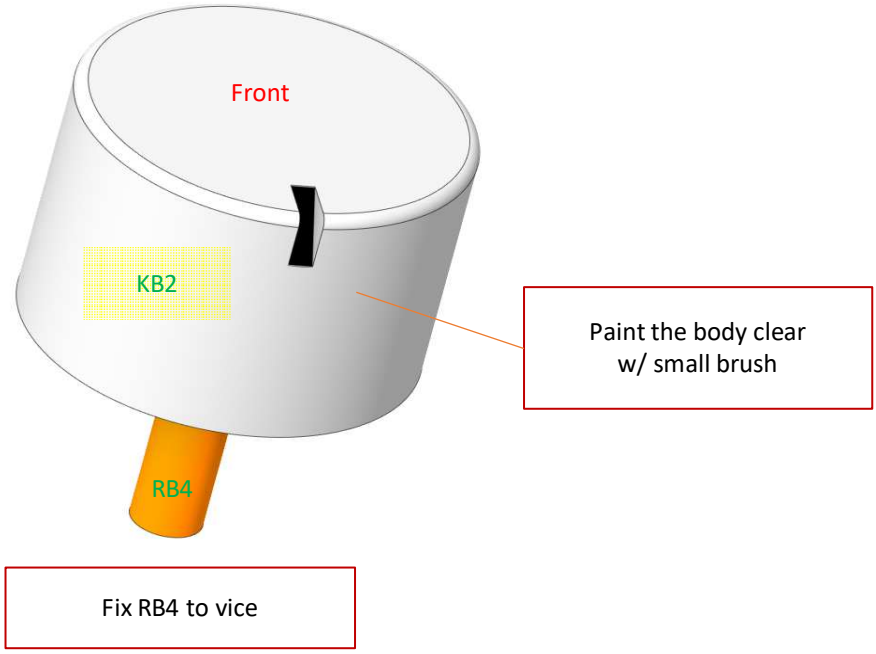
KB2 SEL


RB4
Extension Shaft
SC136
Back
KB2
Fix RB4 w/ KB2
by tightening SC136-137
SC137
Front



*** Paint body clear**





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