

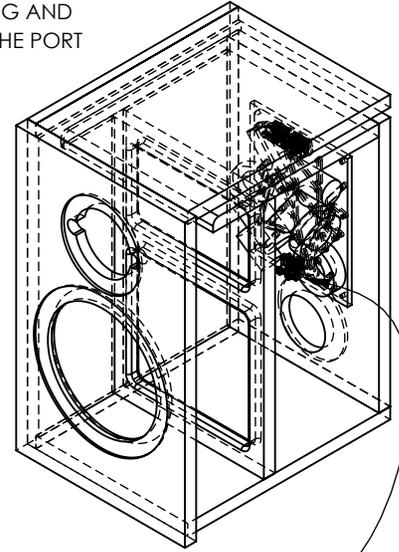
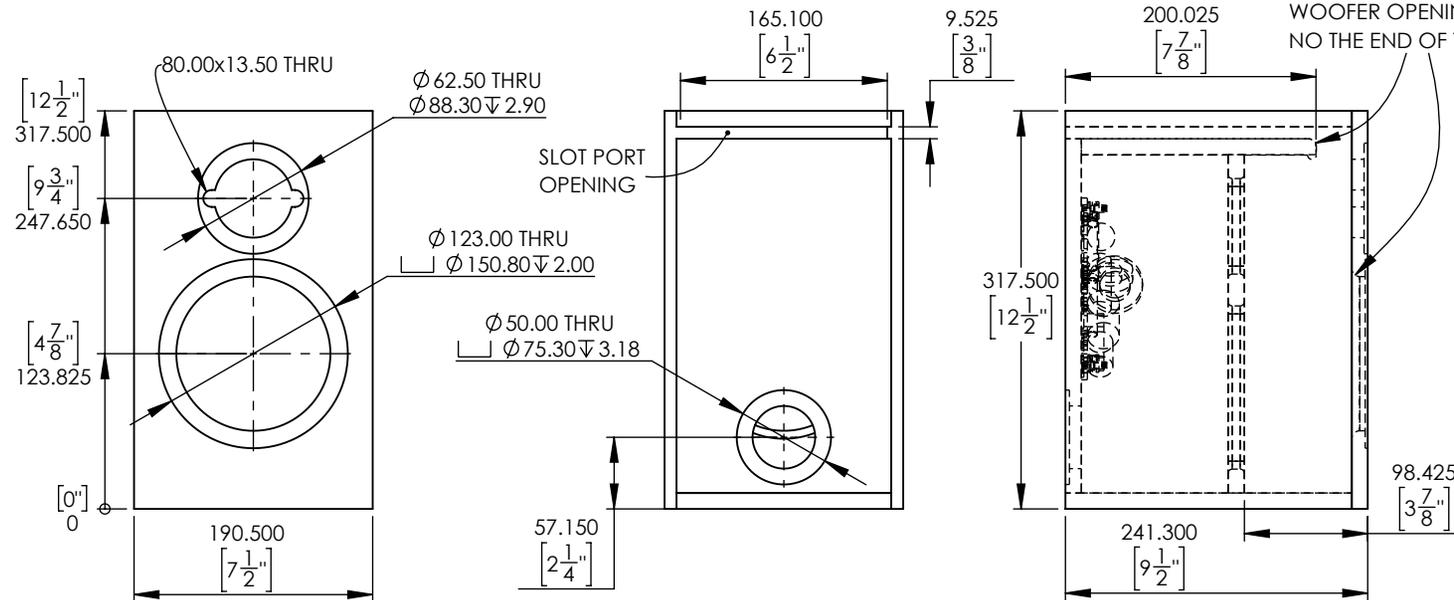
# SOLEN MURA 5B - SUMMARIZED PLANS

D

C

B

A



CROSSOVER BOARD

## WIRING

WIRING LENGTH TO USE THE ENTIRE 8' OF CABLE THAT COMES WITH THE KIT.  
 INPUT : 12" // TWEETER : 18" // WOOFER : 18"

## CROSSOVER PARTS LIST

### STANDARD

- C1 : PEMT160J825
- C2 : PEMT160J186
- C3 : B05A100K186
- C4 : B05A100K336
- L1 : S20.27 (0.34Ω DCR)
- L2 : S201.0 (0.70Ω DCR)
- L3 : S20.75 (0.60Ω DCR)
- R1 : MO1000J3R6
- R2 : WWSQP10J12R
- R3 : WWSQP10J8R2

### PREMIUM

- C1 : PA820
- C2 : PA1800
- C3 : PEMT160J186
- C4 : PEMT160J336
- L1 : S20.27 (0.34Ω DCR)
- L2 : S201.0 (0.70Ω DCR)
- L3 : S20.75 (0.60Ω DCR)
- R1 : AOC1600G3R6
- R2 : MO1000J12R
- R3 : MO1000J8R2

## PARTS LIST

- TWEETER : SB Acoustics SB19ST-C000-4
- WOOFER : SB Acoustics SB13PFCR25-8
- CROSSOVER BOARD : MURA 5B v2 CROSSOVER BOARD
- TERMINAL : RPT17GAS
- DAMPING : DAMPING PAD & POLYESTER
- BUILDING MATERIAL : 1/2" MDF

## DAMPING PAD INSTALLATION SUGGESTION (OPTIONAL)

- ON THE SIDES IN FRONT AND AT THE BACK OF THE BRACE
- ON THE BACK
- ON THE UNDER SIDE OF THE PORT AT THE BACK OF THE BRACE
- ON THE BOTTOM IN FRONT AND AT THE BACK OF THE BRACE

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6 5 4 3 2 1

# SOLEN MURA 5B SPEAKER KIT - ASSEMBLY INSTRUCTIONS

## 1. DRIVERS AND INSERTS

POSITION THE DRIVER IN THE BAFFLE AND ORIENT IT THE WAY YOU PREFER AND USE A PUNCH TO MARK THE HOLES LOCATION. DO THE SAME FOR THE TERMINAL AT THE BACK. THEN USE A 1/8" DRILL BIT TO DO THE PILOT HOLES.

\*\*\*MAKE SURE NOT TO OVERTIGHTEN THE SCREWS INTO THE WOOD\*\*\*

## 2. CABLING

1. CUT THE FT4/16-2 TO AN APPROPRIATE LENGHT (SEE "SUMMARIZED PLAN" PAGE) TO CONNECT THE DRIVERS EASILY ONCE THE CROSSOVER IS INSTALLED IN THE ENCLOSURE.

2. INSTALL THE SPEAKER CONNECTORS ON THE CABLES :

A. WOOFER CABLE : RED=GFD205-1614R // BLACK=GFD110-1614B

B. TWEETER CABLE : RED=GFD205-1614R // BLACK=GFD110-1614B

C. TERMINAL CABLE : RED=GFD205-1614R // BLACK=GFD205-1614B

ONE END OF THE CABLES HAS NO CONNECTORS AS THEY GO IN THE TERMINALS (322GDS) ON THE CROSSOVER BOARD.

## 3. DAMPING MATERIAL

STUFF A PIECE OF POLYESTER (21"X12") BETWEEN THE CROSSOVER AND THE BRACE.

## SCREWS & INSERTS

- 6X3/4P(32x) FOR TWEETER,  
WOOFER AND TERMINAL

- 6X1/2P (8x) ARE USED TO FIX THE  
CROSSOVER INSIDE THE ENCLOSURE

## 4. INSTALLING THE PARTS

1. CONNECT ALL THE CABLES ON THEIR RESPECTIVE TERMINALS ON THE CROSSOVER BOARD;

2. SCREW THE CROSSOVER BOARD INSIDE ON THE BOTTOM OF THE CABINET (USING THE 6X3/4). DON'T OVERTIGHTEN THEM.

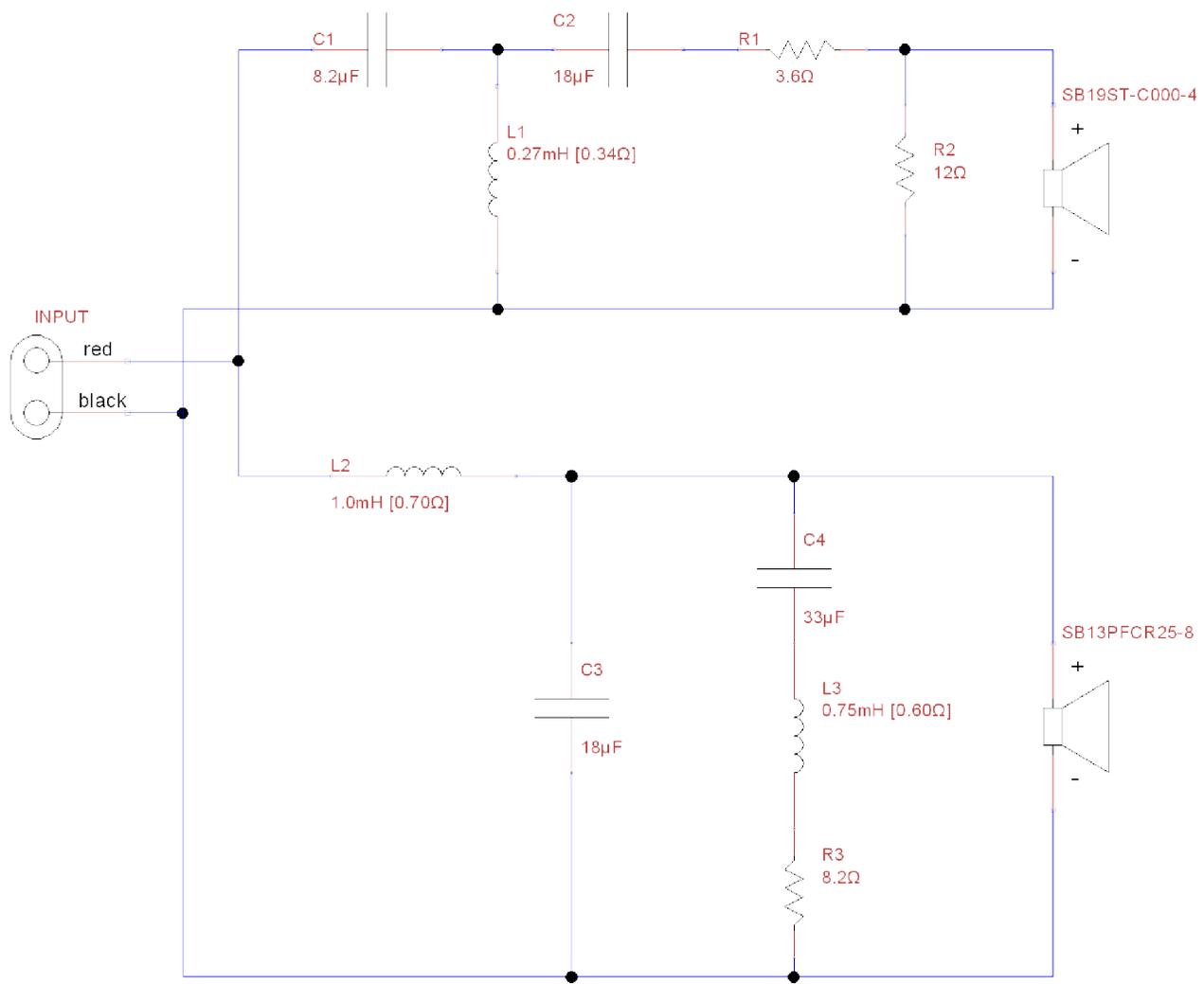
3. CONNECT THE TWEETER AND SCREW IT IN PLACE (USING THE 6X3/4P);

4. CONNECT THE WOOFER AND SCREW IT IN PLACE (USING THE 6X3/4P);

5. CONNECT THE TERMINAL CONNECTORS AND SCREW IT IN PLACE (USING THE 6X3/4P);

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# SOLEN MURA 5B - CROSSOVER (1/2)

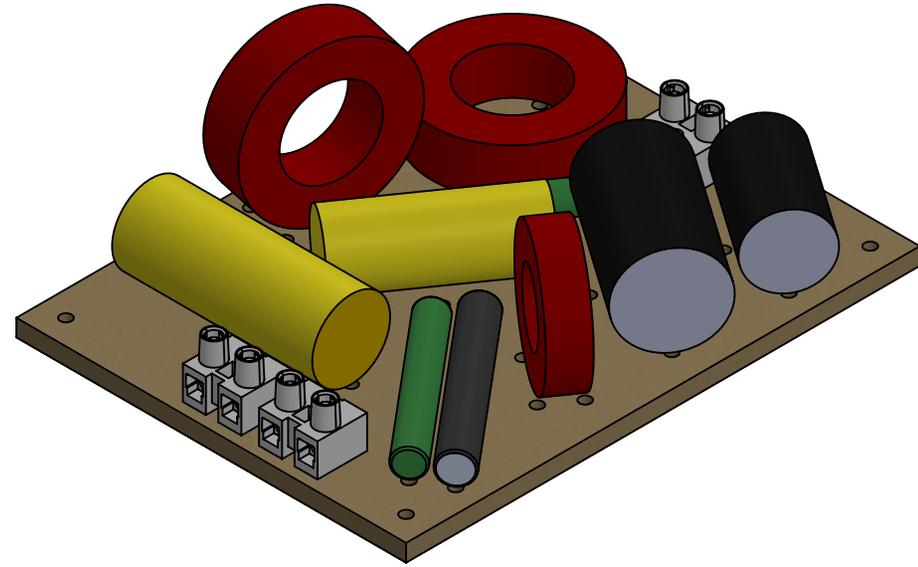
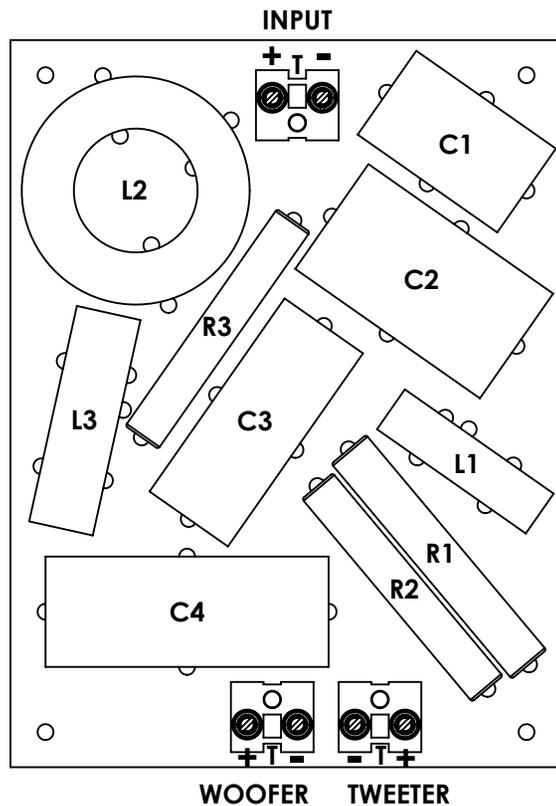


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# SOLEN MURA 5B - CROSSOVER (2/2)

## NOTES

1. USE THE 6X1/2P TO INSTALL THE CROSSOVER INSIDE THE CABINET
2. MAKE SURE THE TIE-WRAPS LOCKING HEAD ON L3 ARE ON THE OUTSIDE OF THE BOARD
3. MAKE SURE TO REMOVE THE RED ENAMEL ON THE INDUCTORS WHERE IT IS SOLDERED
4. USE THE LEFTOVER INDUCTOR WIRES TO CONNECT THE PARTS WHERE THE PARTS WIRING DO NOT REACH EACH OTHER



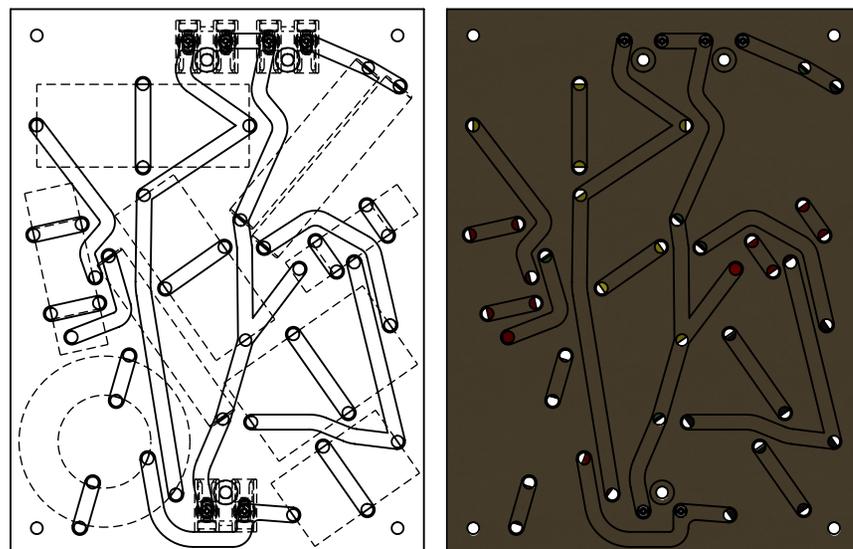
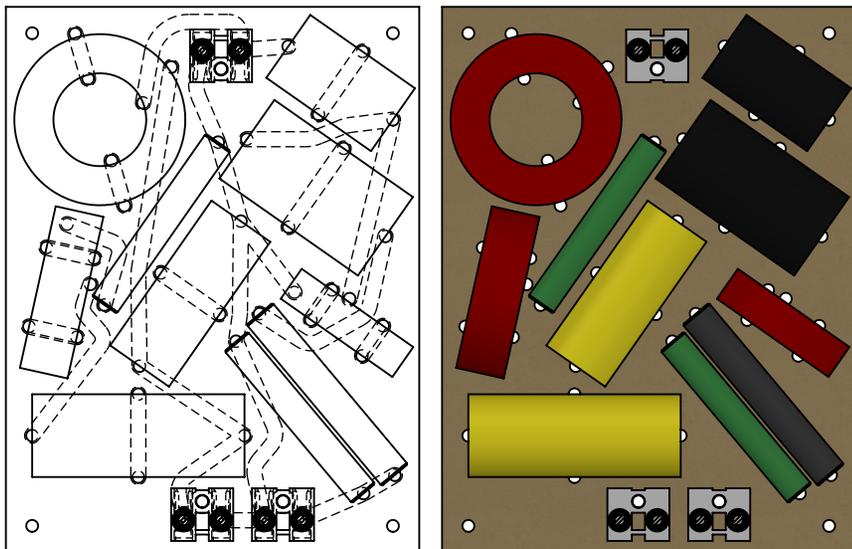
THE CROSSOVER SHOWN ABOVE IS WITH THE PREMIUM CONFIGURATION

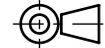
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# SOLEN MURA 5B - CROSSOVER TOP&BOTTOM VIEW

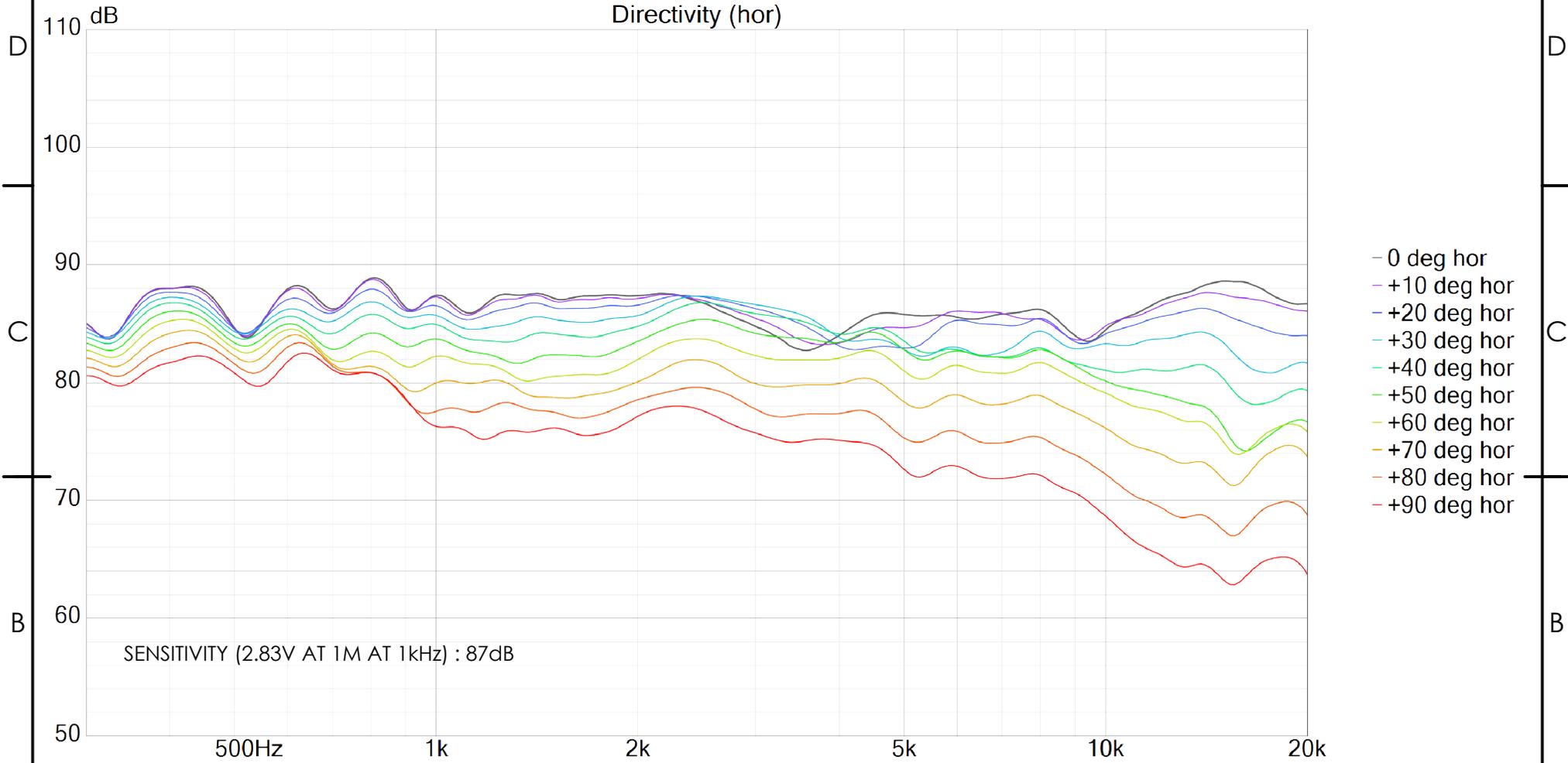
TOP VIEW

BOTTOM VIEW



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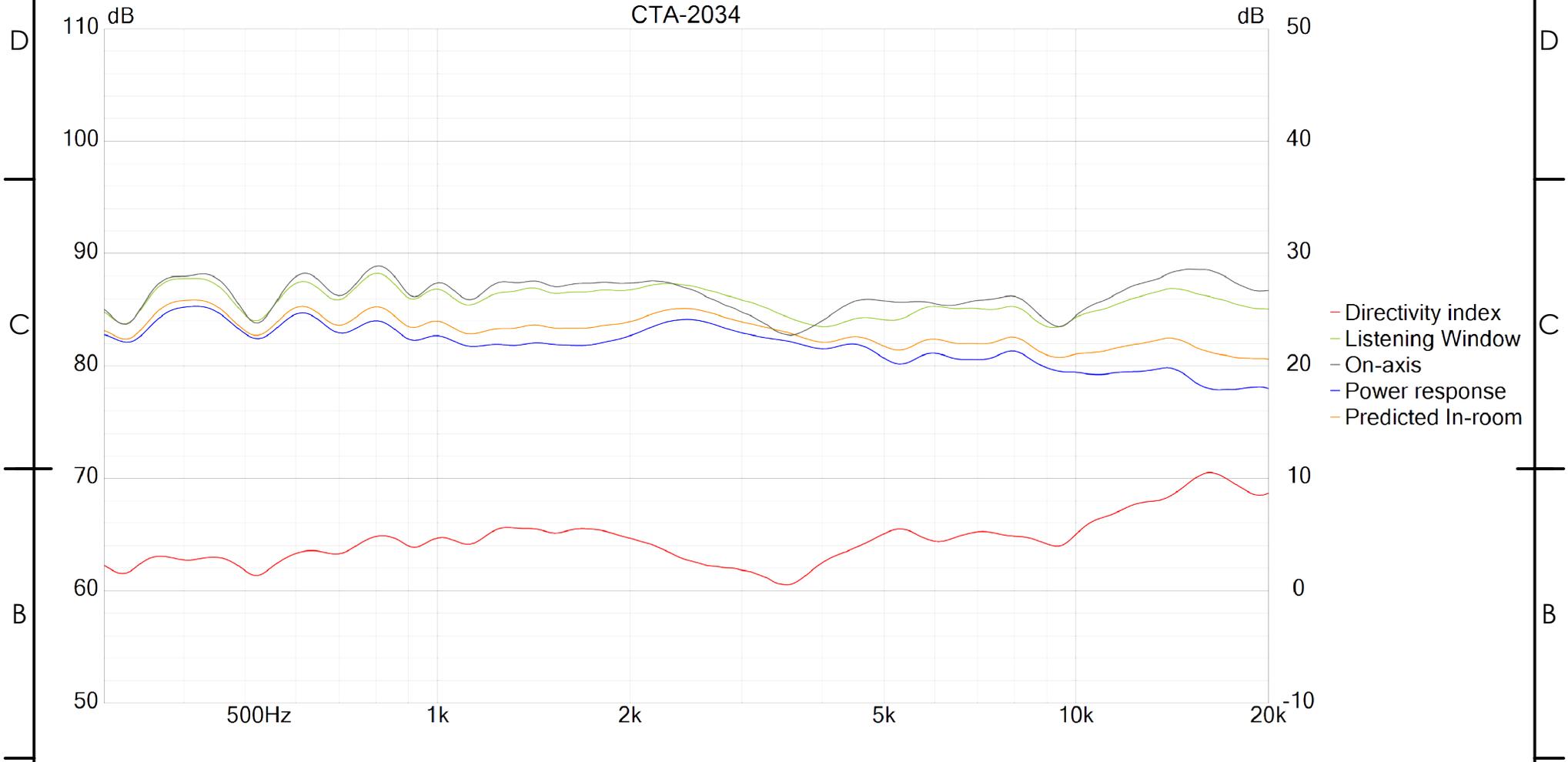
# SOLEN MURA 5B - FREQUENCY RESPONSE



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# SOLEN MURA 5B - PREDICTED IN-ROOM

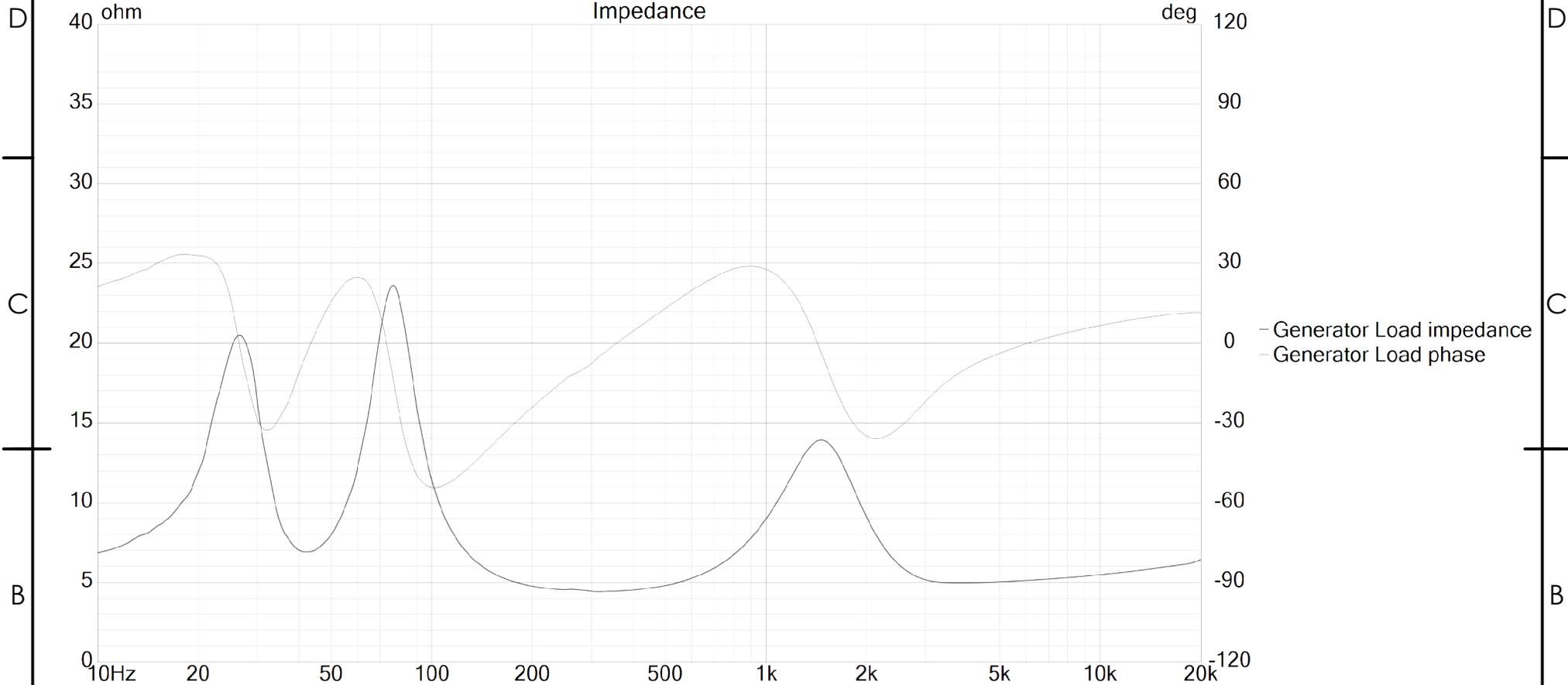
CTA-2034



- Directivity index
- Listening Window
- On-axis
- Power response
- Predicted In-room

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# SOLEN MURA 5B - IMPEDANCE



NOMINAL IMPEDANCE : 6Ω  
MINIMUM IMPEDANCE : 4.4Ω AT 320Hz

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