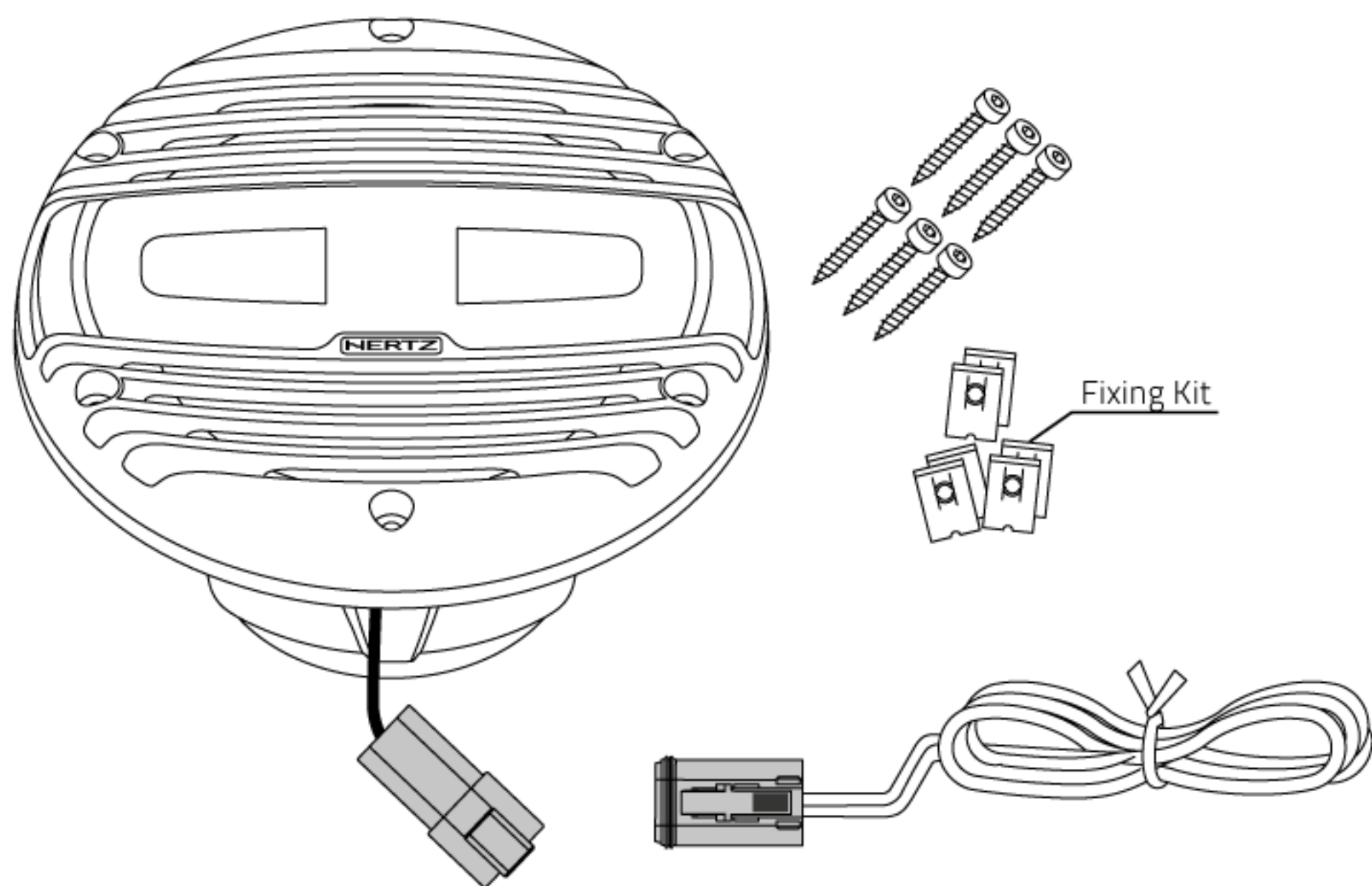
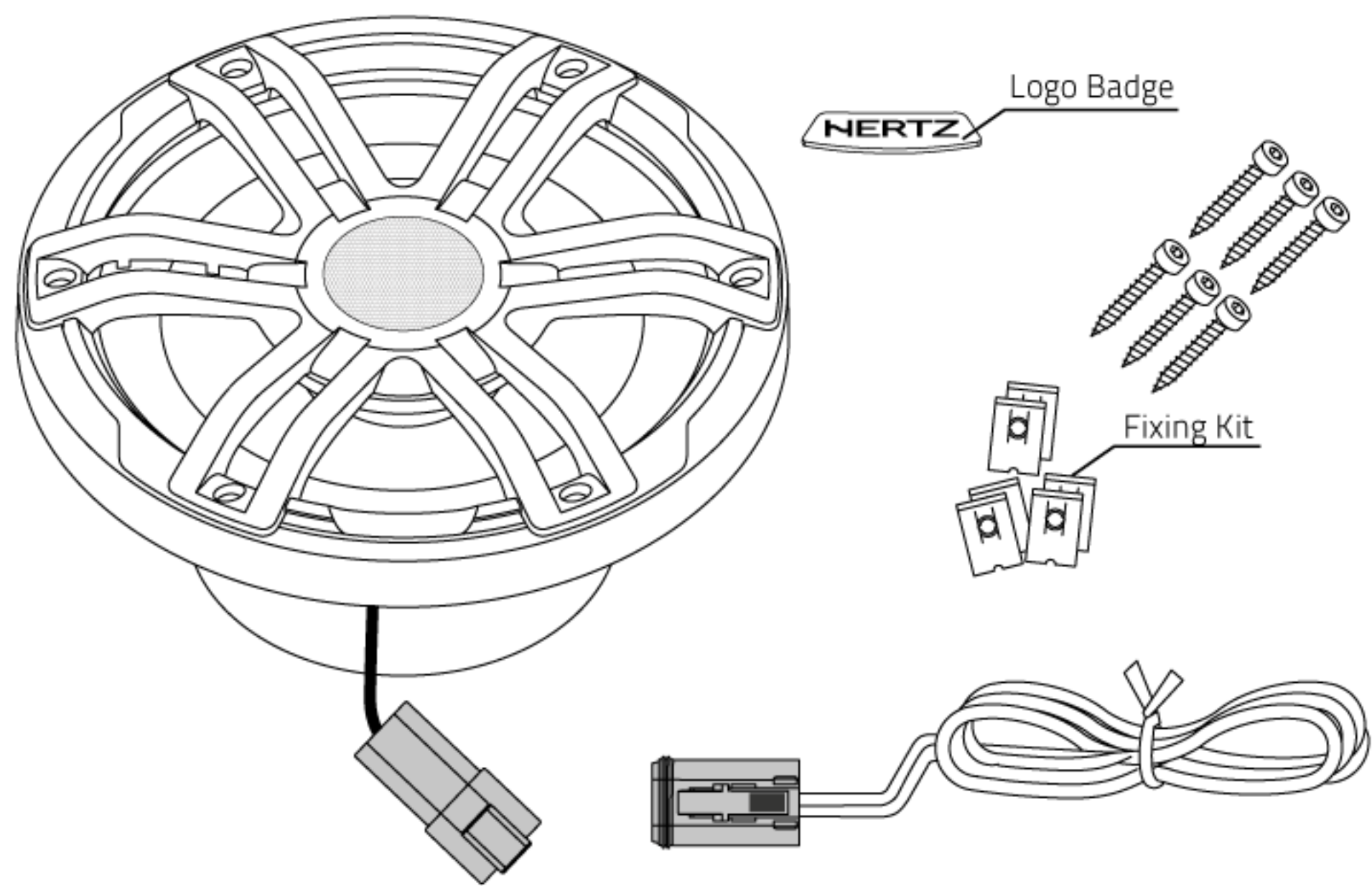


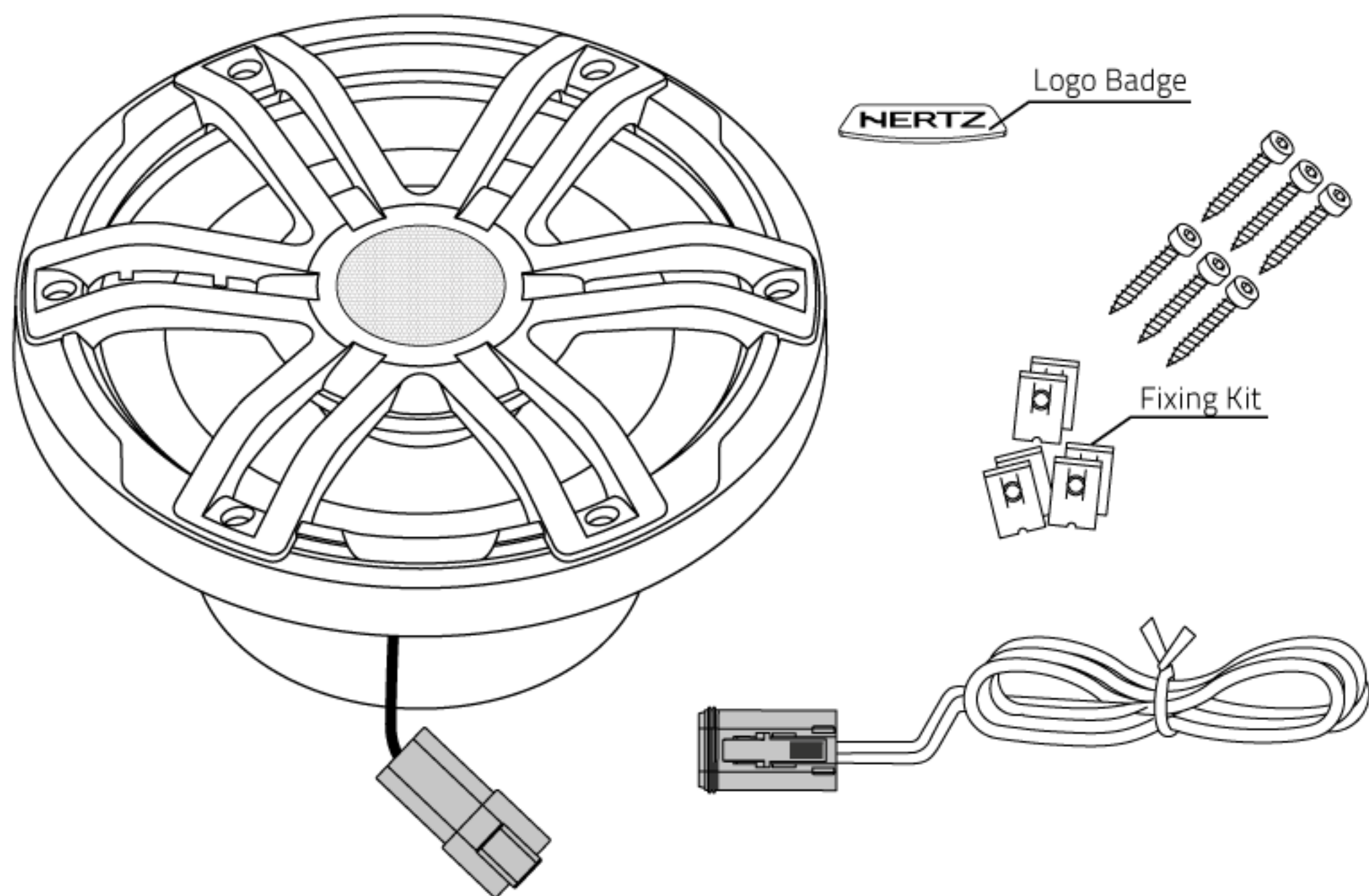
**HMX 6.5 / HMX 6.5-C / HMX 6.5-LD /
HMX 6.5-LD-C / HMX 6.5-TC / HMX 6.5-TW
/ HMX 6.5-LD-TC / HMX 6.5-LD-TW**



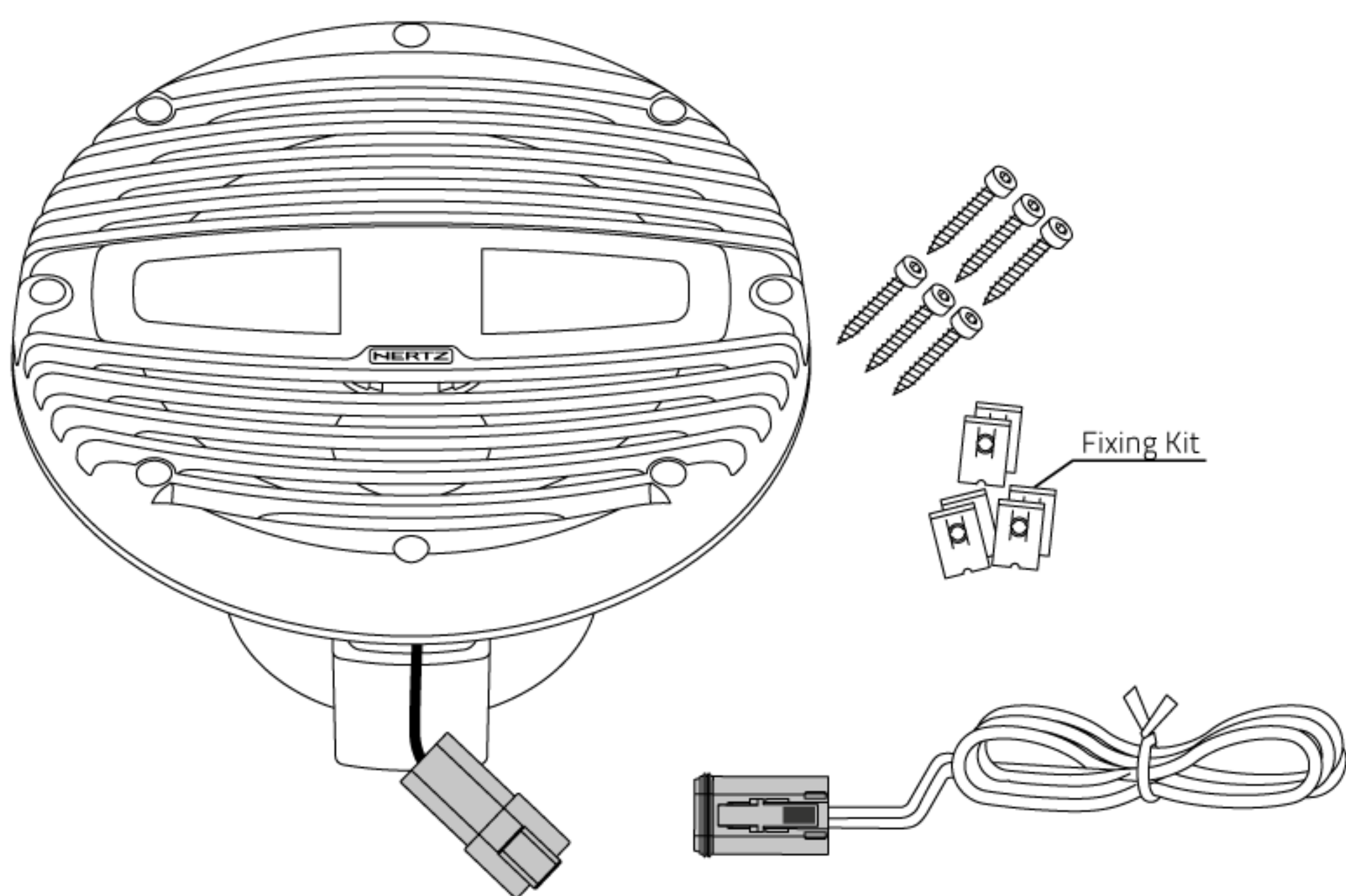
HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW



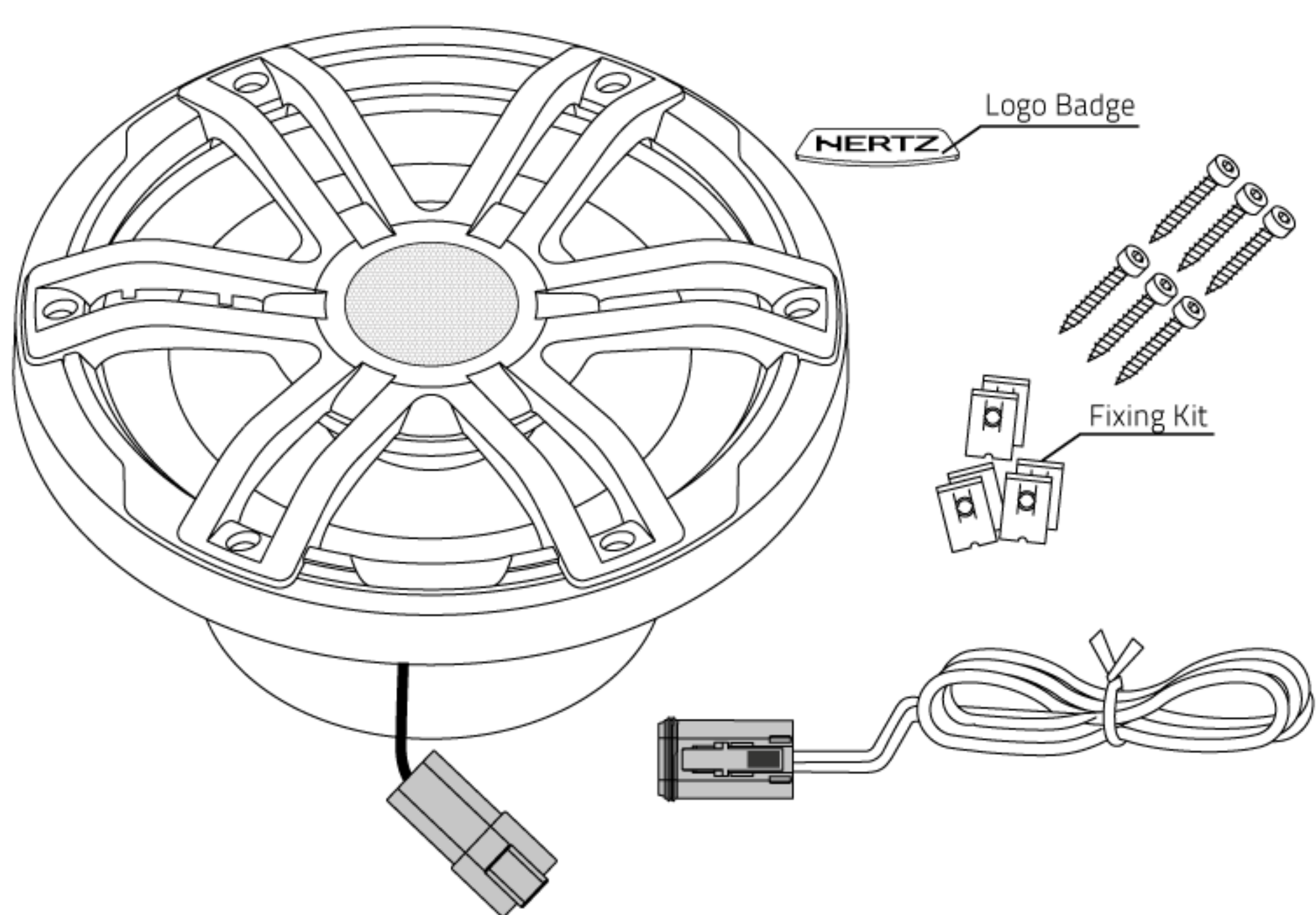
HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW



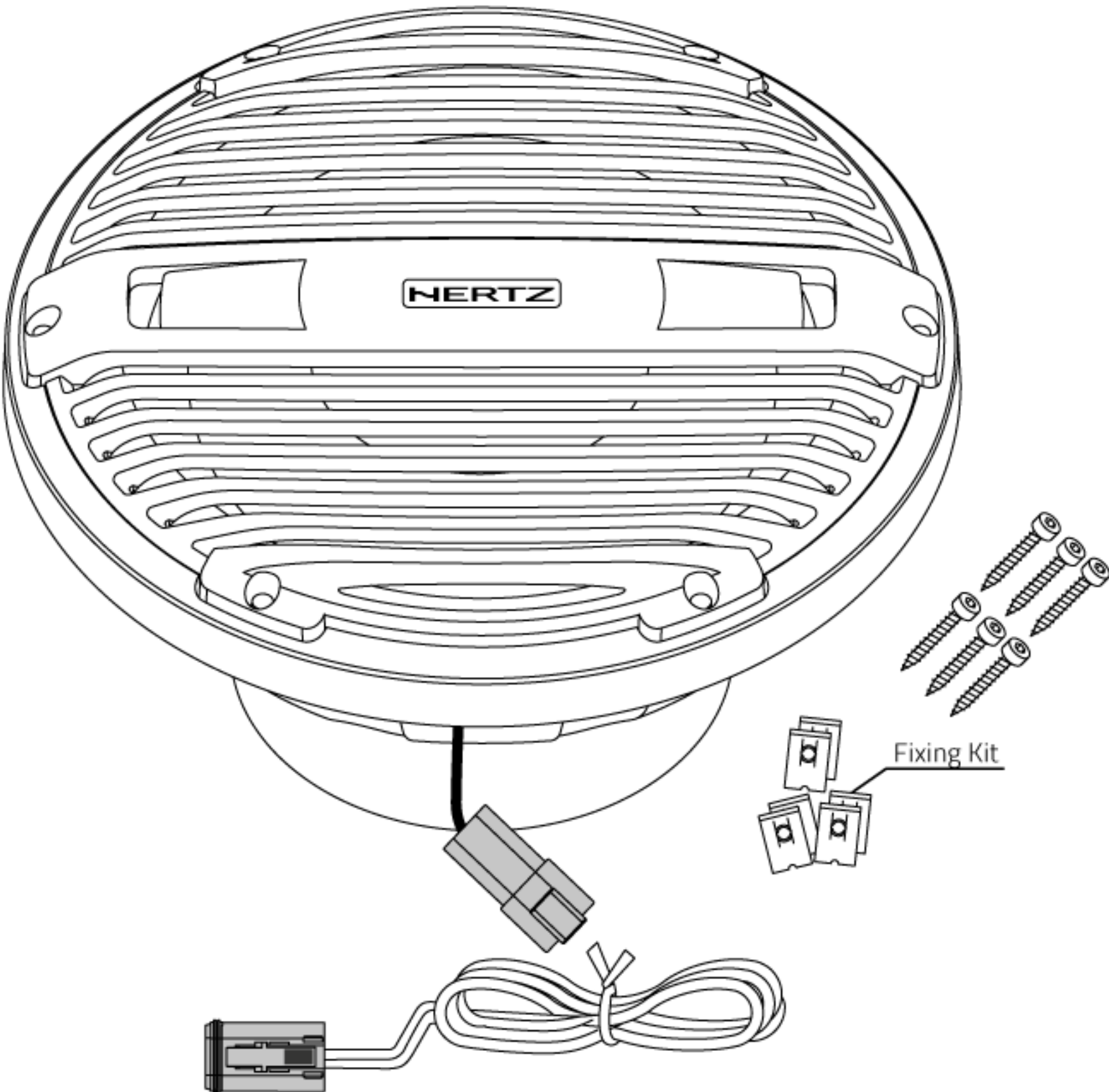
**HMX 8 / HMX 8-C / HMX 8-LD / HMX 8-LD-C
/ HMX 8-TC / HMX 8-TW / HMX 8-LD-TC /
HMX 8-LD-TW**



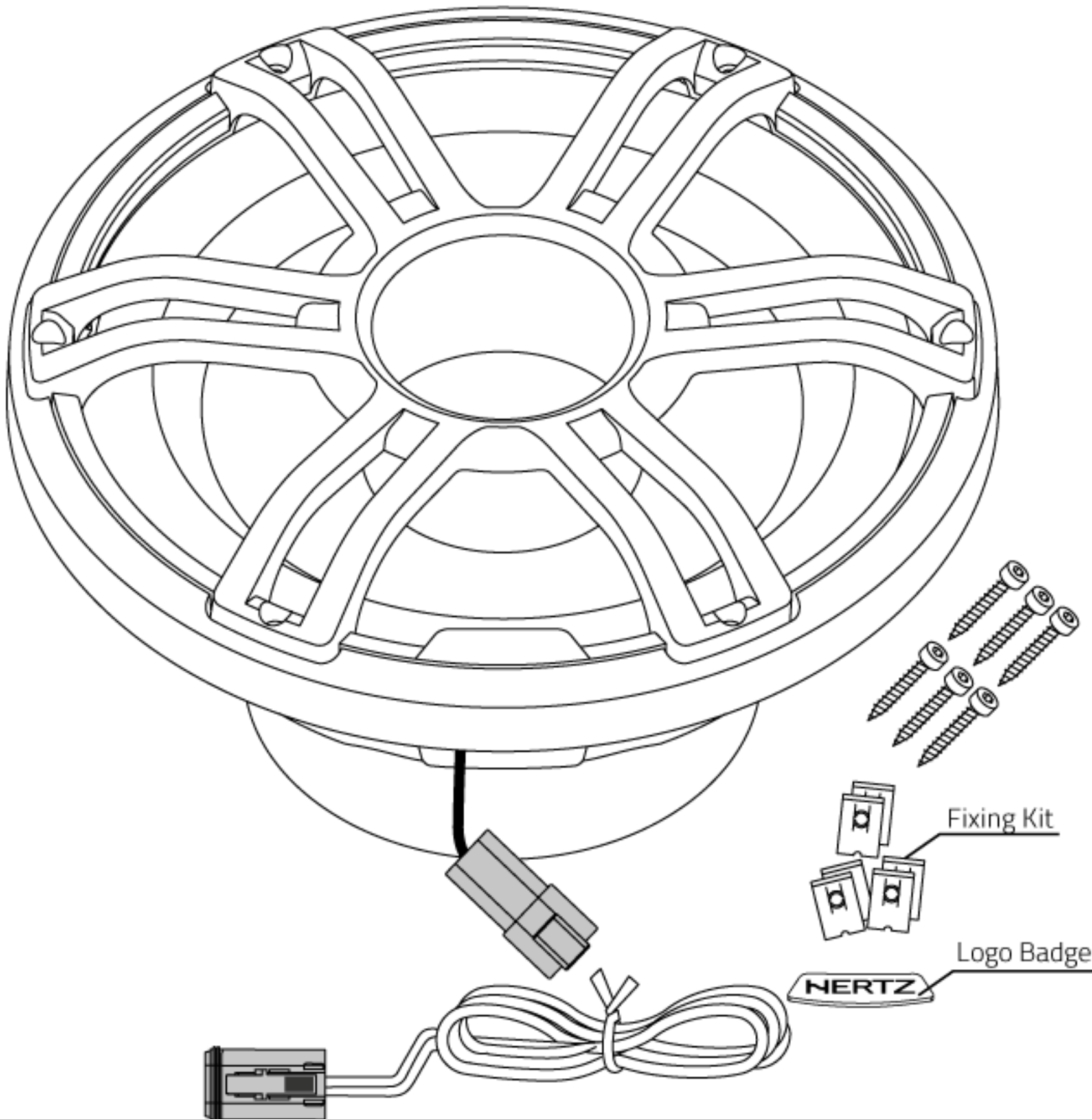
HMX 8 S-LD-G / HMX 8 S-LD-SW



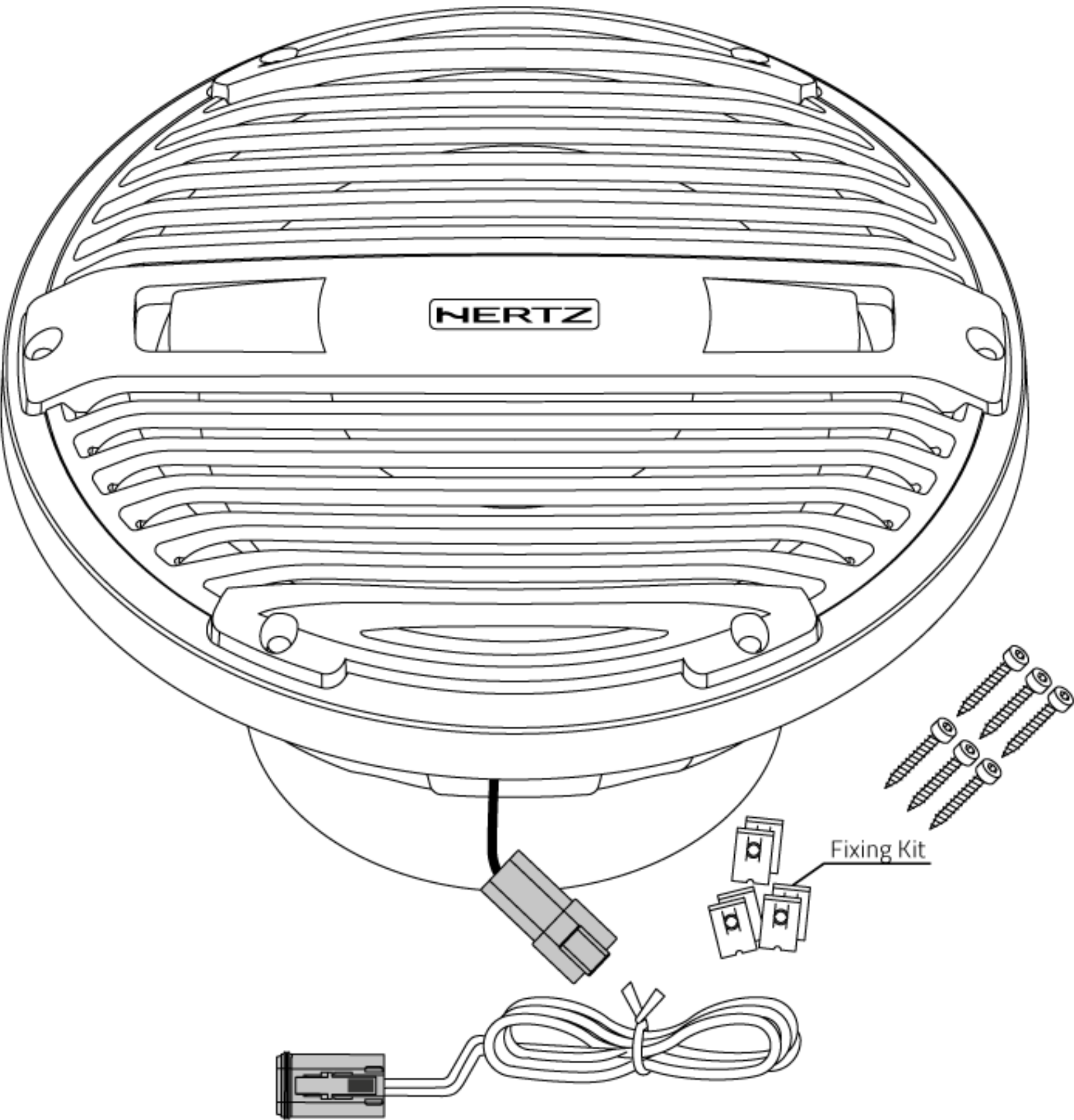
**HMS 10 B2-LD-W / HMS 10 B4-LD-W /
HMS 10 B2-LD-C / HMS 10 B4-LD-C**



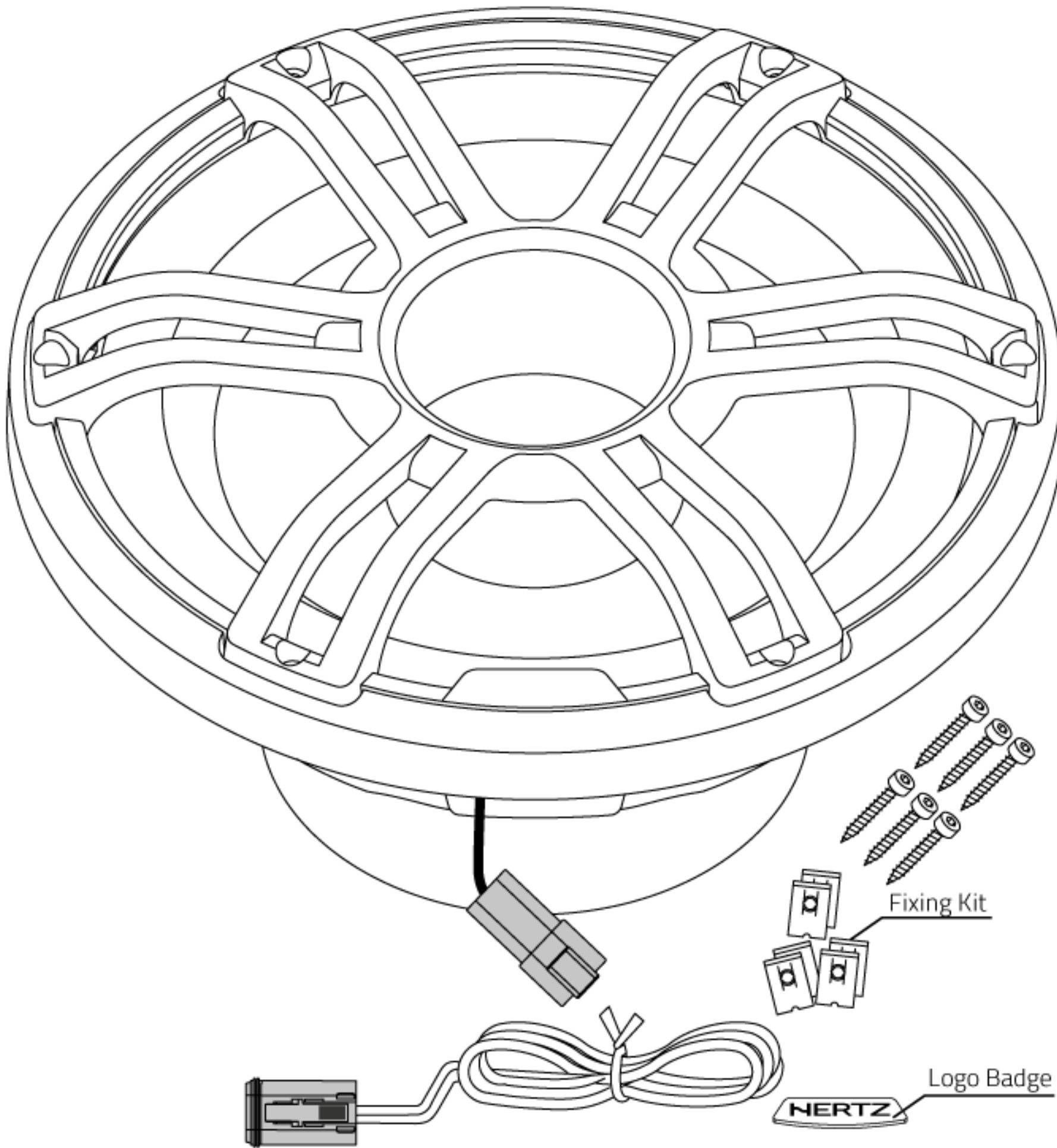
**HMS 10 S2-LD-SW.1 / HMS 10 S4-LD-SW.1 /
HMS 10 S2-LD-G.1 / HMS 10 S4-LD-G.1**



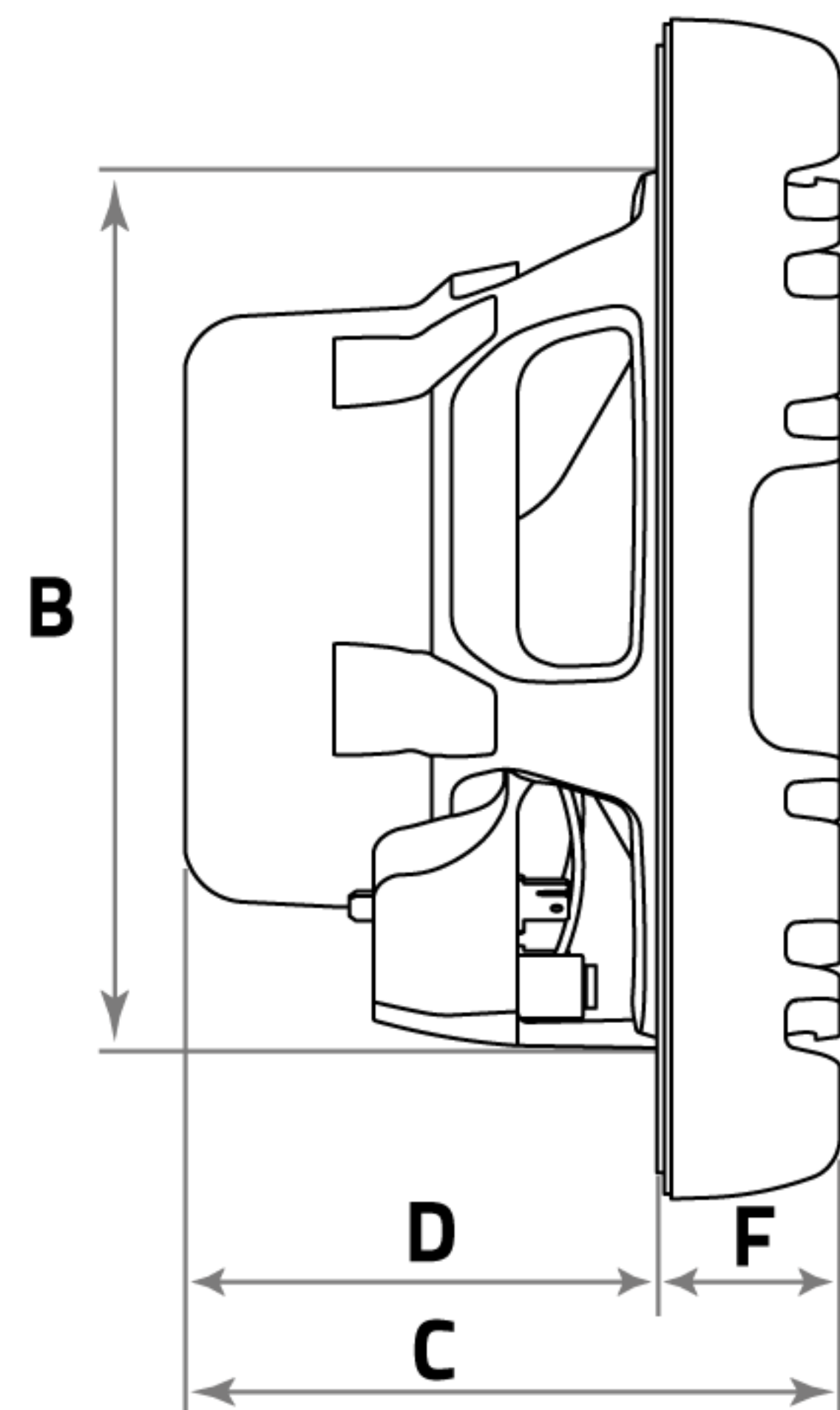
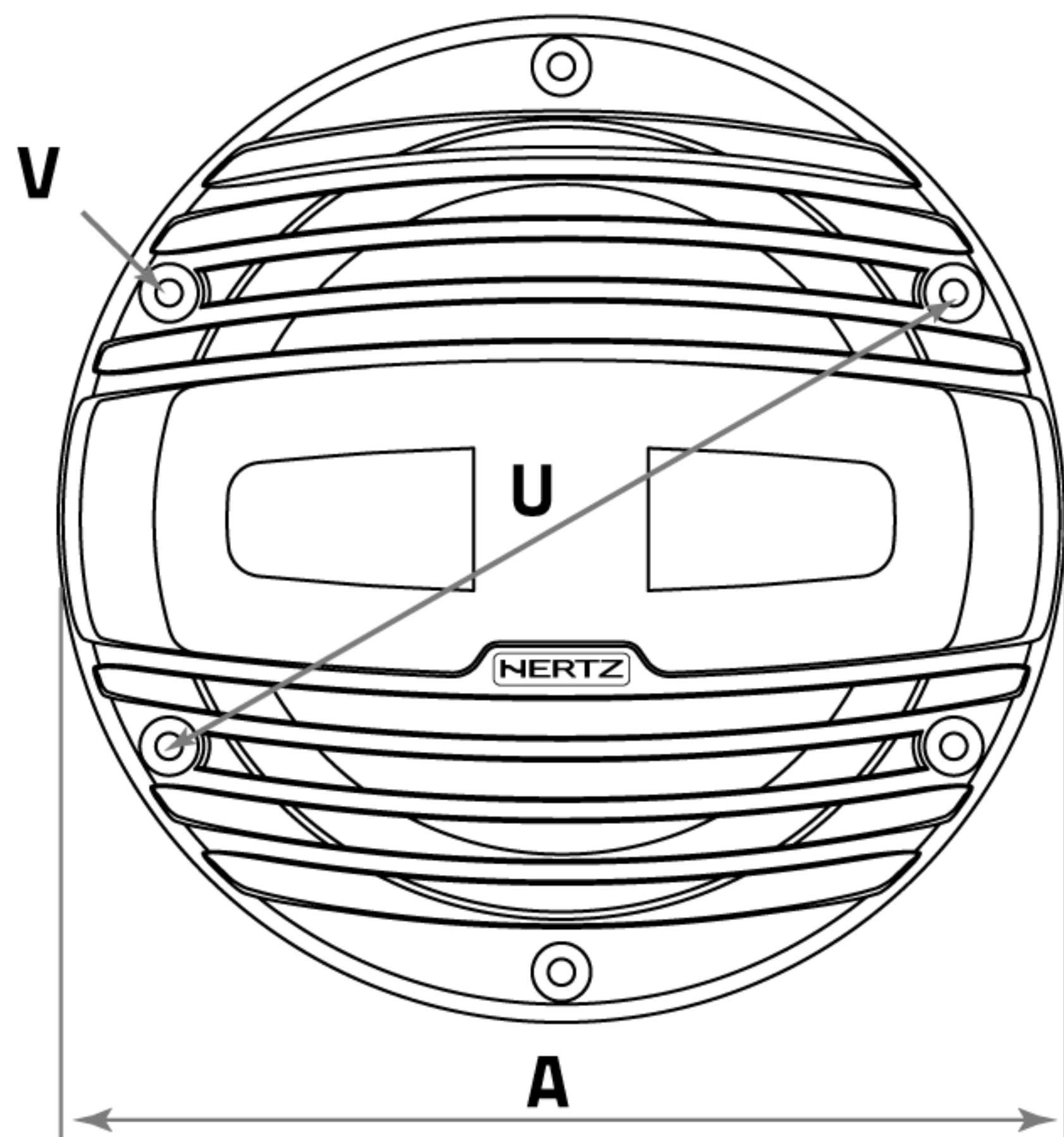
**HMS 12 B2-LD-W / HMS 12 B4-LD-W
HMS 12 B2-LD-C / HMS 12 B4-LD-C**



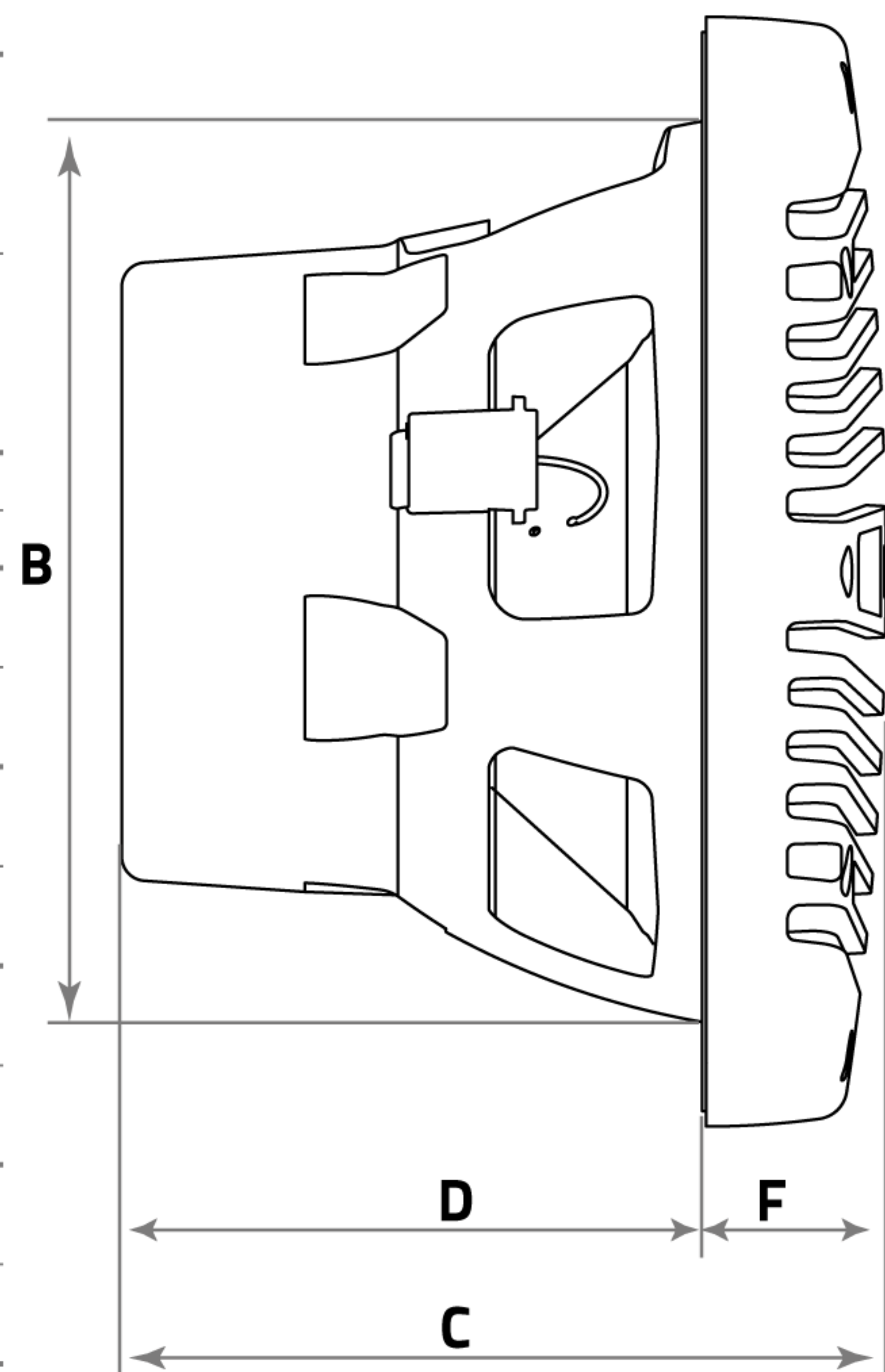
**HMS 12 S2-LD-G / HMS 12 S4-LD-G /
HMS 12 S2-LD-SW / HMS 12 S4-LD-SW**



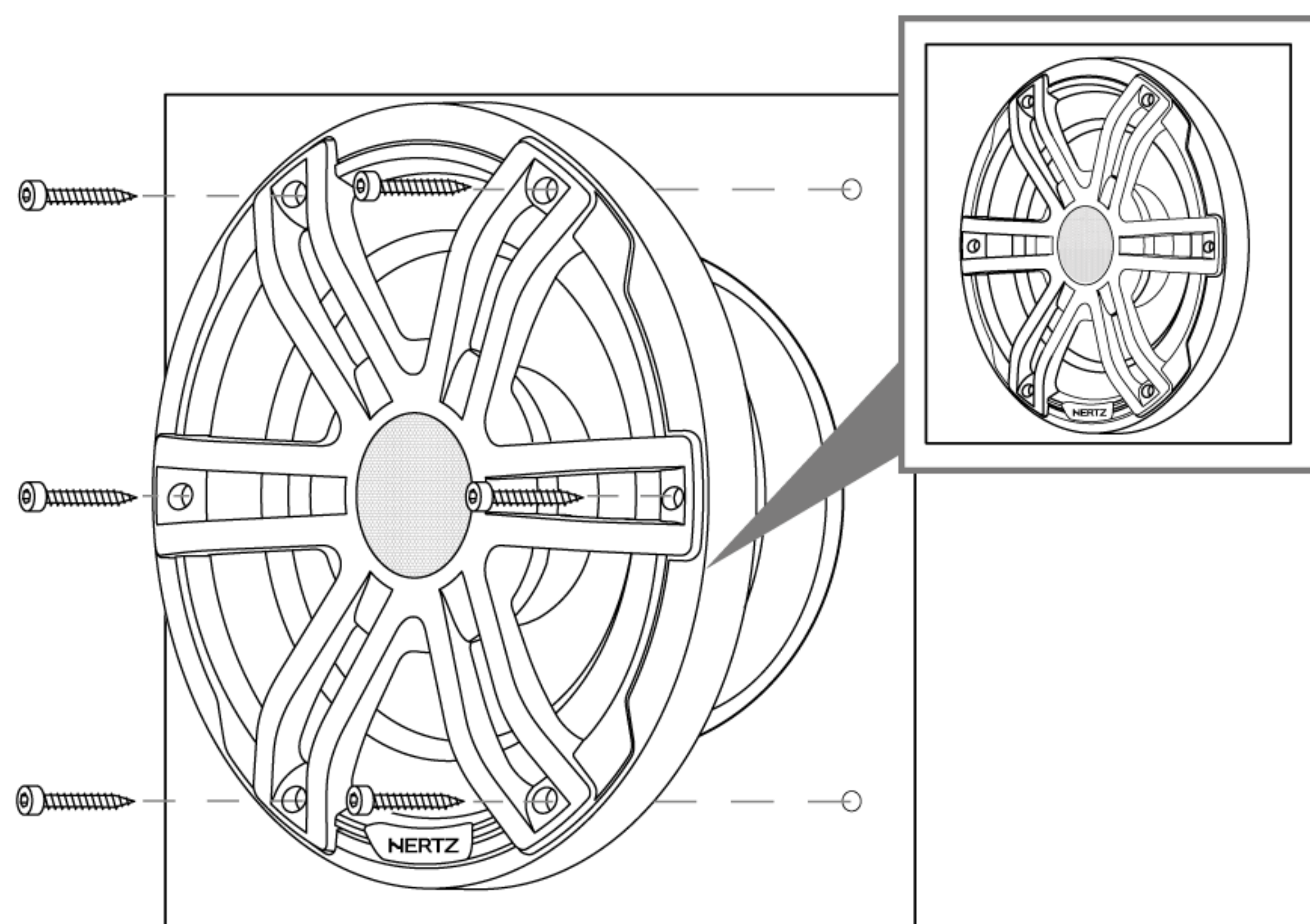
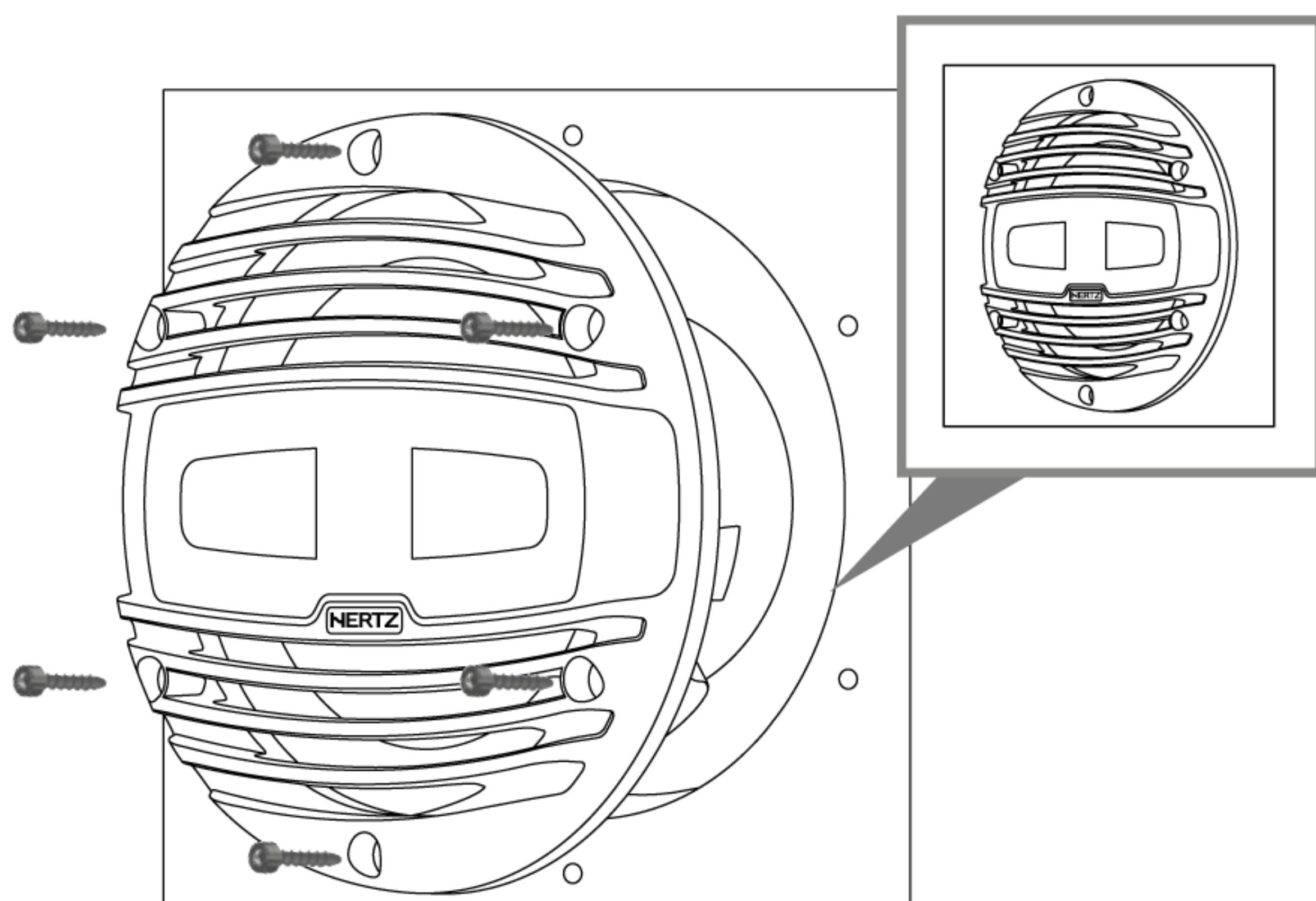
HMX 6.5 / HMX 6.5-C / HMX 6.5-LD / HMX 6.5-LD-C / HMX 6.5-TC / HMX 6.5-TW / HMX 6.5-LD-TC / HMX 6.5-LD-TW / HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW / HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW / HMX 8 / HMX 8-C / HMX 8-LD / HMX 8-LD-C / HMX 8-TC / HMX 8-TW / HMX 8-LD-TC / HMX 8-LD-TW / HMX 8 S-LD-G / HMX 8 S-LD-SW / HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 / HMS 12 B2-LD-W / HMS 12 B4-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-C / HMS 12 S4-LD-G / HMS 12 S2-LD-G / HMS 12 S2-LD-SW / HMS 12 S4-LD-SW



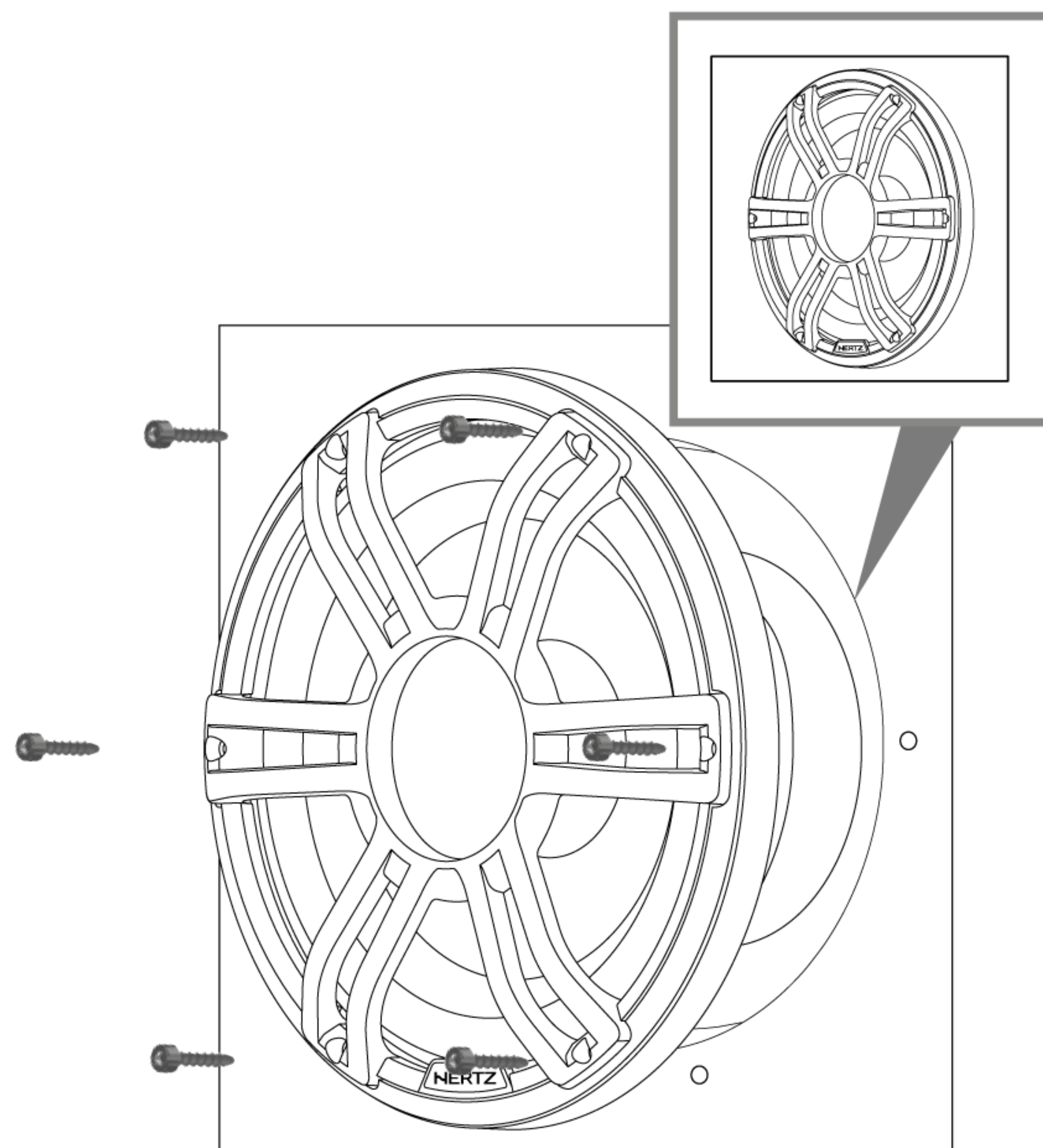
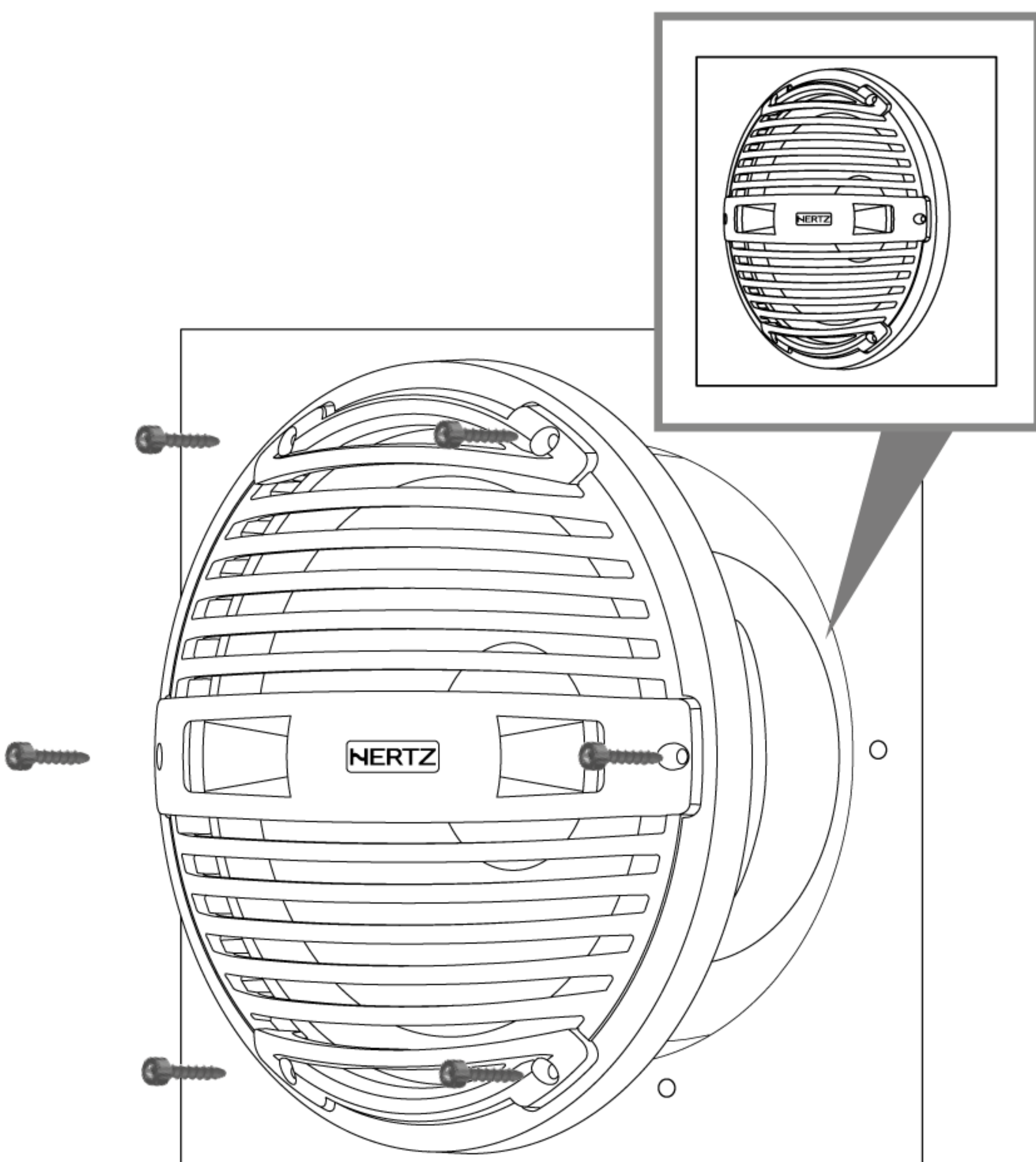
	A	B	C	D	F	U	V	
HMX 6.5 HMX 6.5-C HMX 6.5-TC HMX 6.5-TW HMX 6.5-LD HMX 6.5-LD-C HMX 6.5-LD-TC HMX 6.5-LD-TW	172,2	128	95,6	69	26,6	155	4,5	mm
HMX 6.5 S-LD-G HMX 6.5 S-LD-SW	6.78	5.04	3.76	2.72	1.05	6.1	0.18	in.
HMX 7.7 S-LD-G HMX 7.7 S-LD-SW	173,6	128	100,1	69	31,2	155	4,5	mm
HMX 8 HMX 8-C HMX 8-TC HMX 8-TW HMX 8-LD HMX 8-LD-C HMX 8-LD-TC HMX 8-LD-TW	6.83	5.4	3.94	2.72	1.23	6.1	0.18	in.
HMX 8 S-LD-G HMX 8 S-LD-SW	196	158	113	79	34	176	4,5	mm
HMS 10 B2-LD-W HMS 10 B4-LD-W HMS 10 B2-LD-C HMS 10 B4-LD-C	7.71	6.22	4.44	3.11	1.33	6.9	0.18	in.
HMS 10 S2-LD-SW.1 HMS 10 S4-LD-SW.1 HMS 10 S2-LD-G.1 HMS 10 S4-LD-G.1	225	180	123	91	32	205	5	mm
HMS 12 B2-LD-W HMS 12 B4-LD-W HMS 12 B2-LD-C HMS 12 B4-LD-C	8.86	7.09	4.84	3.58	1.19	8.07	0.2	in.
HMS 12 S2-LD-G HMS 12 S4-LD-G HMS 12 S2-LD-SW HMS 12 S4-LD-SW	225	180	128,6	91	37,6	205	5	mm
	8.86	7.09	5.06	3.58	1.48	8.07	0.2	in.
	280	227	165	116	49	254	5,5	mm
	11	8.93	6.5	4.56	1.92	10	0.22	in.
	280	227	164	116	48	254	5,5	mm
	11.4	8.93	6.45	4.56	1.88	10	0.22	in.
	342,9	279,4	190,9	140,6	50,3	314	5,5	mm
	13.50	11	7.52	5.54	1.98	12.36	0.22	in.
	342,9	279,4	192,8	140,6	52,2	314	5,5	mm
	13.50	11	7.59	5.54	2.06	12.36	0.22	in.



**HMX 6.5 / HMX 6.5-C / HMX 6.5-LD / HMX 6.5-LD-C / HMX 6.5-TC / HMX 6.5-TW / HMX 6.5-LD-TC
 / HMX 6.5-LD-TW / HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW / HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW /
 HMX 8 / HMX 8-C / HMX 8-LD / HMX 8-LD-C / HMX 8-TC / HMX 8-TW / HMX 8-LD-TC / HMX 8-LD-TW
 / HMX 8 S-LD-G / HMX 8 S-LD-SW**

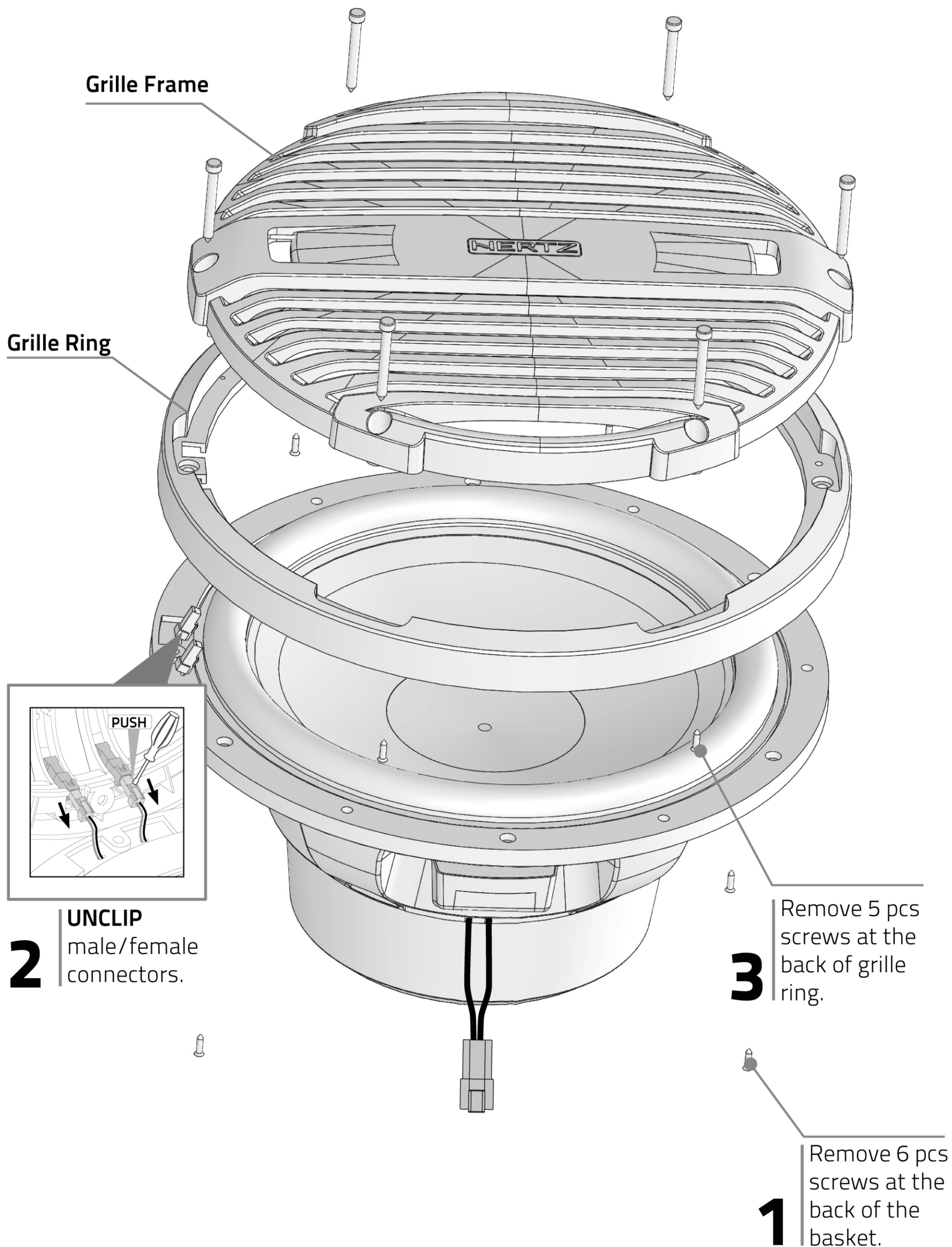


**HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1
 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 / HMS 12 B2-LD-W / HMS 12 B4-LD-W
 / HMS 12 B2-LD-C / HMS 12 B4-LD-C / HMS 12 S4-LD-G / HMS 12 S2-LD-G / HMS 12 S2-LD-SW
 / HMS 12 S4-LD-SW**



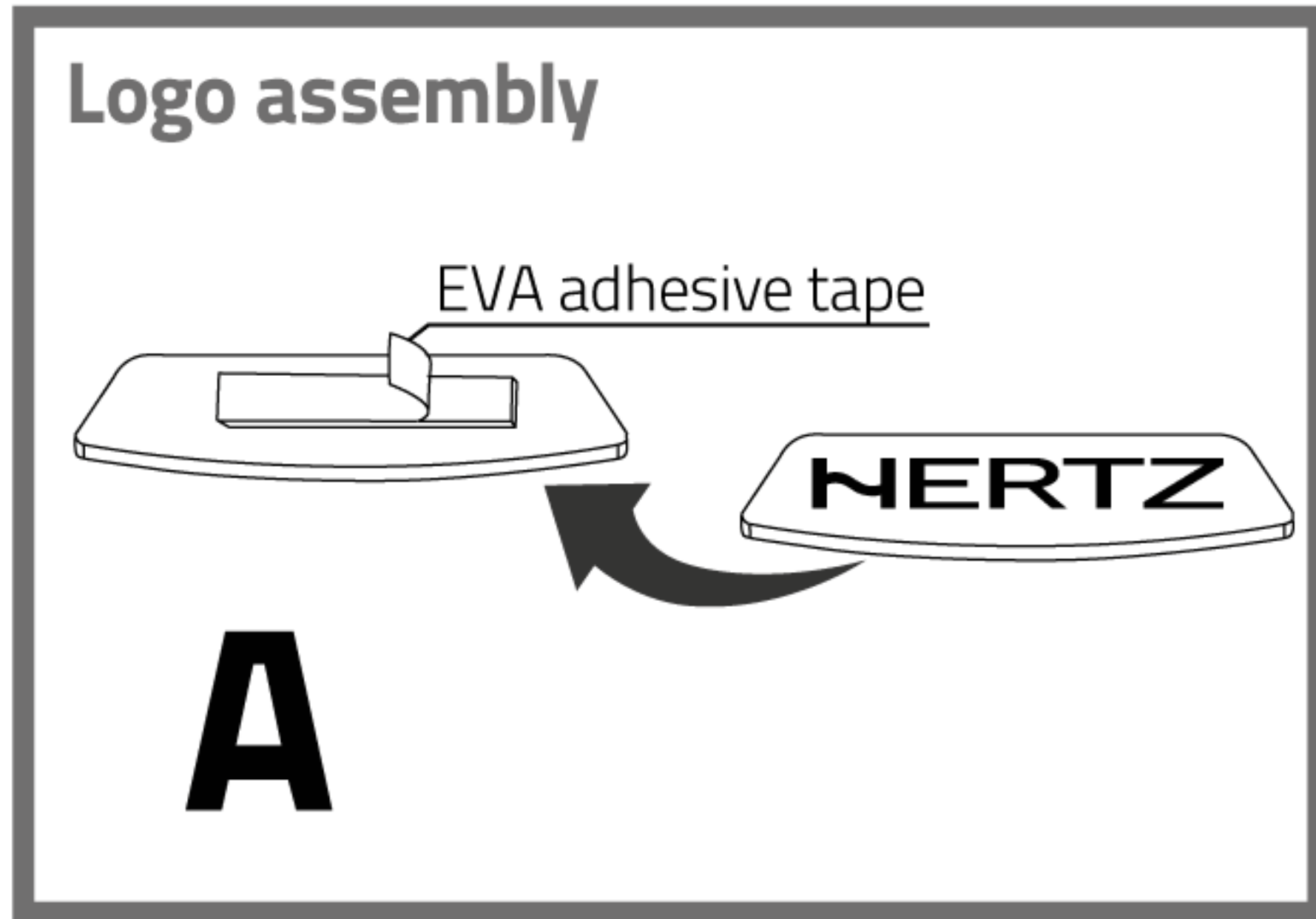
HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 12 B2-LD-W / HMS 12 B4-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-C
Grille disassembly / assembly

Follow below steps to disassembly the grille. To re-assembly follow the steps back from 3 to 1.



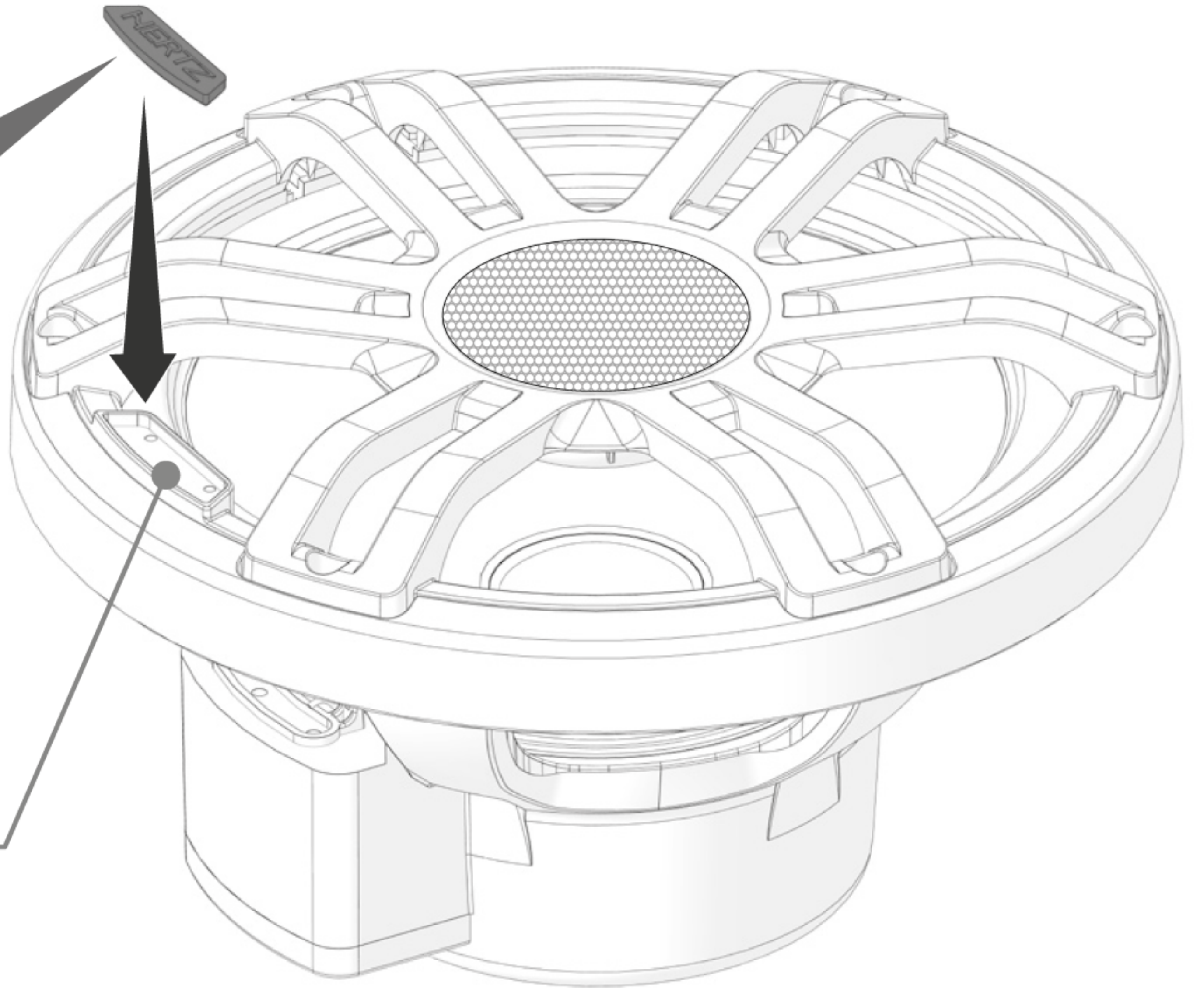
HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW / HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW / HMX 8 S-LD-G / HMX 8 S-LD-SW

Logo / Grille disassembly - assembly.



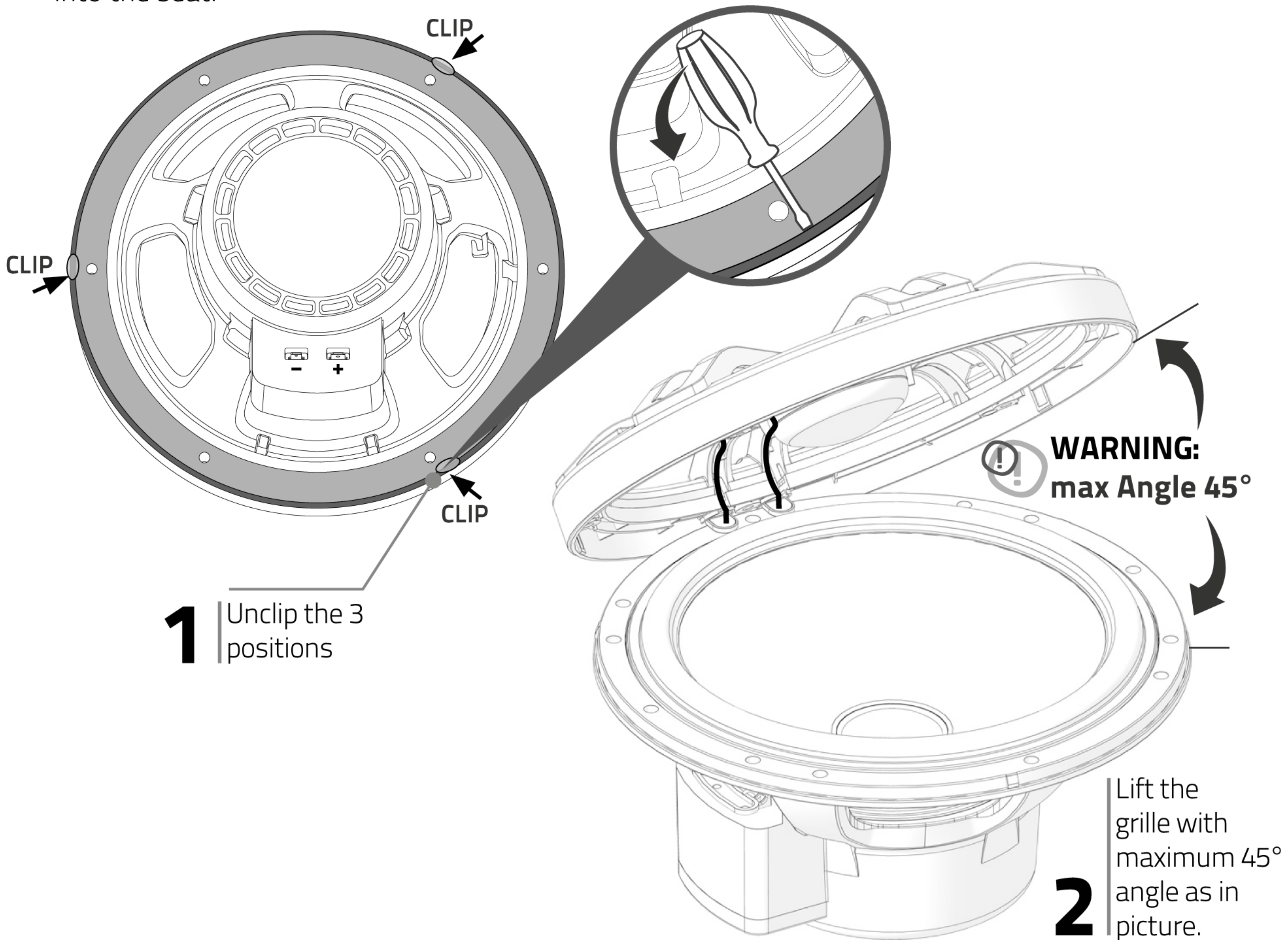
If the grille needs to be custom painted skip to Grille Disassembly/Assembly and then apply logo at the end.

B | Apply the logo



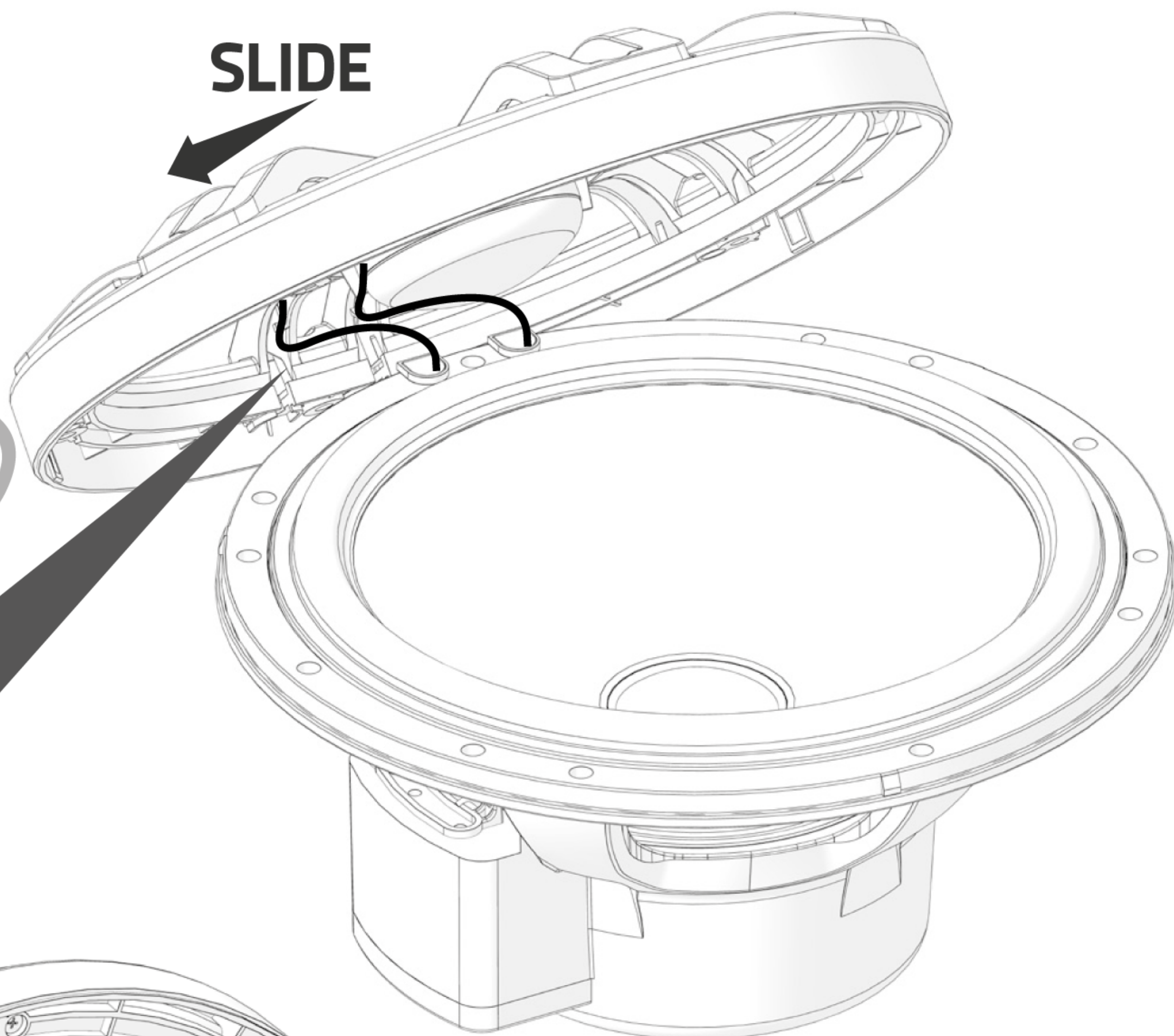
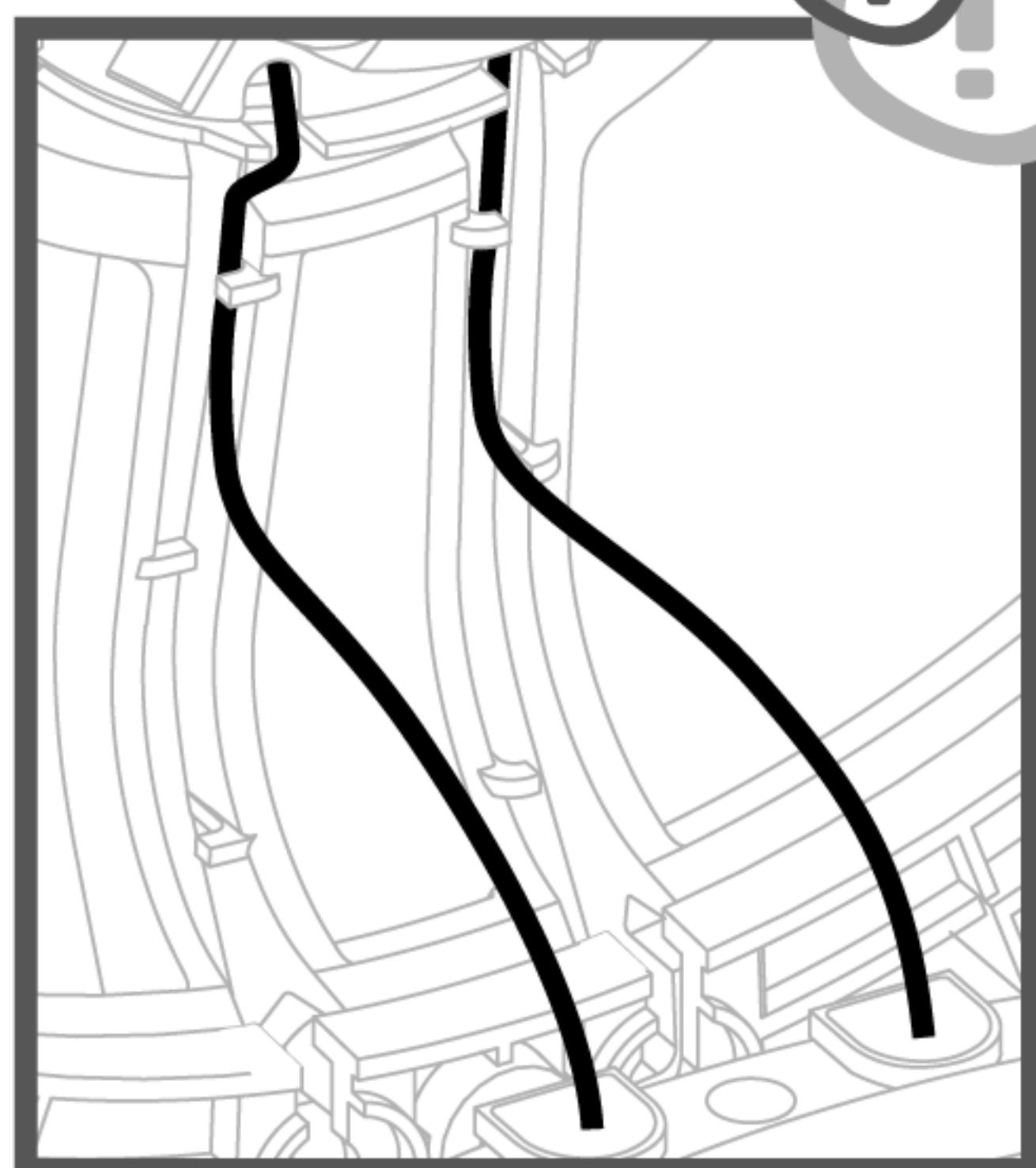
Grille Disassembly / Assembly

Follow below steps to disassembly the grille. To re-assembly follow the steps back from 7 to 1. During re-assembly pay attention to hook first the cables on the top and then insert the cables into the seat.



3 Slide down the grille to remove cables from their housing.

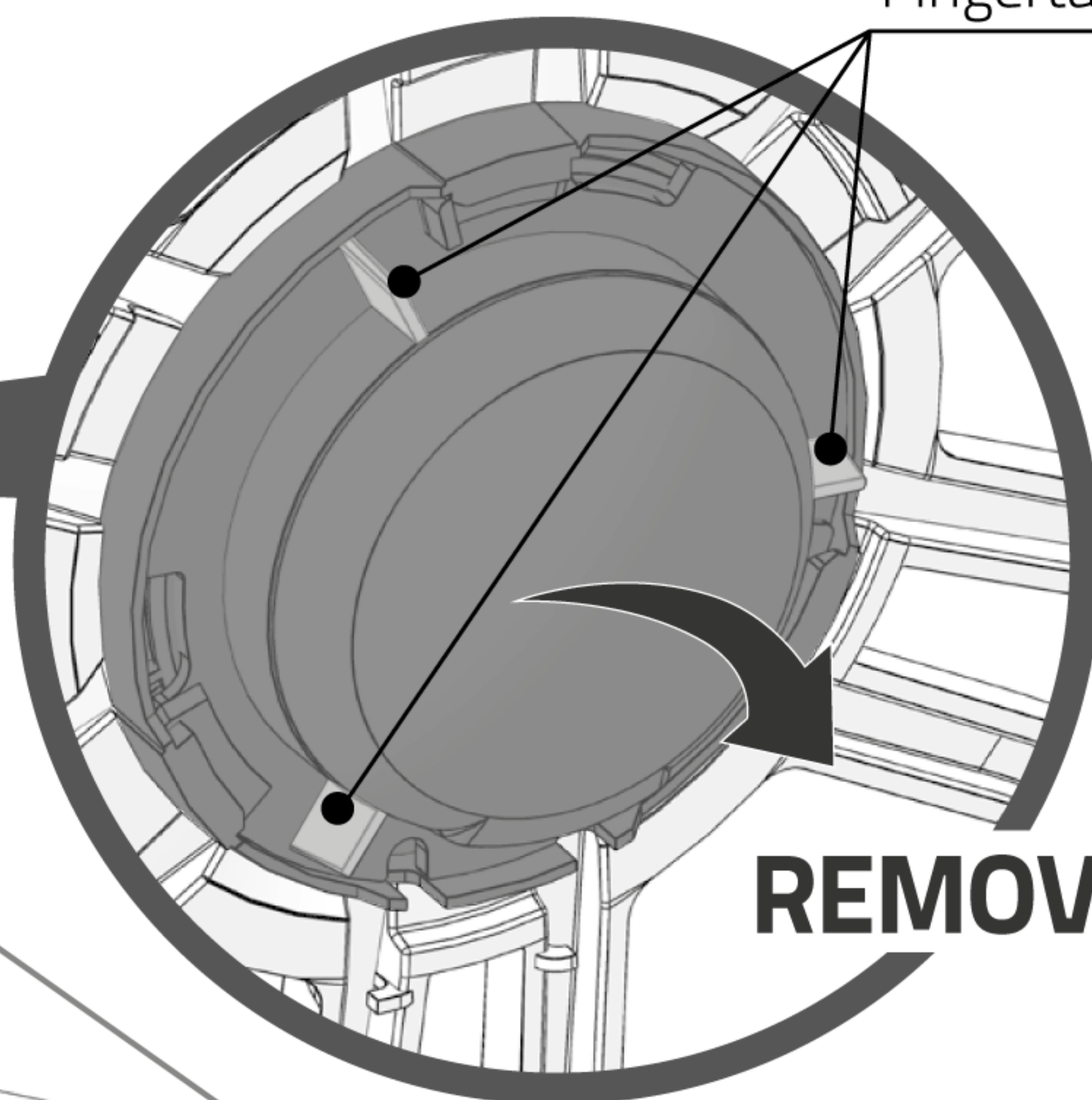
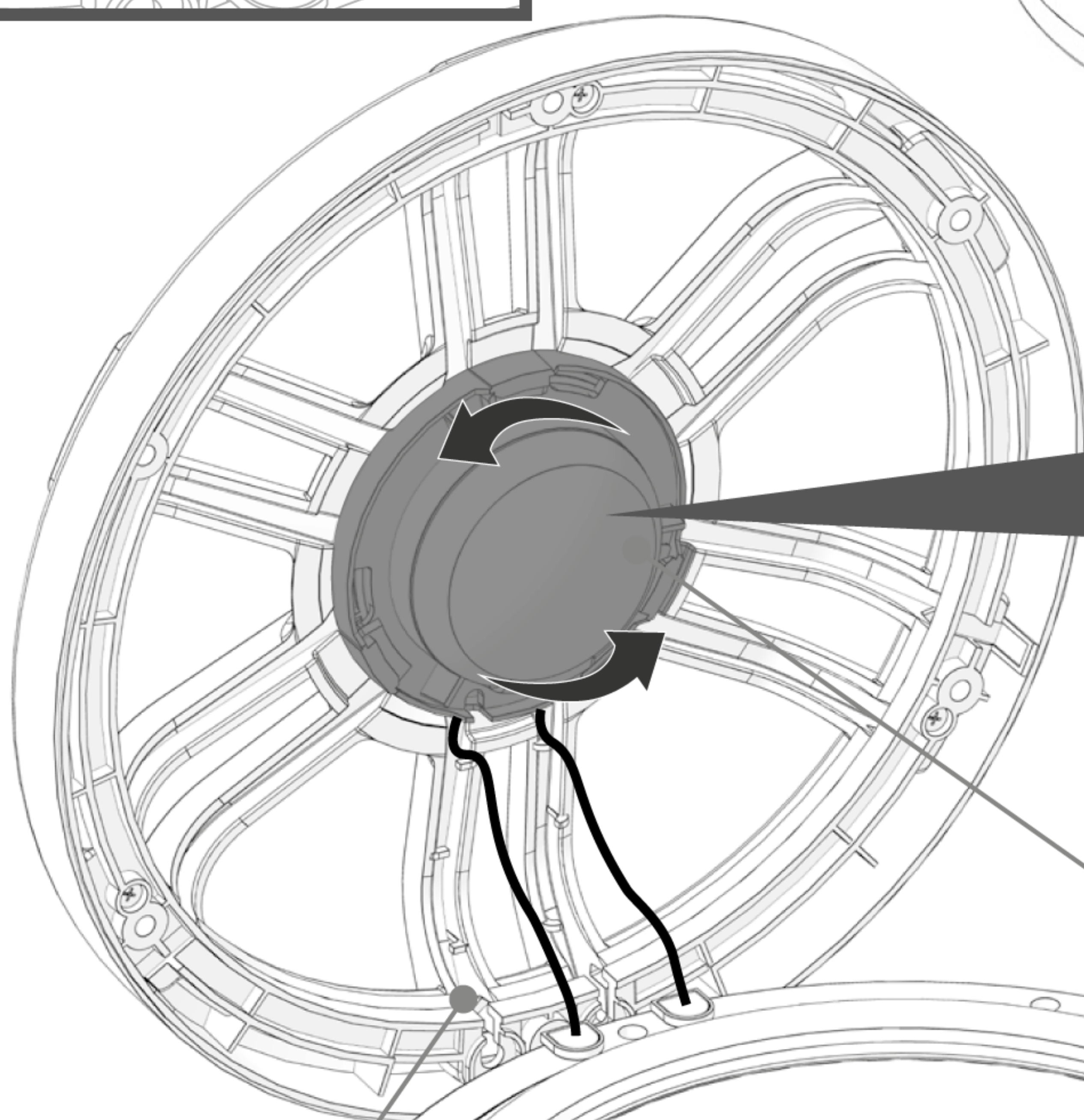
SLIDE



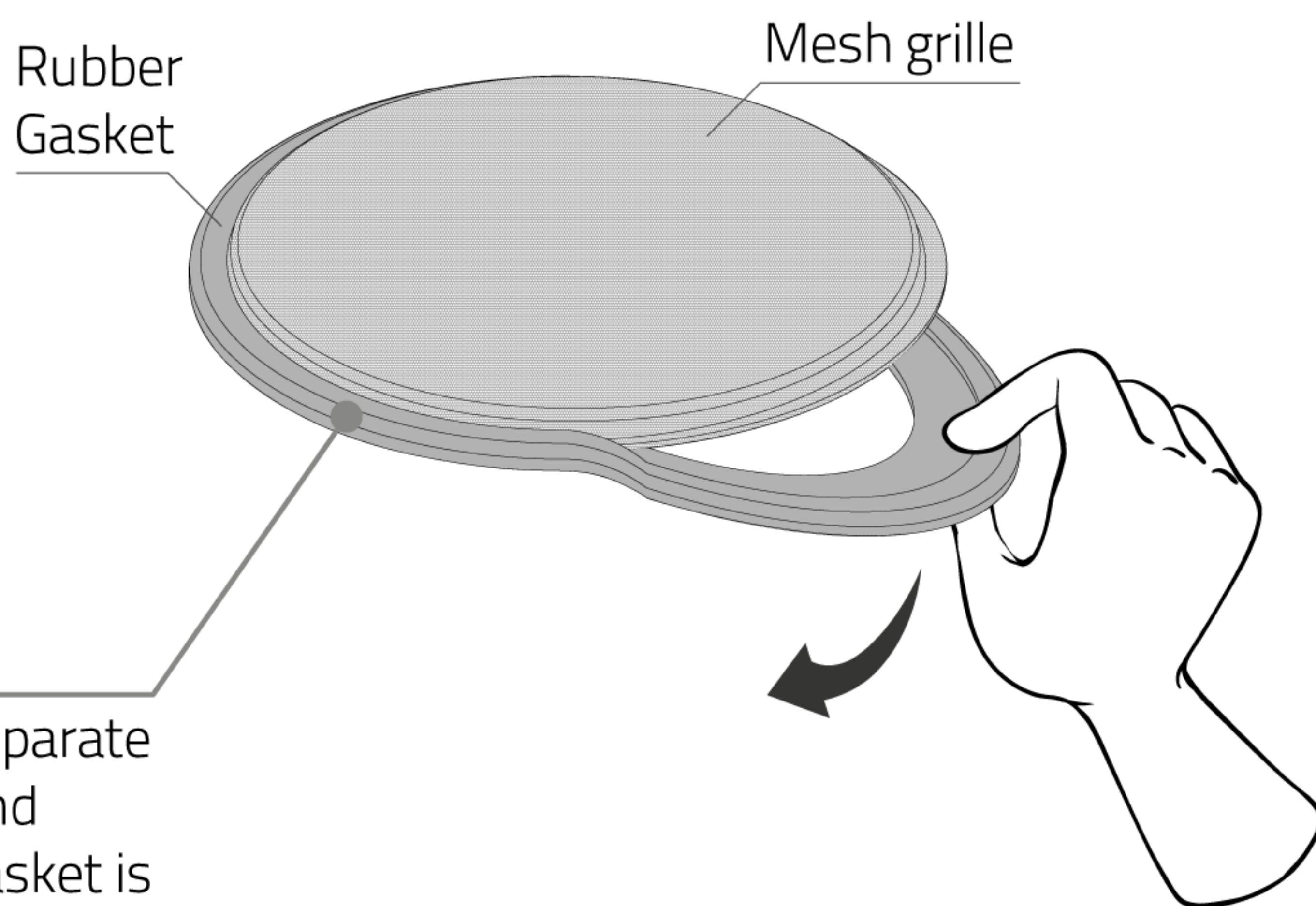
Fingertabs

REMOVE

4 Make sure cables are unclipped from spoke's channel.

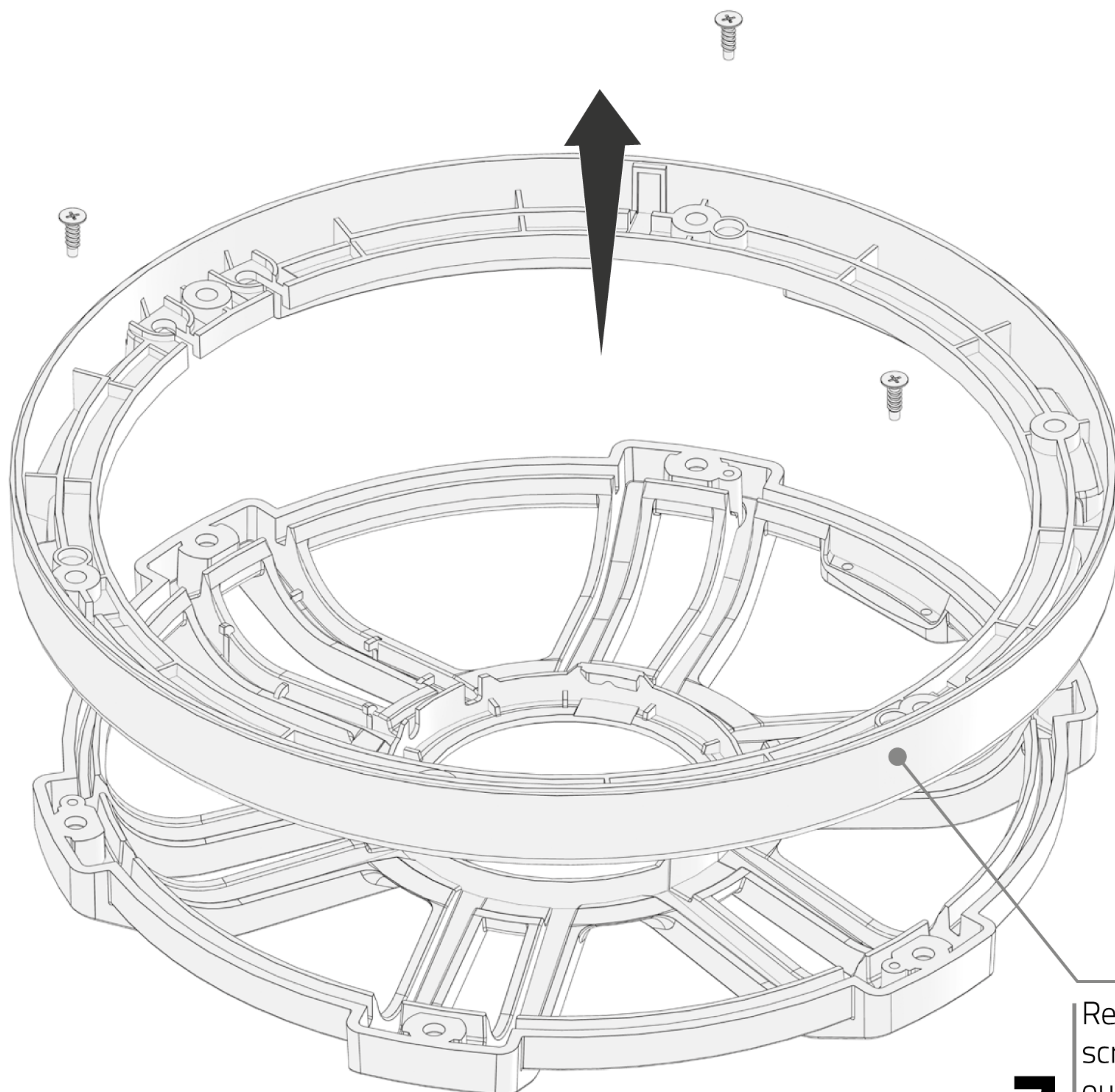


5 Unlock tweeter by rotating the black support anti clockwise. To unlock use the 3 fingertabs (tweeter remains wired to the woofer).



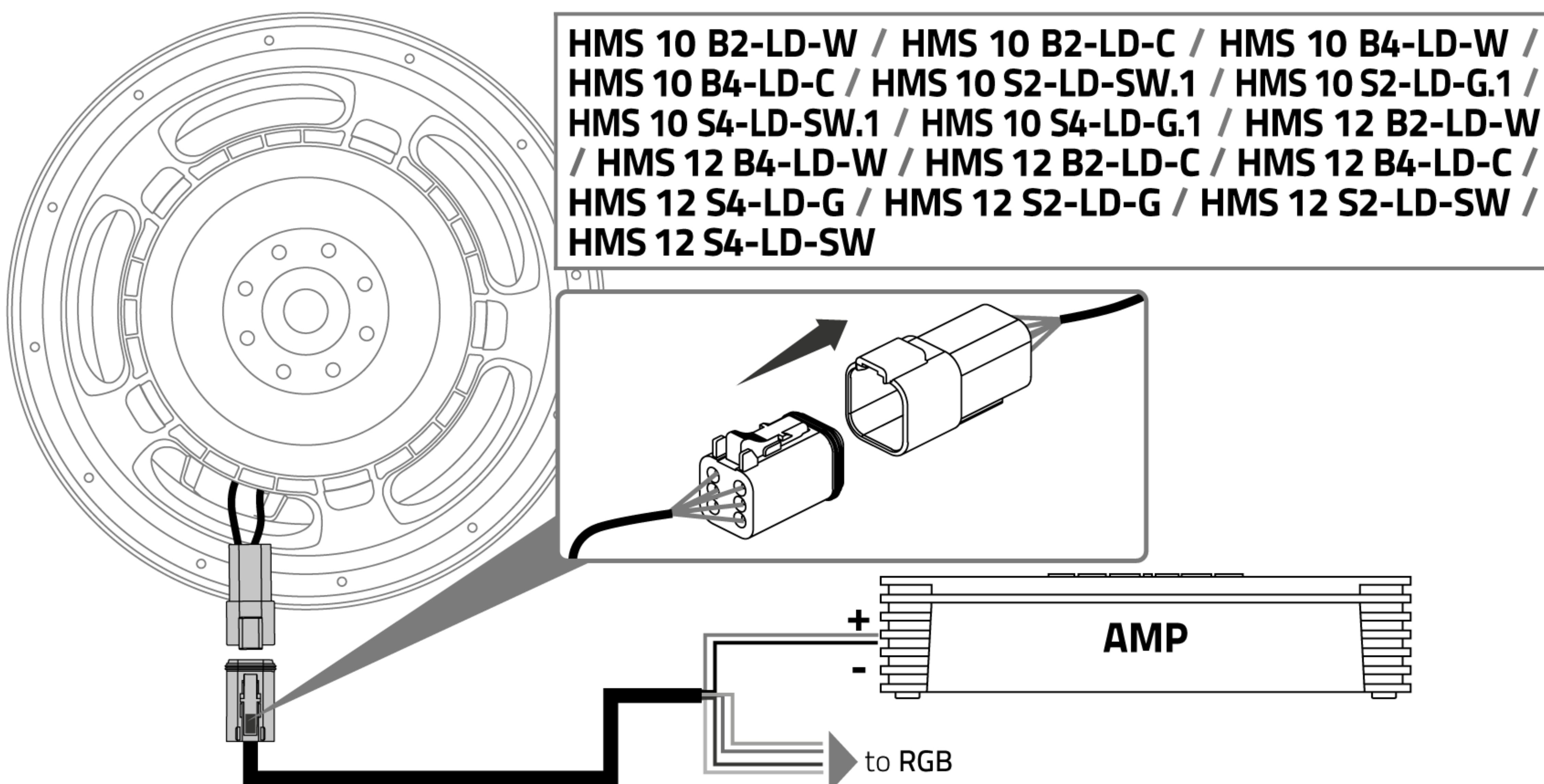
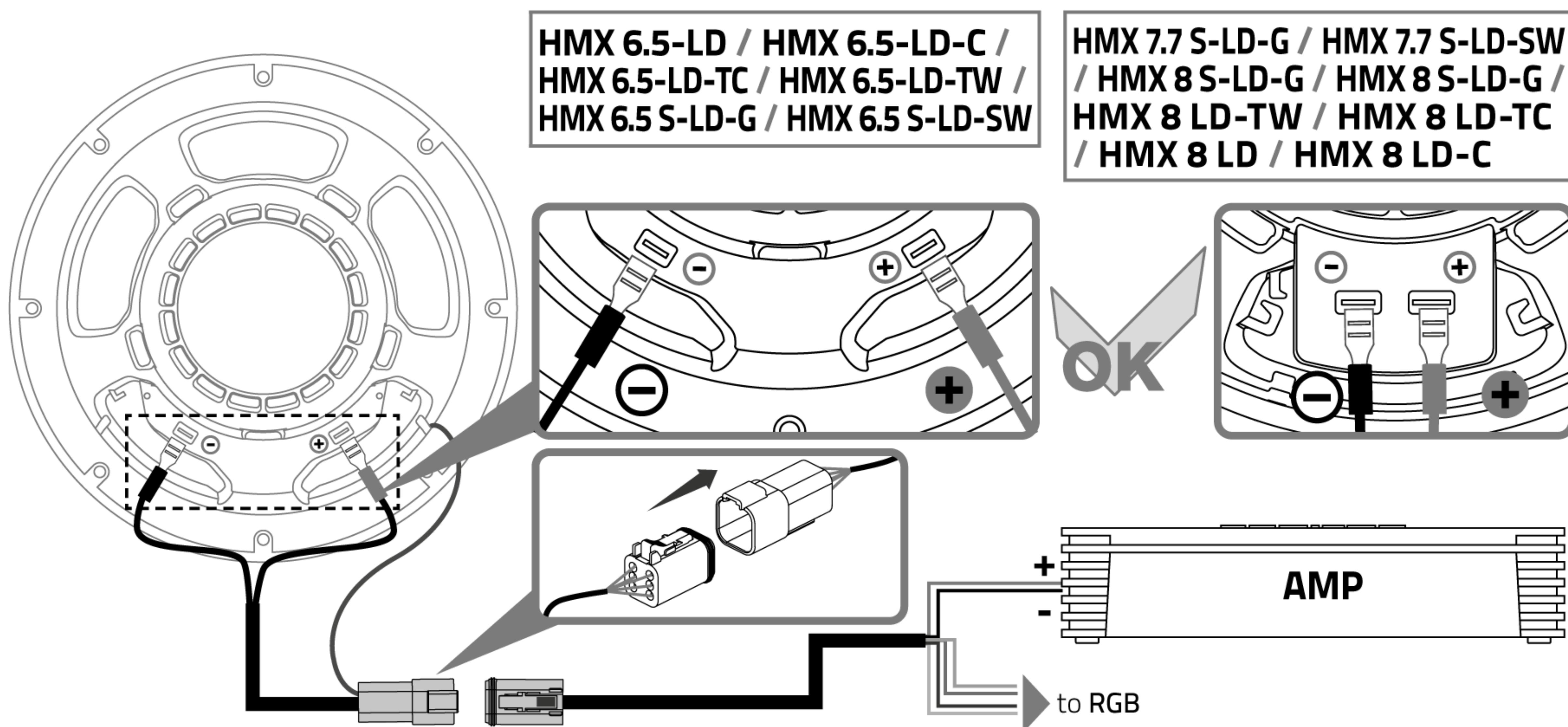
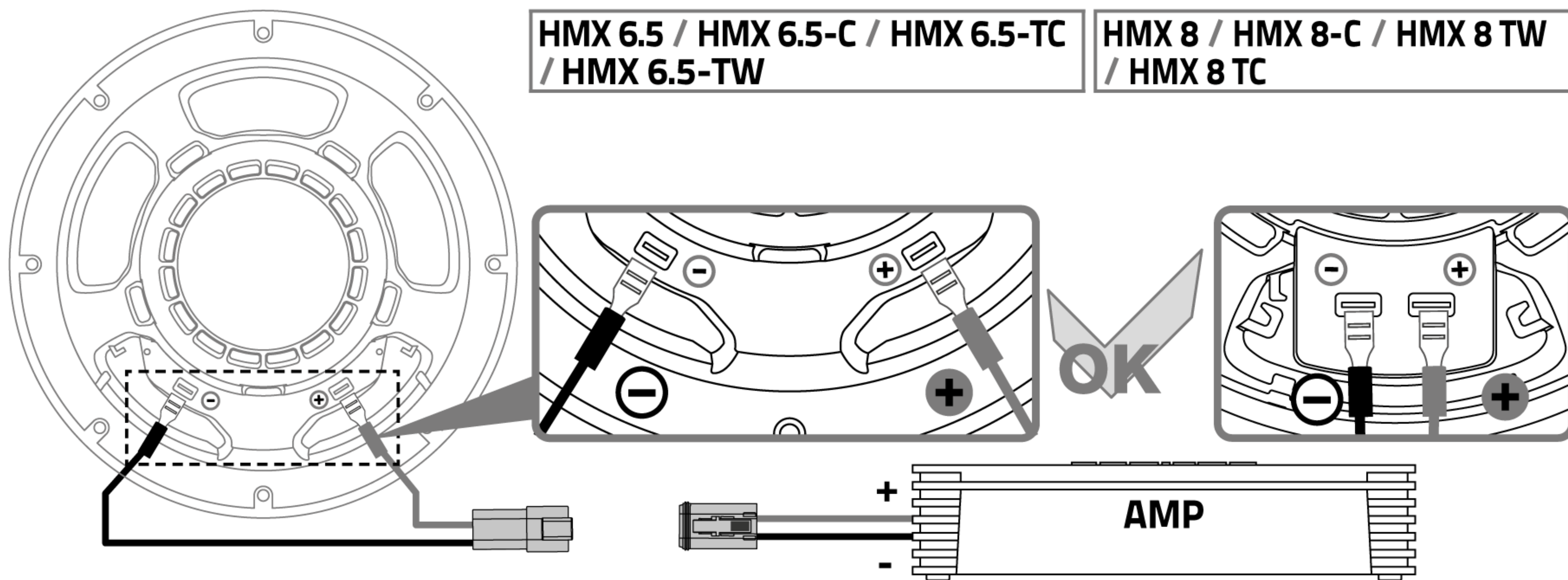
6

Mesh grille is separate from tweeter and grille. Rubber gasket is removable to custom paint the mesh.



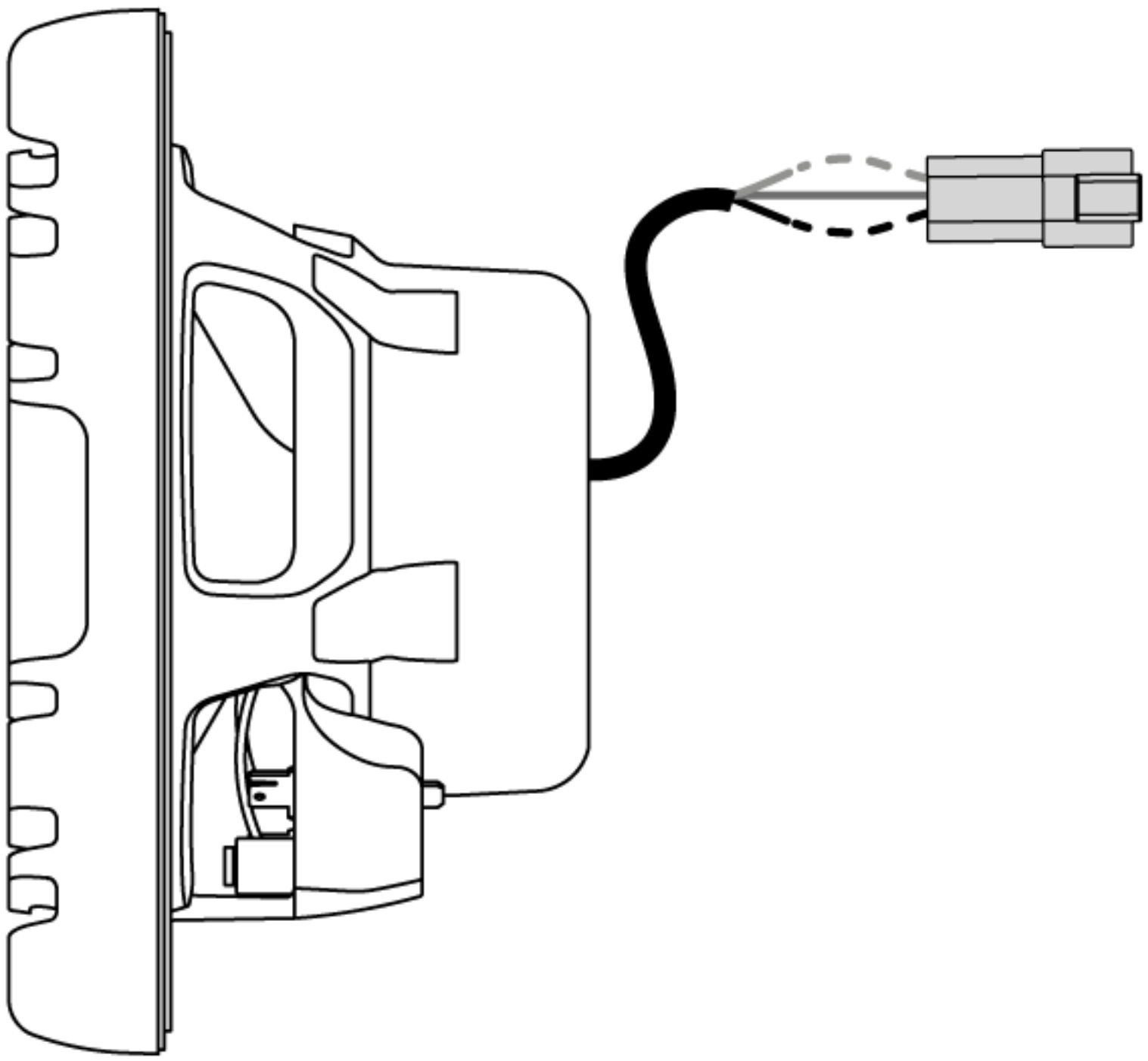
7

Remove the 3 screws to separate outer from inner grille.

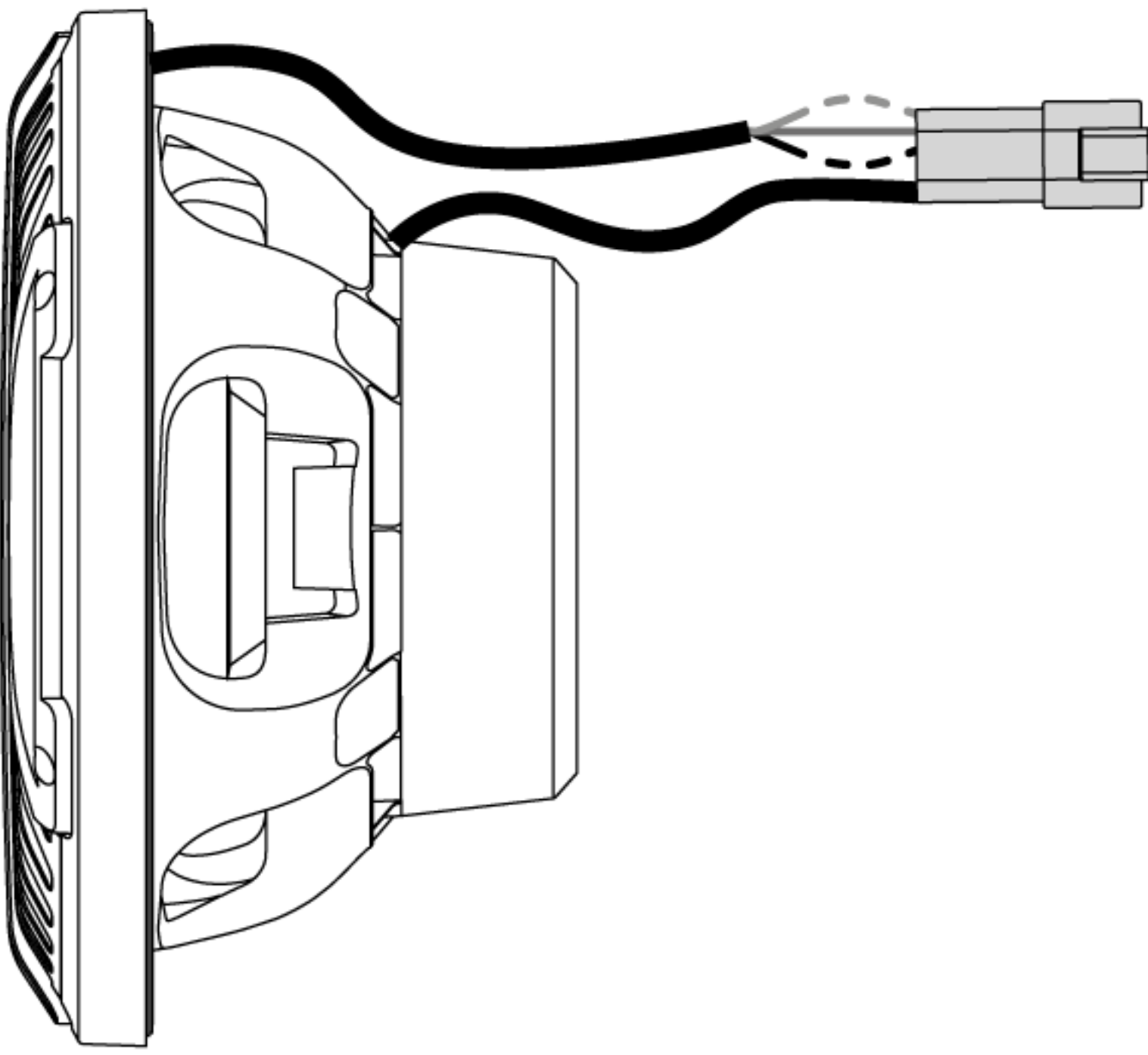


HMX 6.5-LD / HMX 6.5-LD-C / HMX 6.5-LD-TC / HMX 6.5-LD-TW / HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW
 / HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW/ HMX 8-LD / HMX 8-LD-C / HMX 8-LD-TC / HMX 8-LD-TW
 / HMX 8 S-LD-G / HMX 8 S-LD-SW / HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W /
 HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1
 / HMS 12 B2-LD-W / HMS 12 B4-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-C / HMS 12 S4-LD-G /
 HMS 12 S2-LD-G / HMS 12 S2-LD-SW / HMS 12 S4-LD-SW LED direct wiring

HMX 6.5 /HMX 7.7/HMX 8series

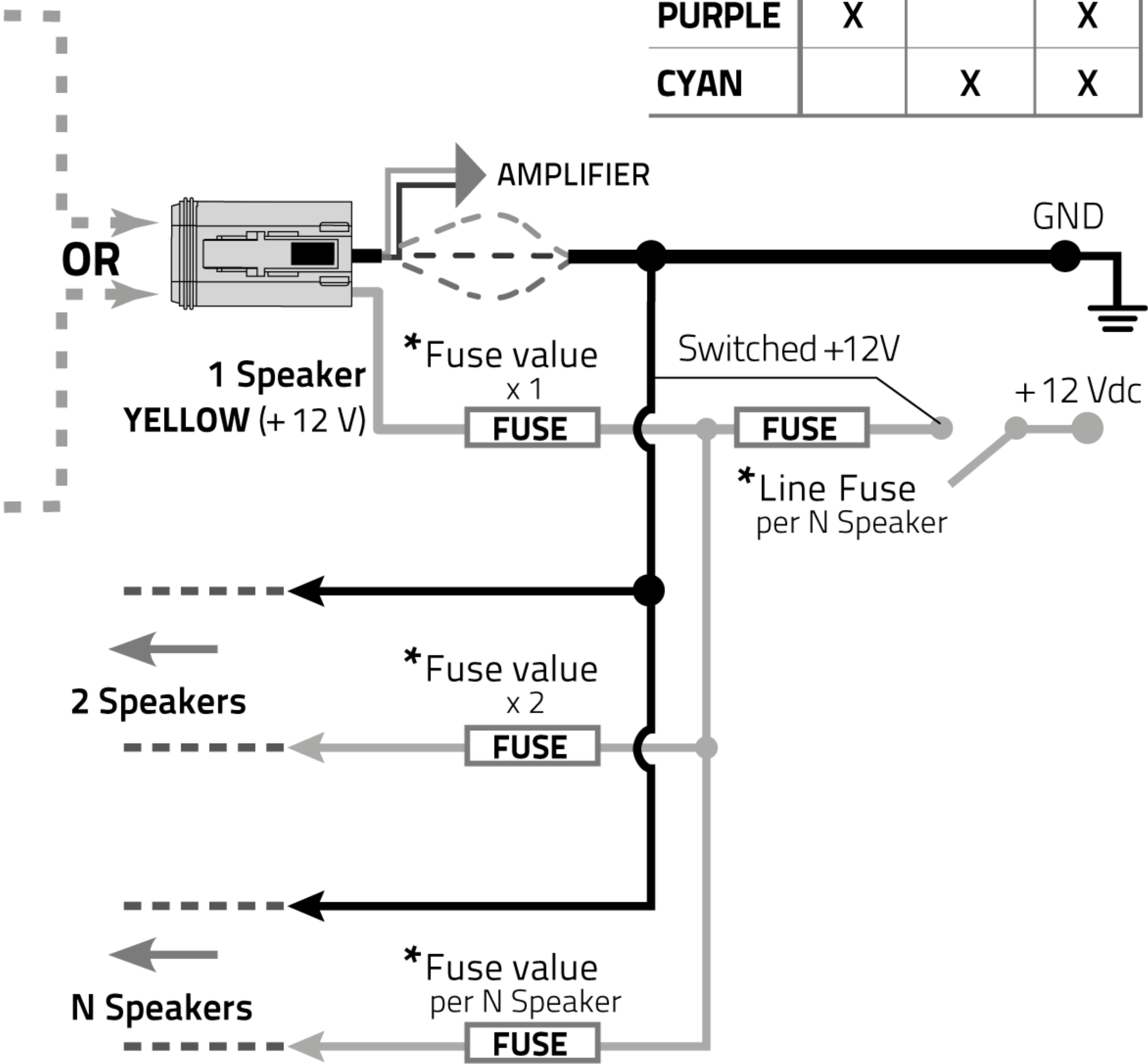


HMS 10 / HMS 12 series

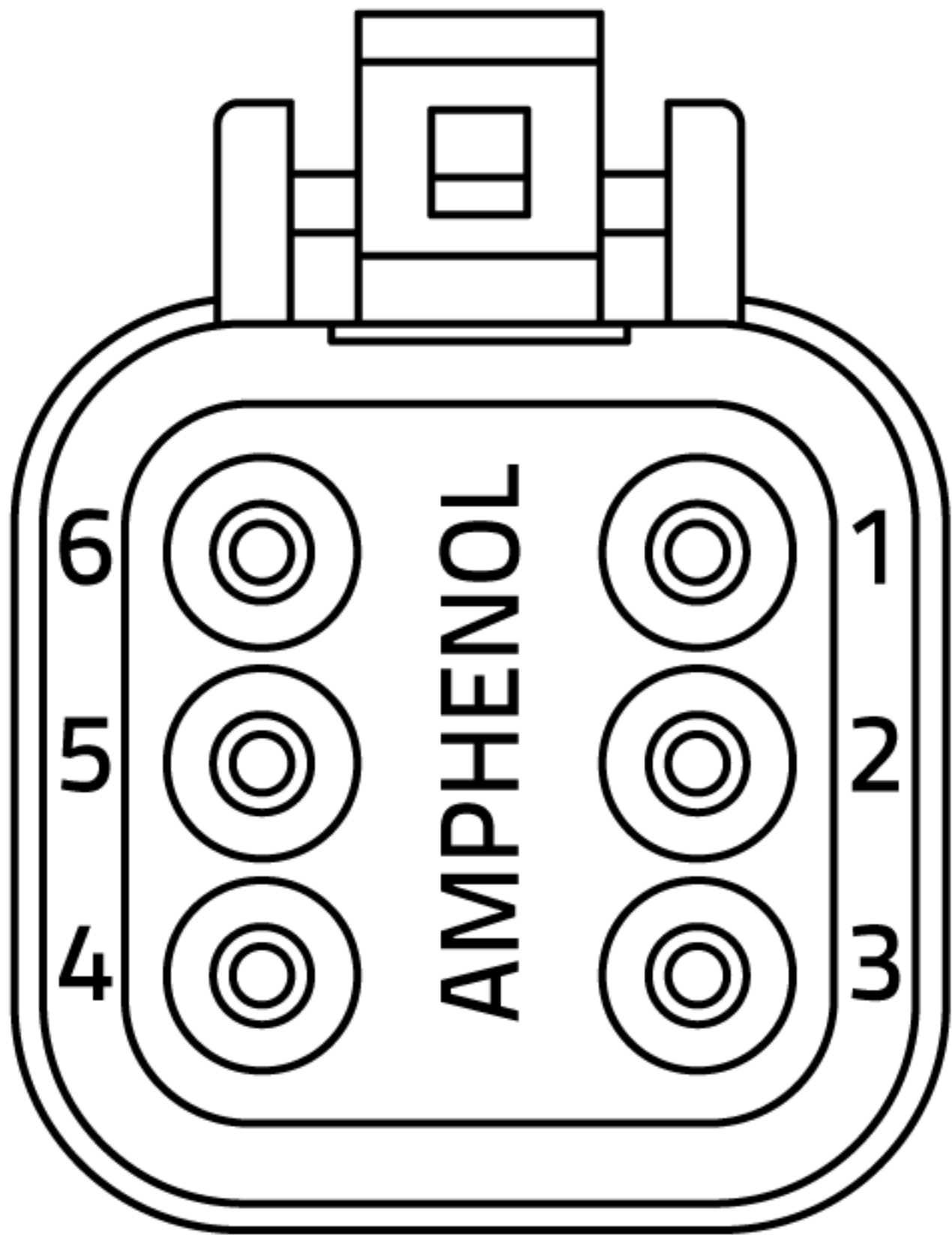


SERIES	FUSE VALUE
HMX 6.5 HMX 7.7 HMX 8	100 mA
HMS 10	250 mA
HMS 12	250 mA

COLOR	RED	GREEN	BLUE
WHITE	X	X	X
RED	X		
GREEN		X	
BLUE			X
YELLOW	X	X	
PURPLE	X		X
CYAN		X	X

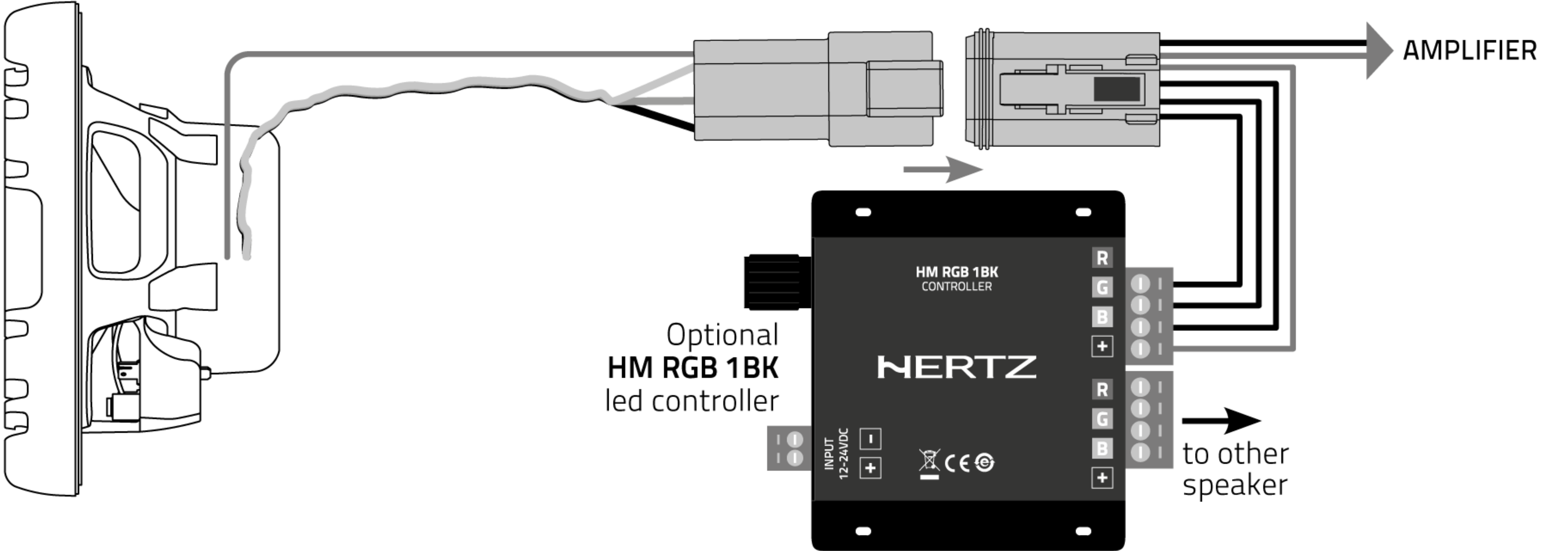


FEMALE CONNECTOR WIRE SIDE



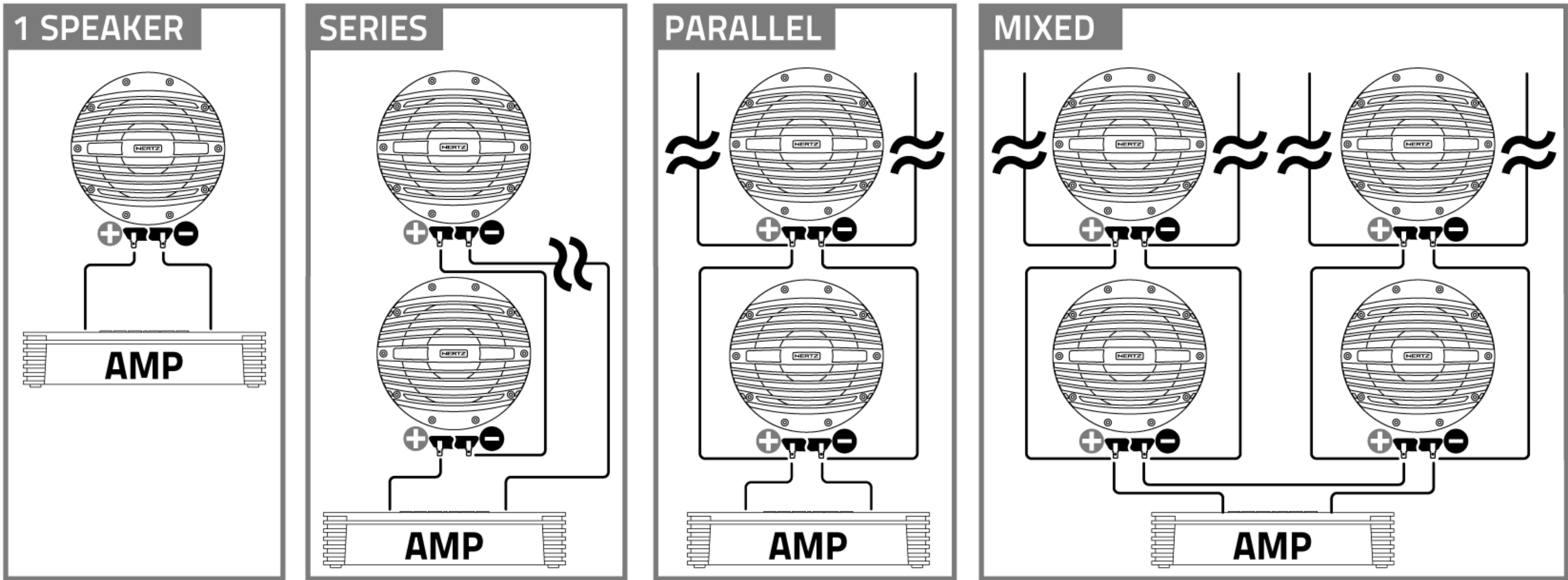
6	White /SPK +	1	Black / SPK -
5	RGB / BLUE	2	RGB / YELLOW + 12V
4	RGB / RED	3	RGB / GREEN

HMX 6.5-LD / HMX 6.5-LD-C / HMX 6.5-LD-TC / HMX 6.5-LD-TW / HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW
 / HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW/ HMX 8-LD / HMX 8-LD-C / HMX 8-LD-TC / HMX 8-LD-TW
 / HMX 8 S-LD-G / HMX 8 S-LD-SW / HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W /
 HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1
 / HMS 12 B2-LD-W / HMS 12 B4-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-C / HMS 12 S4-LD-G /
 HMS 12 S2-LD-G / HMS 12 S2-LD-SW / HMS 12 S4-LD-SW HM RGB 1BK wiring



HM RGB 1 BK WIRING:

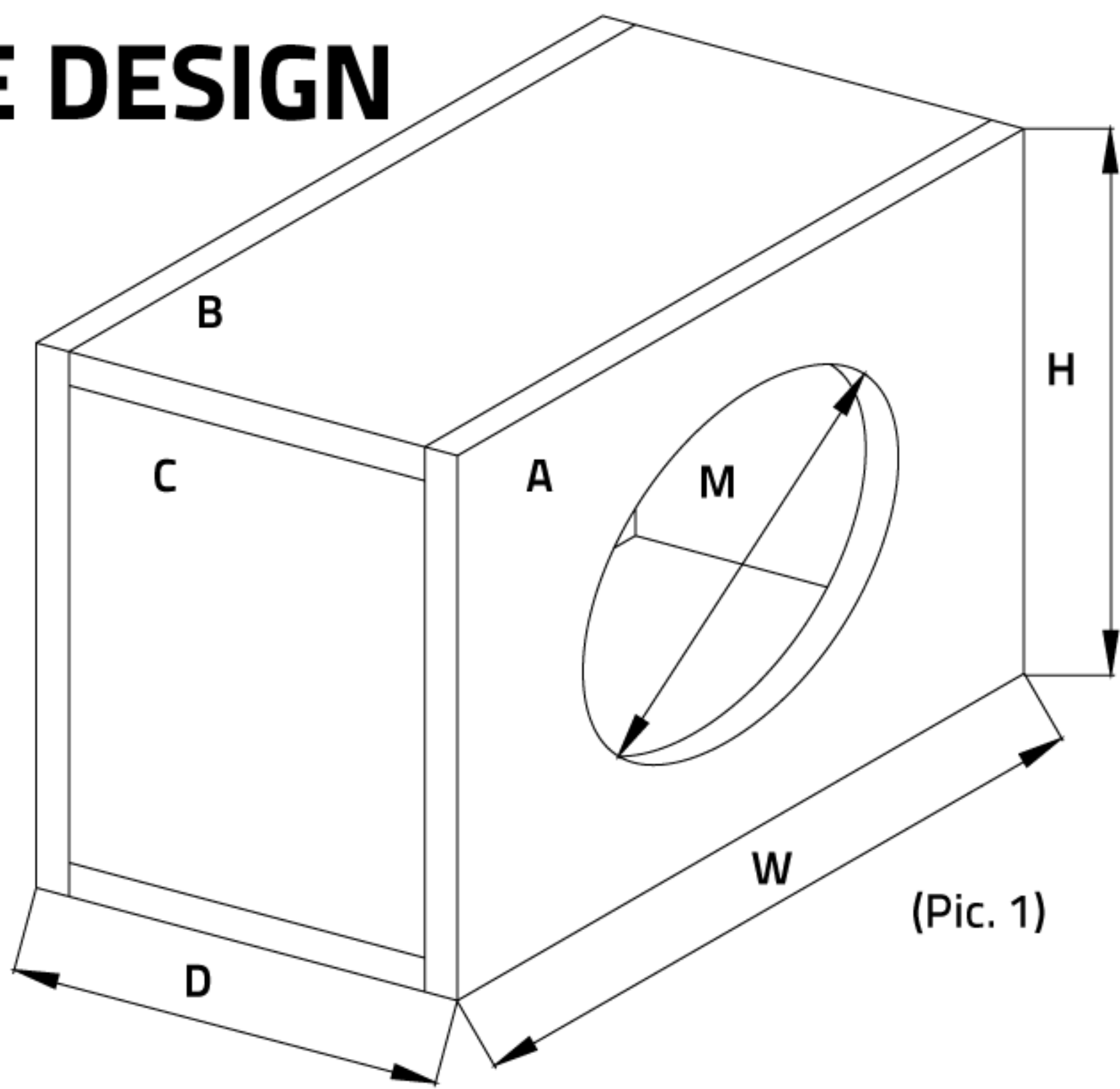
For detailed instructions on HM RGB 1 BK wiring please check the HM RGB 1 BK owner's manual.



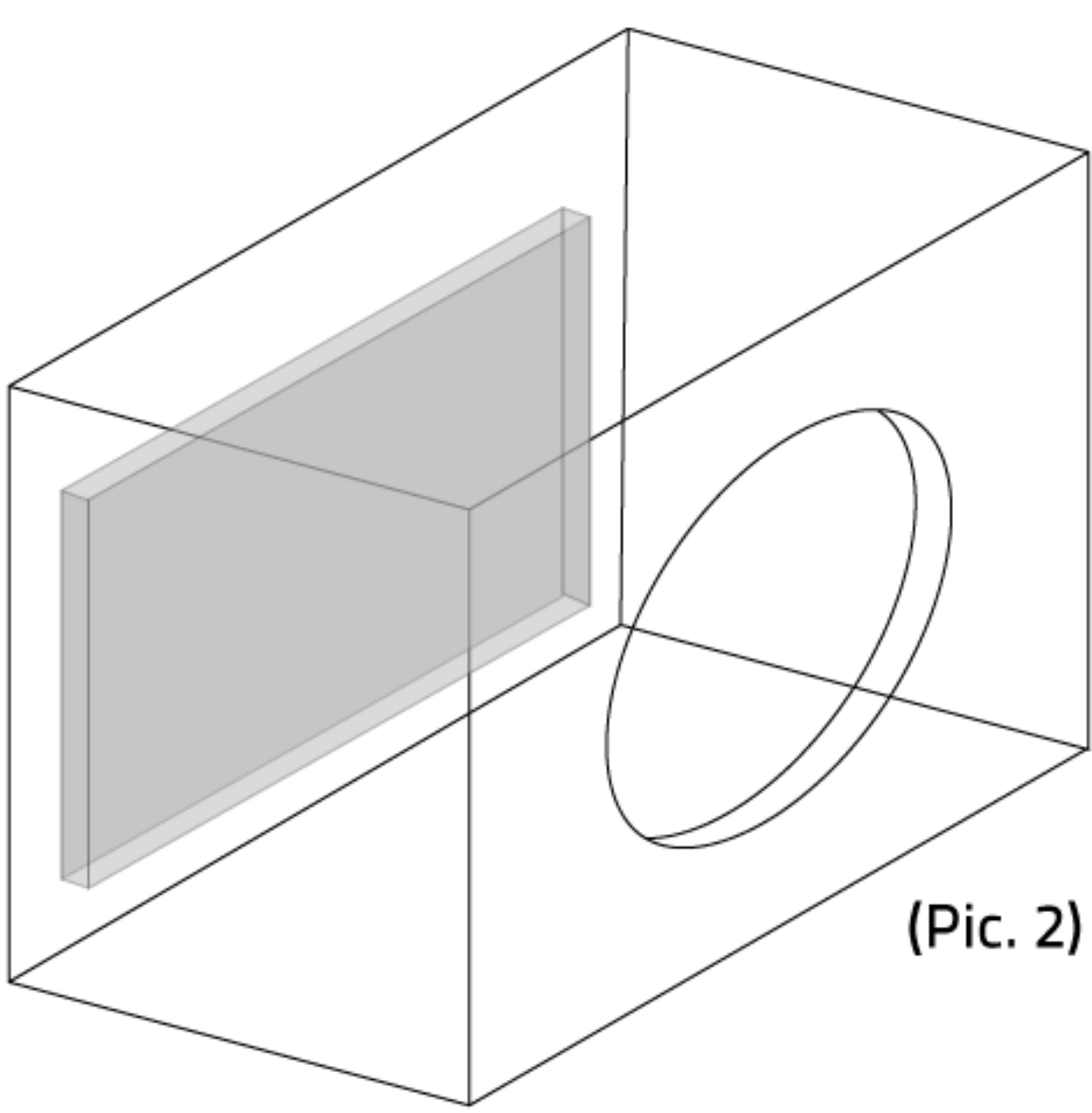
FREE AIR DC RESISTANCE				HMX 8 / HMX 8-C / HMX 8-LD / HMX 8-LD-C / HMX 8-TC / HMX 8-TW / HMX 8-LD-TC / HMX 8-LD-TW / HMX 8 S-LD-G / HMX 8 S-LD-SW	HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 12 B2-LD-W / HMS 12 B2-LD-C / HMS 12 S2-LD-G / HMS 12 S2-LD-SW	HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 / HMS 12 B4-LD-W / HMS 12 B4-LD-C / HMS 12 S4-LD-G / HMS 12 S4-LD-SW	
Series	1 Speaker	3.5	3.3	3.1	1.8	3.3	Ω
	2 Speaker	7	6.6	6.2	3.6	6.6	Ω
	3 Speaker	10.5	9.9	9.3	5.4	9.9	Ω
	4 Speaker	14	13.2	12.4	7.2	13.2	Ω
Parallel	2 Speaker	1.8	1.7	1.6	0.9	1.7	Ω
	3 Speaker	1.2	1.1	1	0.6	1.1	Ω
	4 Speaker	0.9	0.8	0.8	0.45	0.8	Ω
Mixed	4 Speaker	3.5	3.3	3.1	1.8	3.3	Ω
	6 Speaker	2.3	2.2	2.1	1.2	2.2	Ω
	8 Speaker	1.8	1.6	1.6	0.9	1.6	Ω

ENCLOSURE DESIGN

SEALED BOX ASSEMBLY



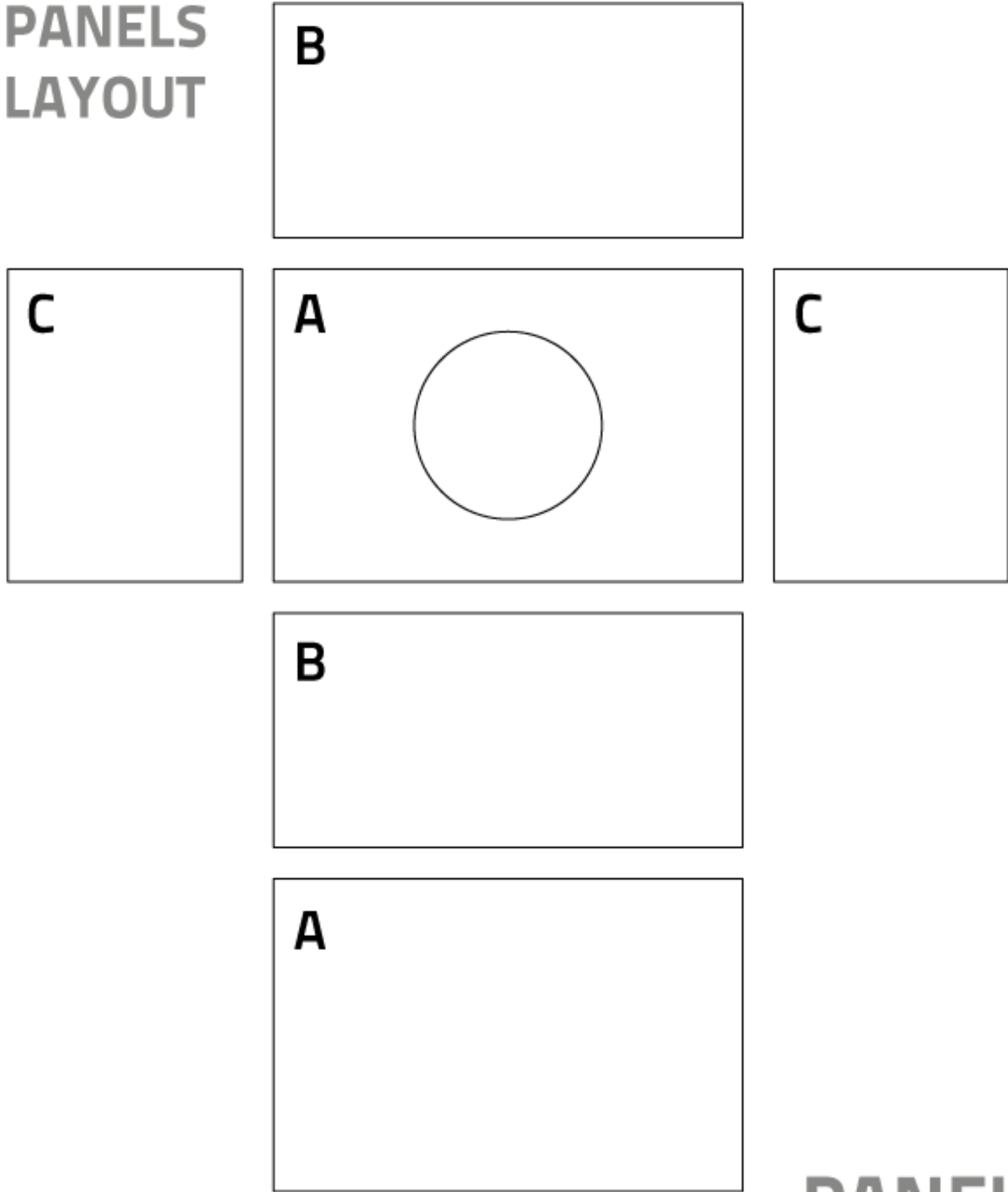
DAMPING MATERIAL



BOX
TECH
DATA

	Vb	Fc	Qty	External dimensions Pic. 1			Mounting Hole - M	Wood Thickness	Suggested Subsonic filter cut-off	Suggested Lo-pass filter cut-off	Damping Material
				W	H	D					
	l (cu. ft.)	Hz		mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)			
HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 COMPACT	50 (1.77)	54	1,05	440 (17.32)	440 (17.32)	365 (14.37)	230 (9.06)	19 (0.75)	20 Hz 24dB Oct	100 Hz 12dB Oct	Pic. 2
HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 PERFORMANCE	71 (2.51)	51	0,99	460 (18.11)	460 (18.11)	450 (17.72)	230 (9,06)	19 (0.75)	20 Hz 24dB Oct	150 Hz 12dB Oct	Pic. 2

PANELS
LAYOUT

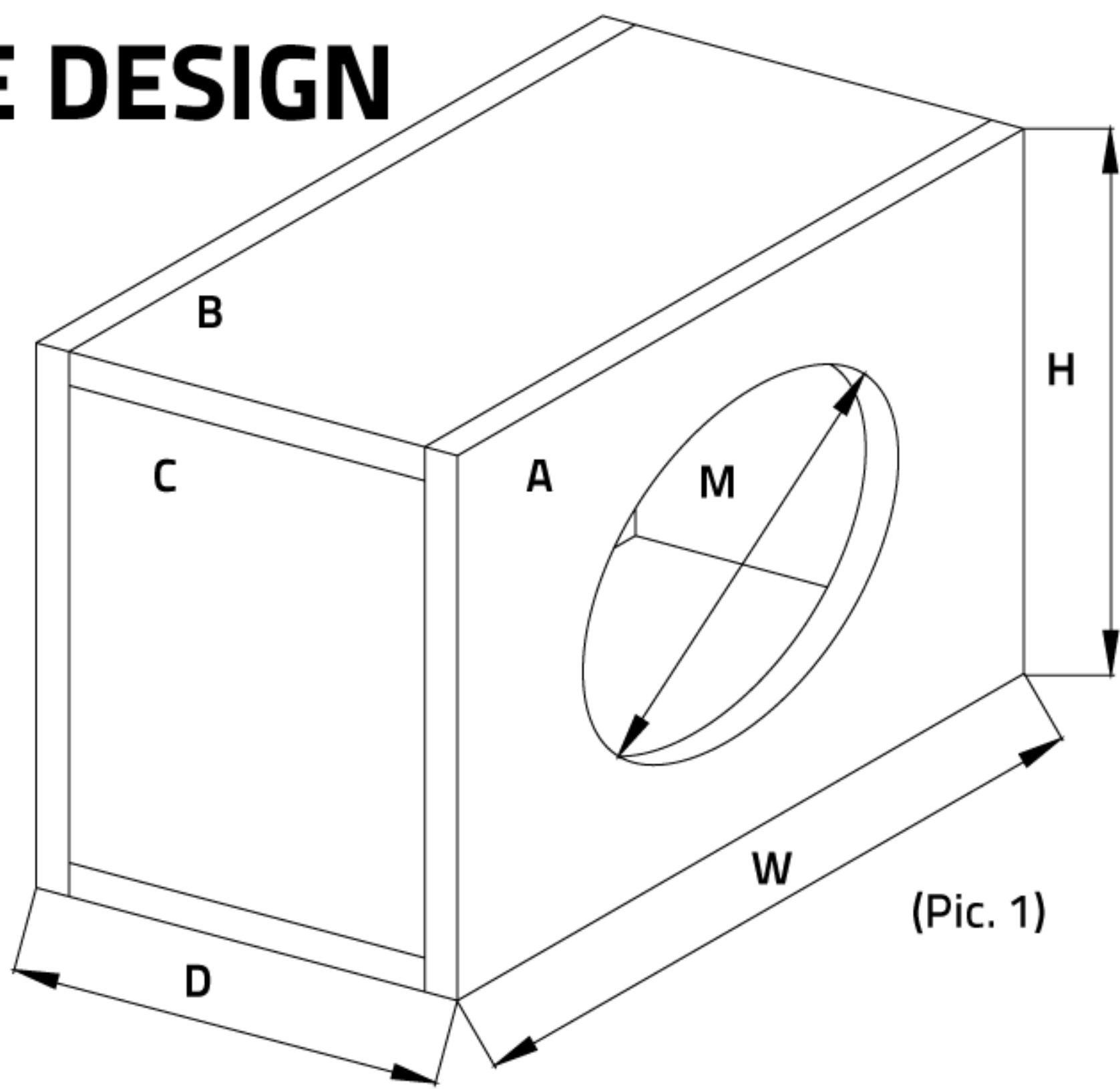


PANELS
CUT LIST

	A	Qty	B	Qty	C	Qty
	mm (in.)	Pcs	mm (in.)	Pcs	mm (in.)	Pcs
HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 COMPACT (50lt)	440 X 440 (17.32 x 17.32)	2	440 x 327 (17.32 x 12.87)	2	402 x327 (15.83 x 12.87)	2
HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 PERFORMANCE (70lt)	460 x 460 (18.11 x 18.11)	2	460 x 412 (18.11 x 16.22)	2	422 x 412 (16.61 x 16.22)	2

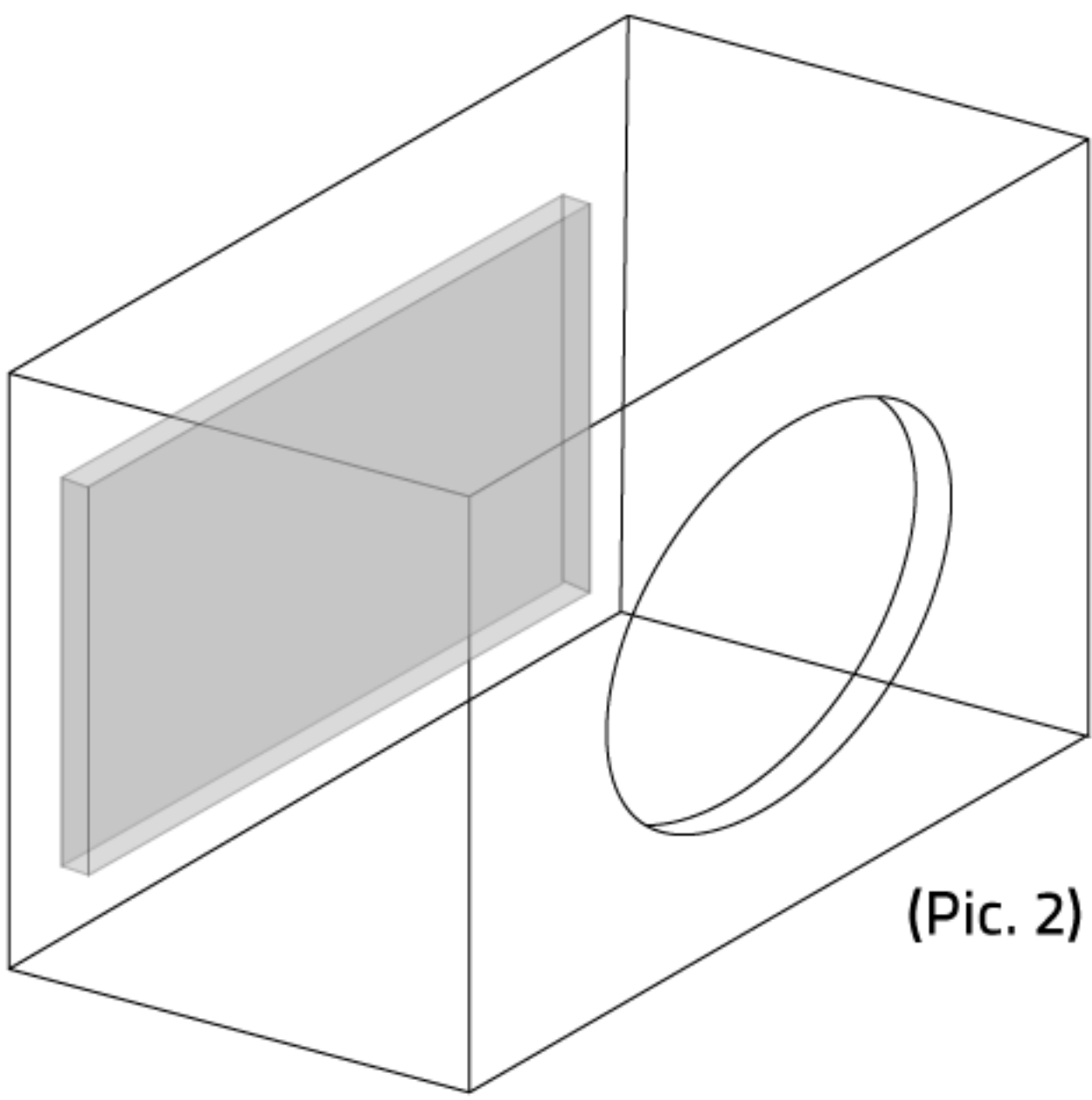
ENCLOSURE DESIGN

SEALED BOX ASSEMBLY



(Pic. 1)

DAMPING MATERIAL

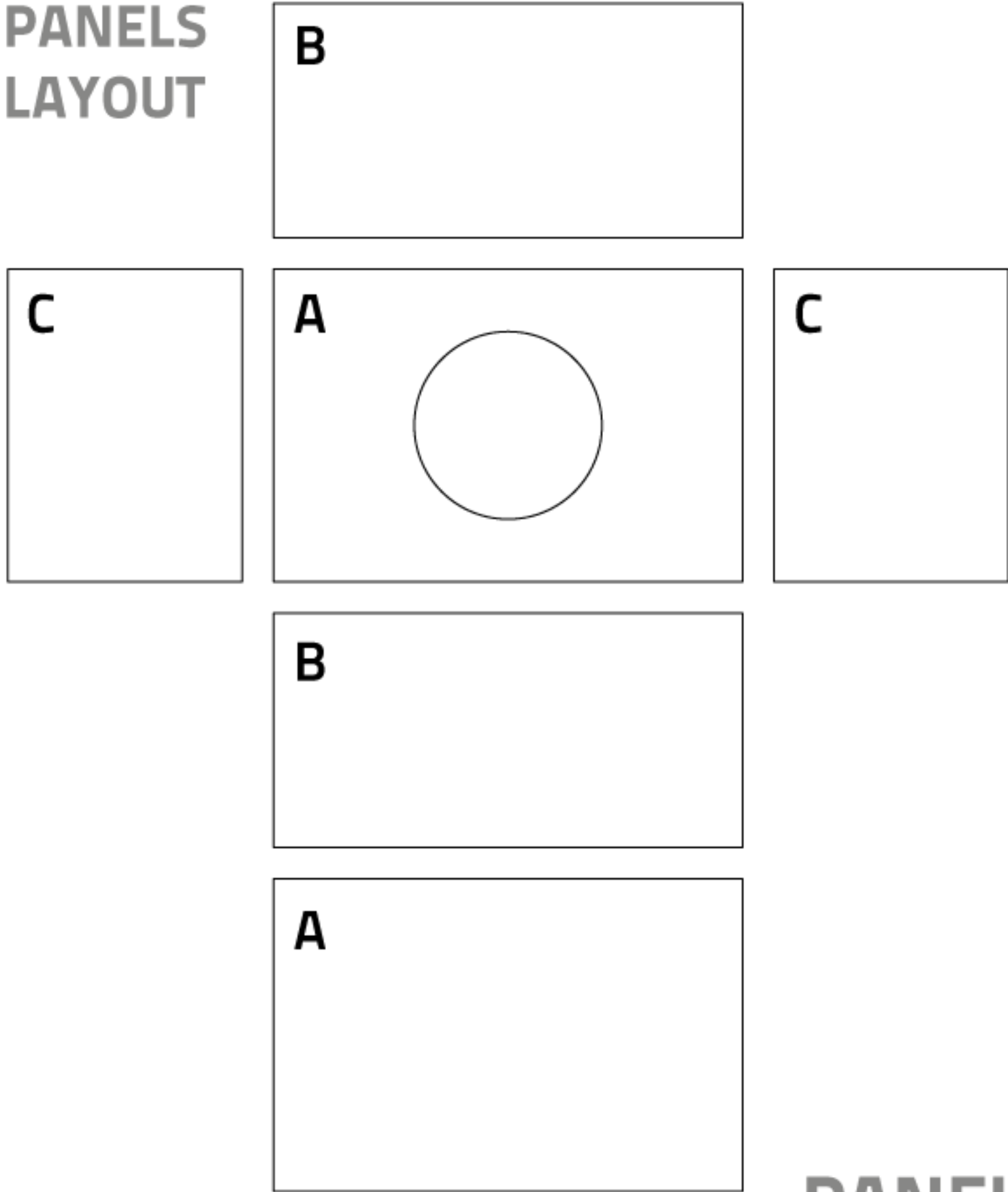


(Pic. 2)

BOX
TECH
DATA

	Vb	Fc	Qty	External dimensions Pic. 1			Mounting Hole - M	Wood Thickness	Suggested Subsonic filter cut-off	Suggested Lo-pass filter cut-off	Damping Material
				W	H	D					
	l (cu. ft.)	Hz		mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)			
HMS 12 B2-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-W / HMS 12 B4-LD-C / HMS 12 S2-LD-SW / HMS 12 S2-LD-G / HMS 12 S4-LD-SW / HMS 12 S4-LD-G COMPACT	50 (1.77)	52	1,4	440 (17.32)	440 (17.32)	365 (14.37)	280 (11)	19 (0.75)	20 Hz 24dB Oct	100 Hz 12dB Oct	Pic. 2
HMS 12 B2-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-W / HMS 12 B4-LD-C / HMS 12 S2-LD-SW / HMS 12 S2-LD-G / HMS 12 S4-LD-SW / HMS 12 S4-LD-G PERFORMANCE	71 (2.51)	47	1,3	460 (18.11)	460 (18.11)	450 (17.72)	280 (11)	19 (0.75)	20 Hz 24dB Oct	150 Hz 12dB Oct	Pic. 2

PANELS
LAYOUT



PANELS
CUT LIST

	A	Qty	B	Qty	C	Qty
	mm (in.)	Pcs	mm (in.)	Pcs	mm (in.)	Pcs
HMS 12 B2-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-W / HMS 12 B4-LD-C / HMS 12 S2-LD-SW / HMS 12 S2-LD-G / HMS 12 S4-LD-SW / HMS 12 S4-LD-G COMPACT (50lt)	440 X 440 (17.32 x 17.32)	2	440 x 327 (17.32 x 12.87)	2	402 x327 (15.83 x 12.87)	2
HMS 12 B2-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-W / HMS 12 B4-LD-C / HMS 12 S2-LD-SW / HMS 12 S2-LD-G / HMS 12 S4-LD-SW / HMS 12 S4-LD-G PERFORMANCE (70lt)	460 x 460 (18.11 x 18.11)	2	460 x 412 (18.11 x 16.22)	2	422 x 412 (16.61 x 16.22)	2