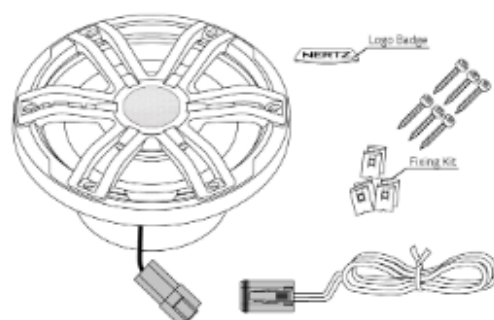


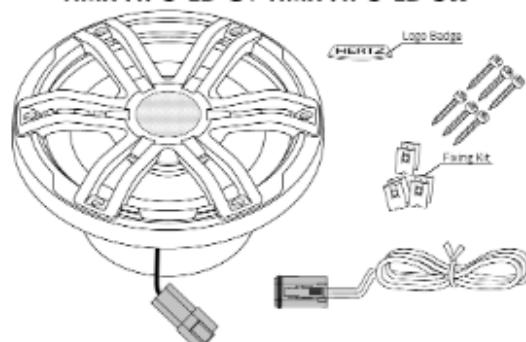
**HMX 6.5 / HMX 6.5-C / HMX 6.5-LD /
HMX 6.5-LD-C / HMX 6.5-TC / HMX 6.5-TW
/ HMX 6.5-LD-TC / HMX 6.5-LD-TW**



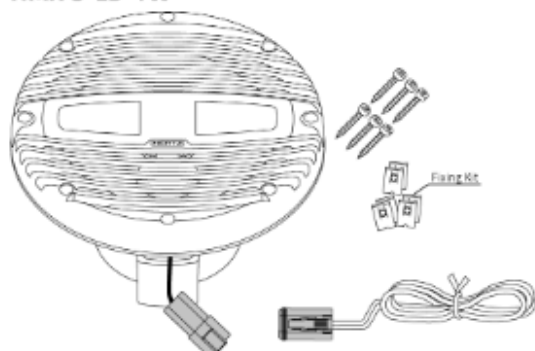
HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW



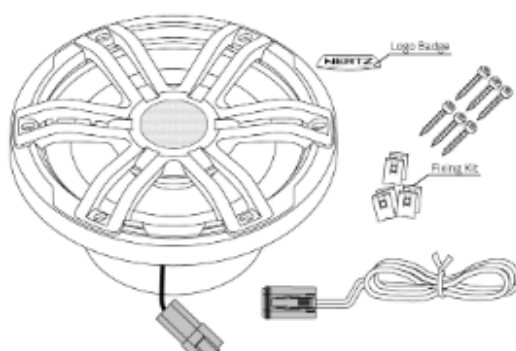
HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW



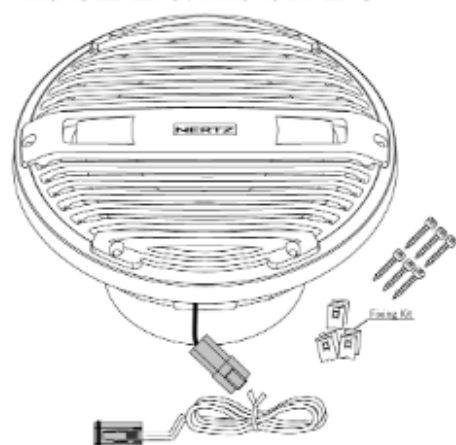
**HMX 8 / HMX 8-C / HMX 8-LD / HMX 8-LD-C
/ HMX 8-TC / HMX 8-TW / HMX 8-LD-TC /
HMX 8-LD-TW**



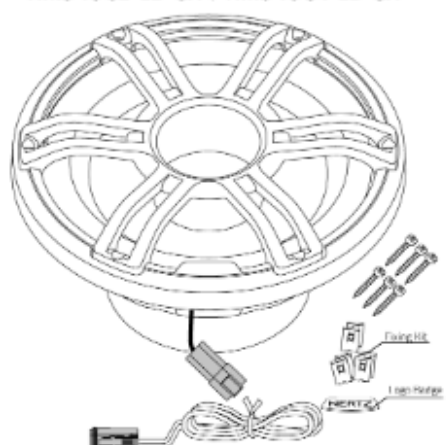
HMX 8 S-LD-G / HMX 8 S-LD-SW



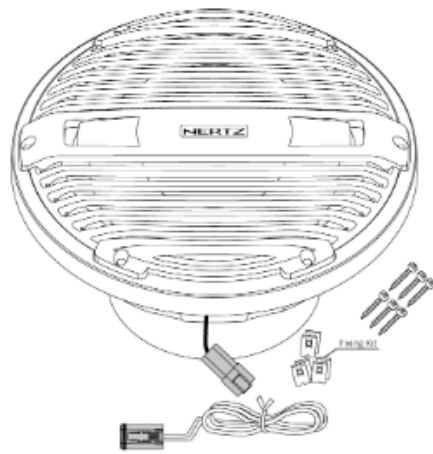
**HMS 10 B2-LD-W / HMS 10 B4-LD-W /
HMS 10 B2-LD-C / HMS 10 B4-LD-C**



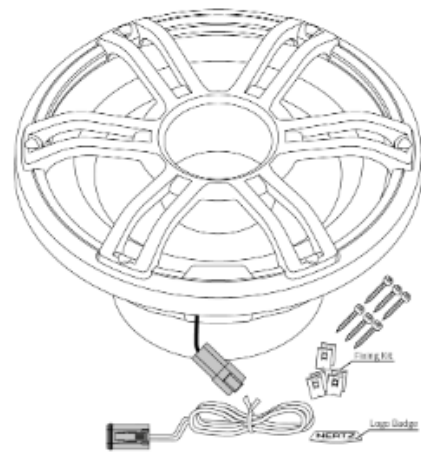
**HMS 10 S2-LD-SW.1 / HMS 10 S4-LD-SW.1 /
HMS 10 S2-LD-G.1 / HMS 10 S4-LD-G.1**



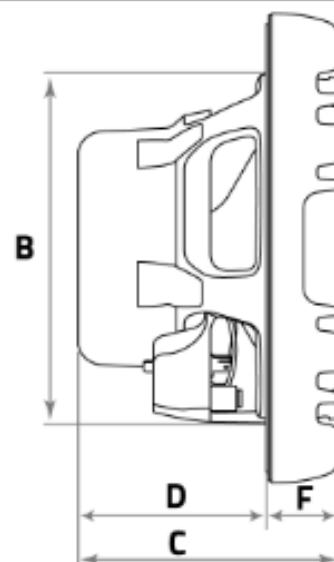
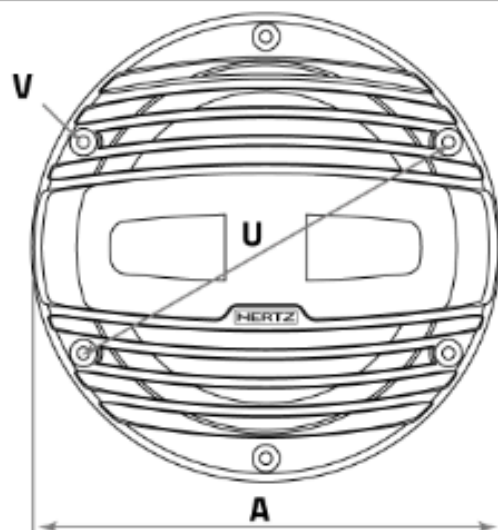
HMS 12 B2-LD-W / HMS 12 B4-LD-W
HMS 12 B2-LD-C / HMS 12 B4-LD-C



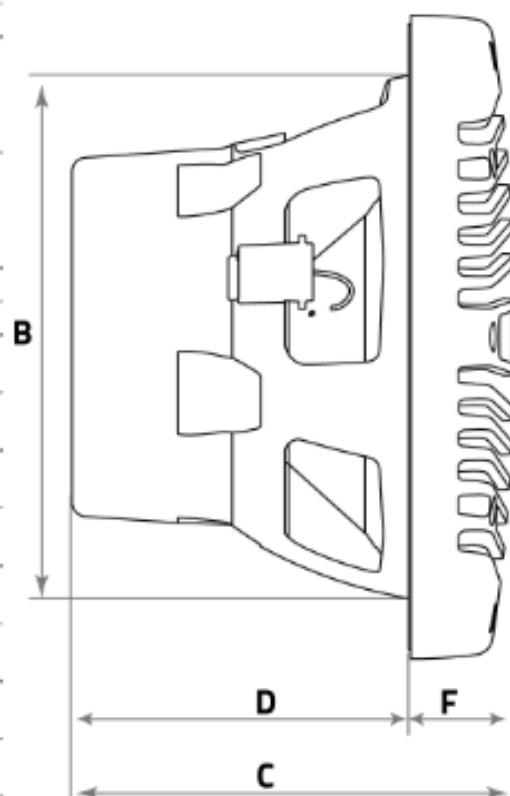
HMS 12 S2-LD-G / HMS 12 S4-LD-G /
HMS 12 S2-LD-SW / HMS 12 S4-LD-SW



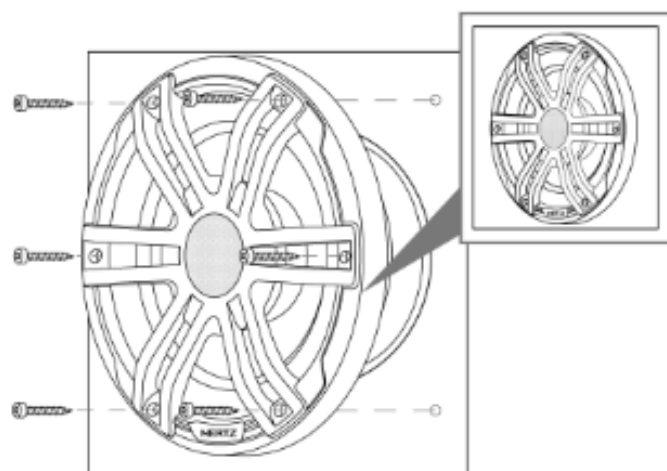
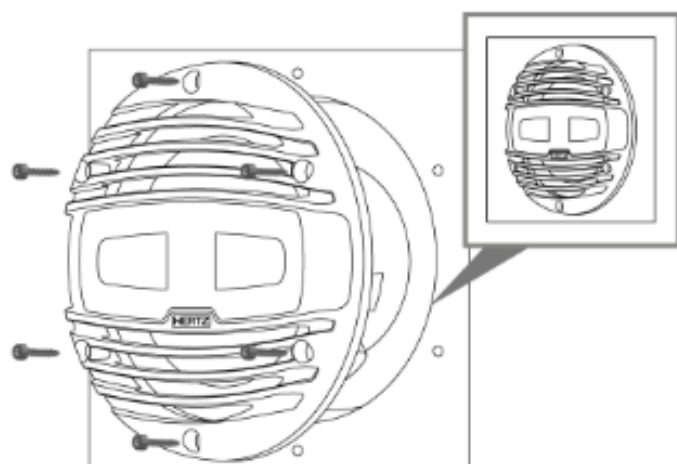
HMX 6.5 / HMX 6.5-C / HMX 6.5-LD / HMX 6.5-LD-C / HMX 6.5-TC / HMX 6.5-TW / HMX 6.5-LD-TC /
 HMX 6.5-LD-TW / HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW / HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW / HMX 8 /
 HMX 8-C / HMX 8-LD / HMX 8-LD-C / HMX 8-TC / HMX 8-TW / HMX 8-LD-TC / HMX 8-LD-TW / HMX 8 S-LD-G
 / HMX 8 S-LD-SW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



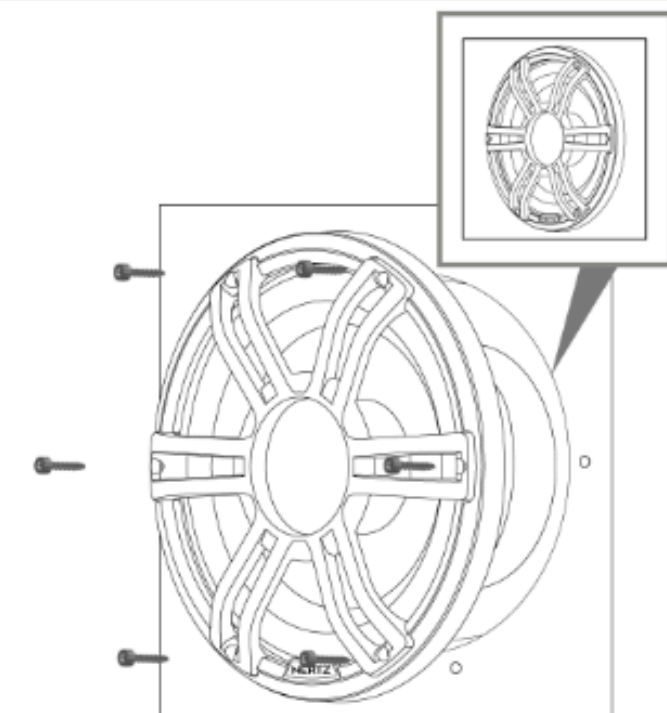
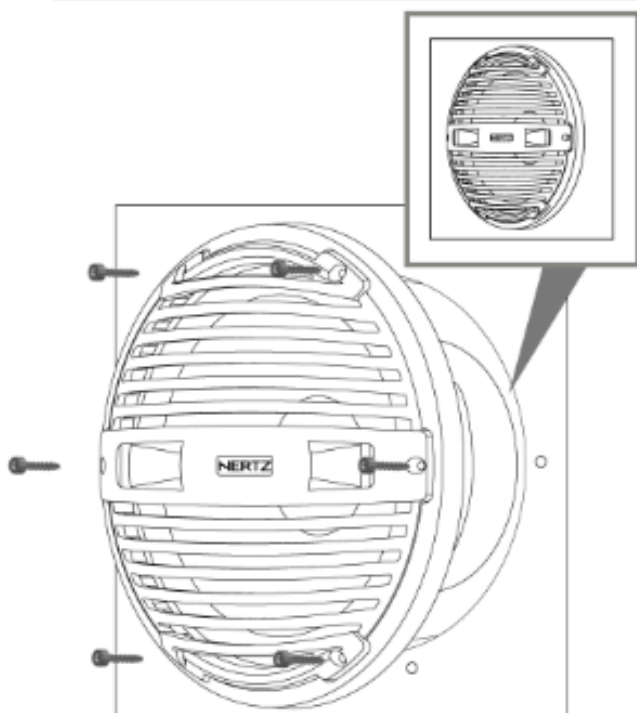
	A	B	C	D	F	U	V	
HMX 6.5	172,2	128	95,6	69	26,6	155	4,5	mm
HMX 6.5-C								
HMX 6.5-TC								
HMX 6.5-TW								
HMX 6.5-LD	6.78	5.04	3.76	2.72	1.05	6.1	0.18	in.
HMX 6.5-LD-C								
HMX 6.5-LD-TC								
HMX 6.5-LD-TW								
HMX 6.5 S-LD-G	173,6	128	100,1	69	31,2	155	4,5	mm
HMX 6.5 S-LD-SW	6.83	5.4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

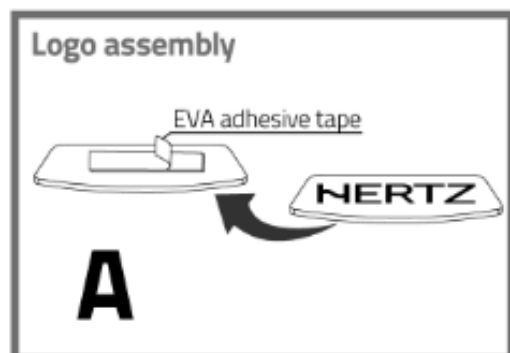


**HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1
 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 / HMS 12 B2-LD-W / HMS 12 B4-LD-W
 / HMS 12 B2-LD-C / HMS 12 B4-LD-C / HMS 12 S4-LD-G / HMS 12 S2-LD-G / HMS 12 S2-LD-SW
 / HMS 12 S4-LD-SW**



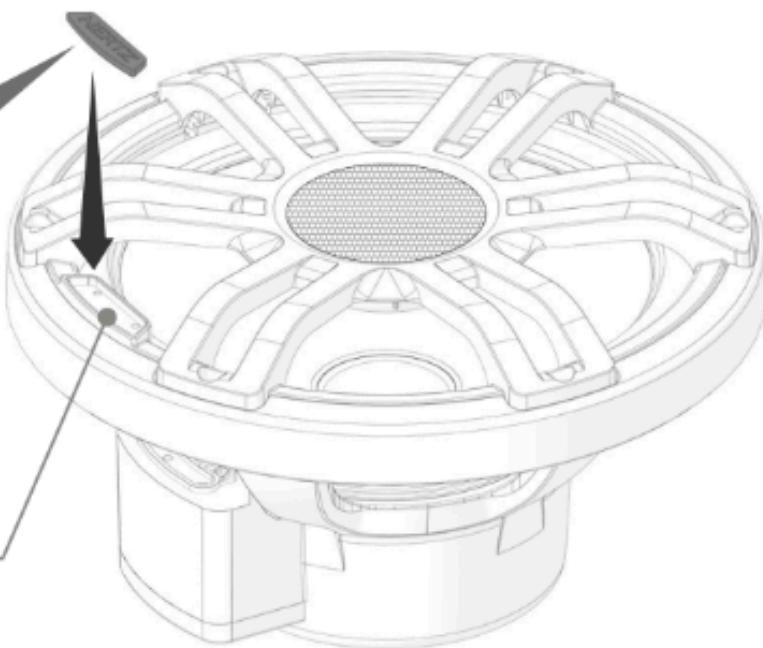
HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW / HMX 7.7 S-LD-G / HMX 7.7 S-LD-SW / HMX 8 S-LD-G / HMX 8 S-LD-SW

Logo / Grille disassembly - assembly.



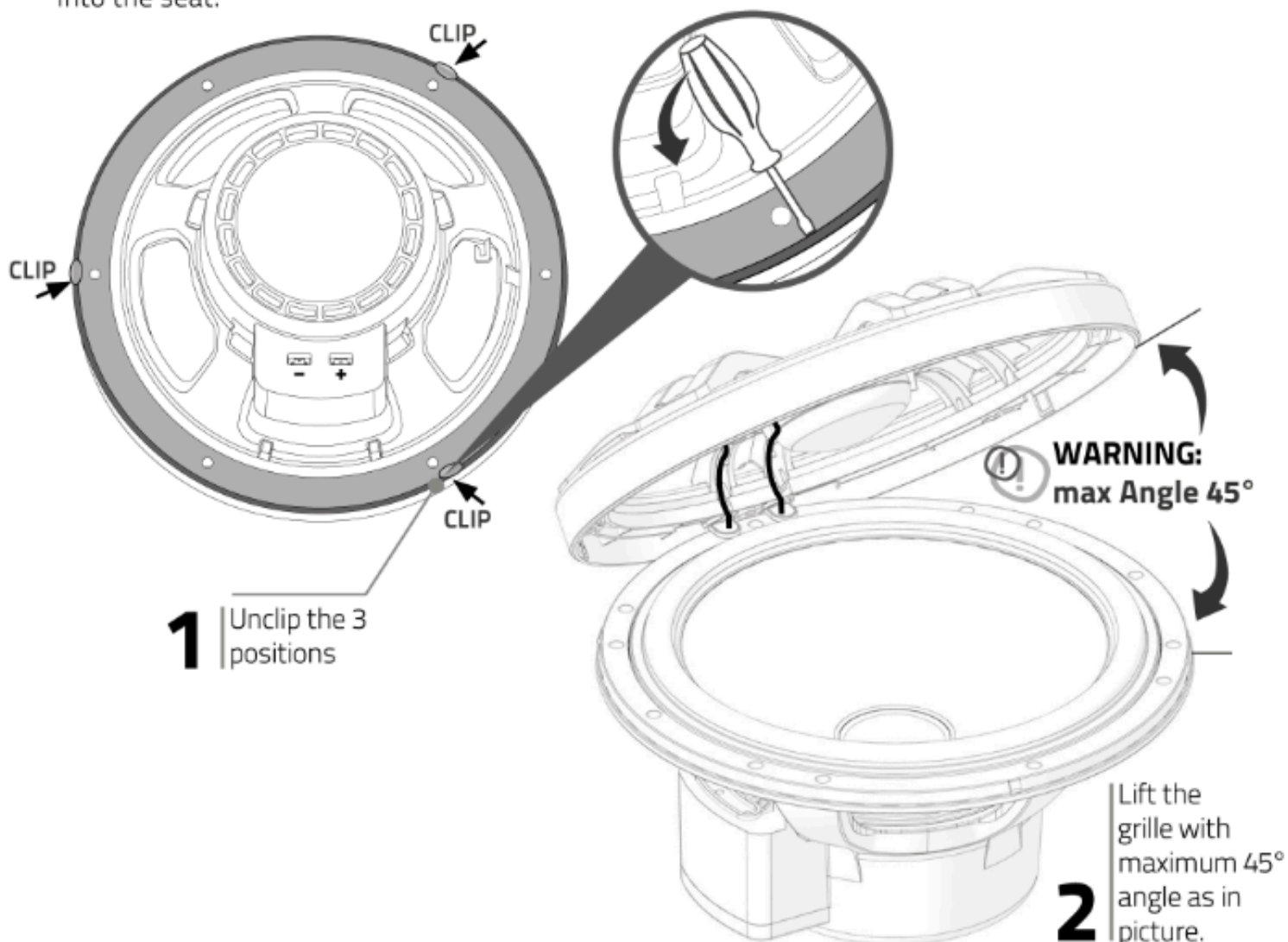
If the grille needs to be custom painted skip to Grille Disassembly/Assembly and then apply logo at the end.

B Apply the logo



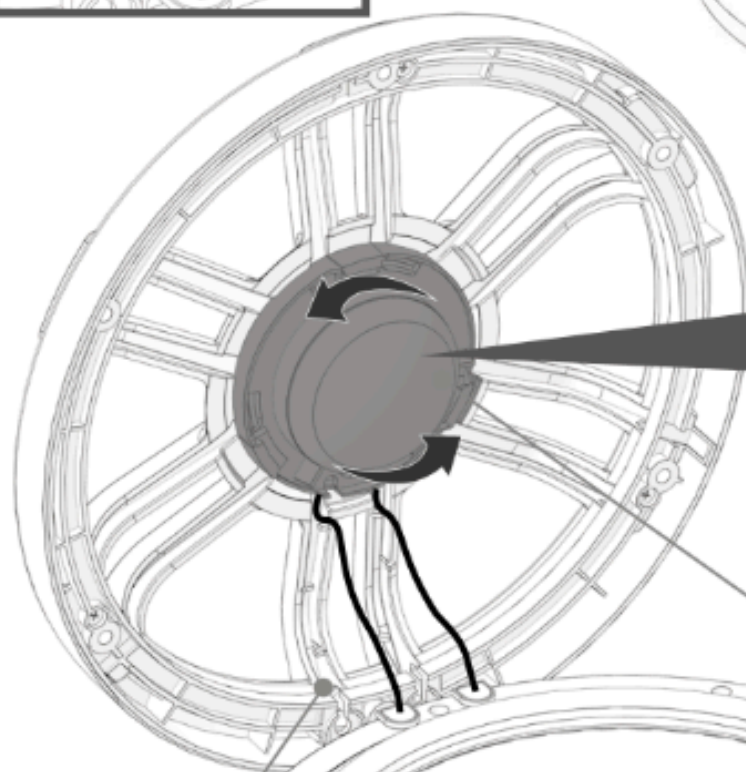
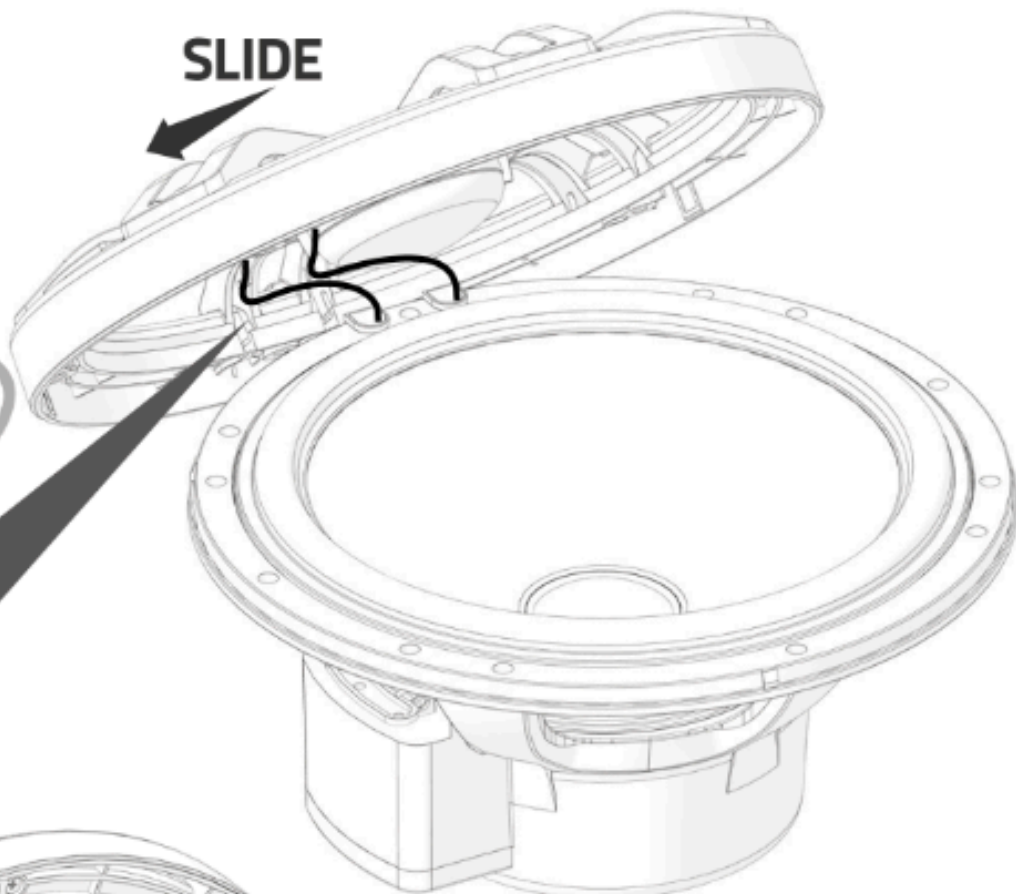
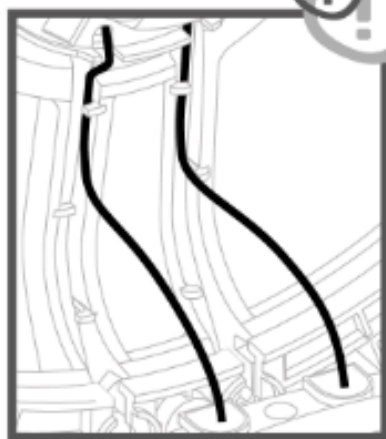
Grille Disassembly / Assembly

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.

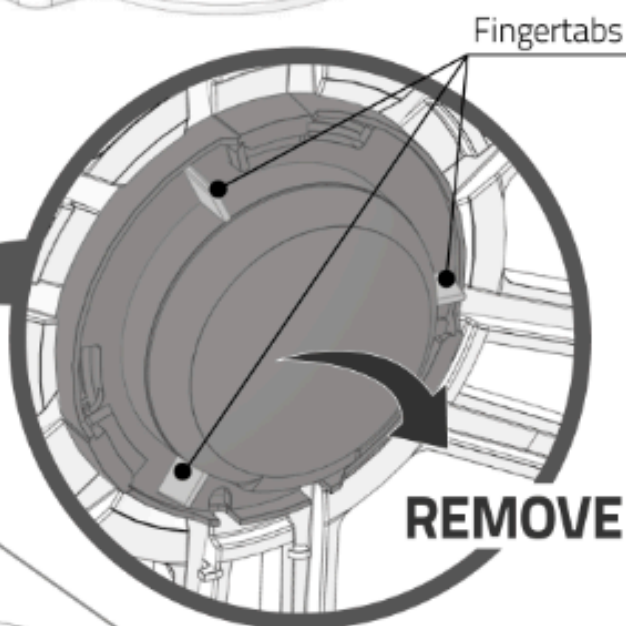


- 3** Slide down the grille to remove cables from their housing.

SLIDE



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



REMOVE

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

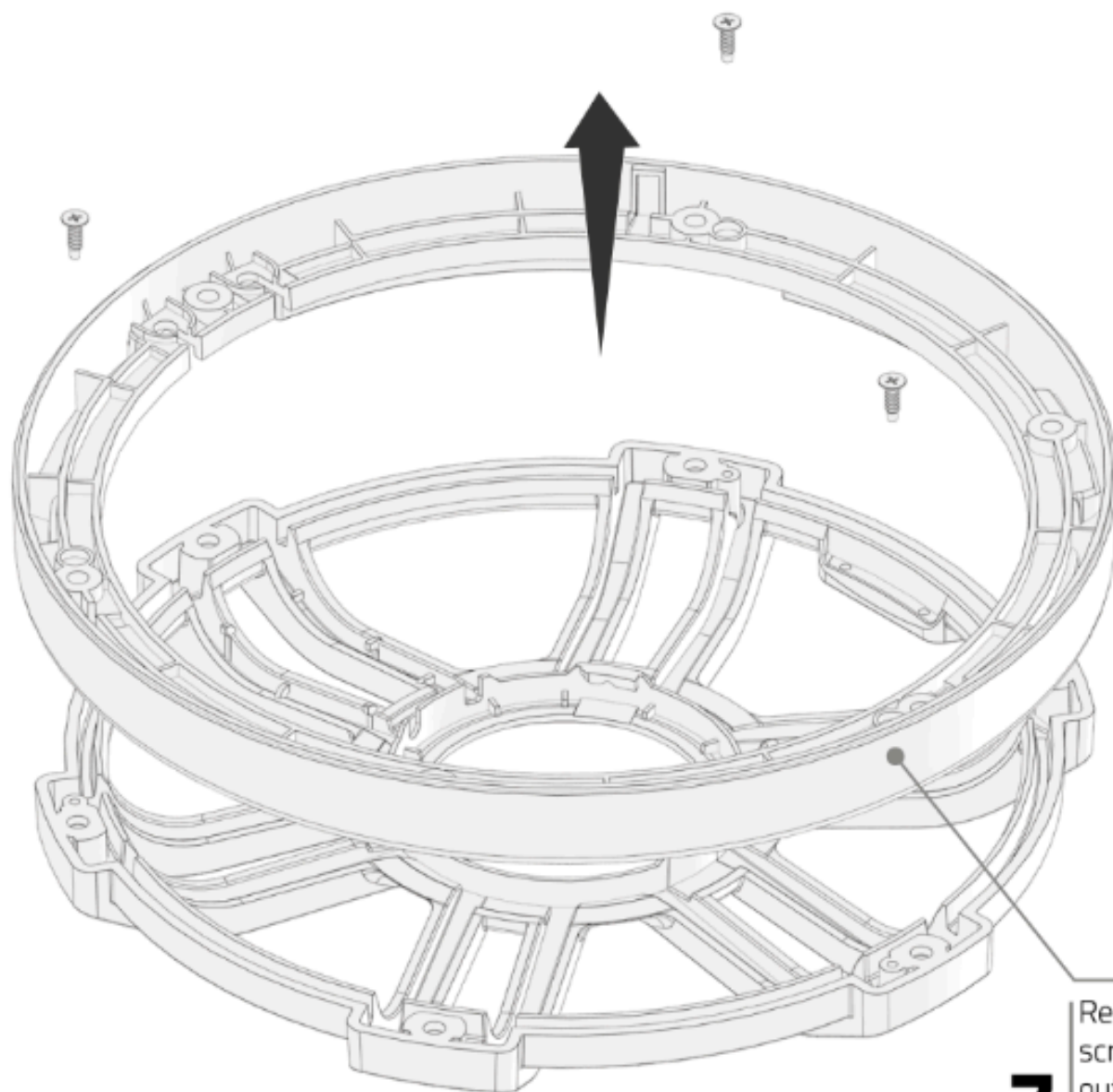
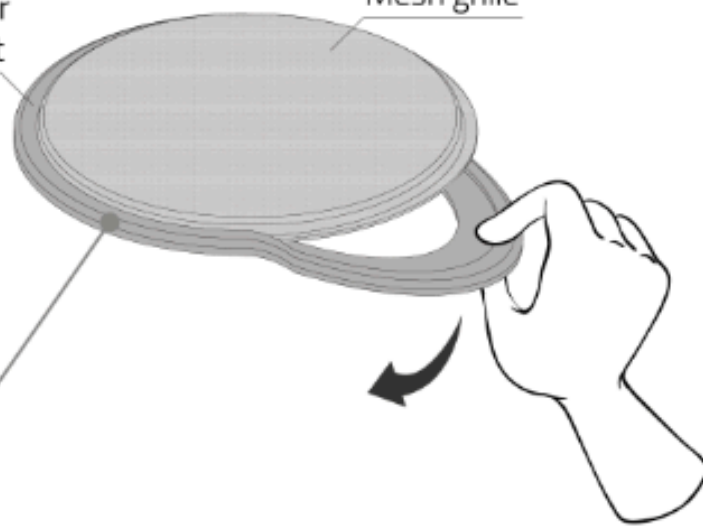
5

Rubber
Gasket

Mesh grille

6

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

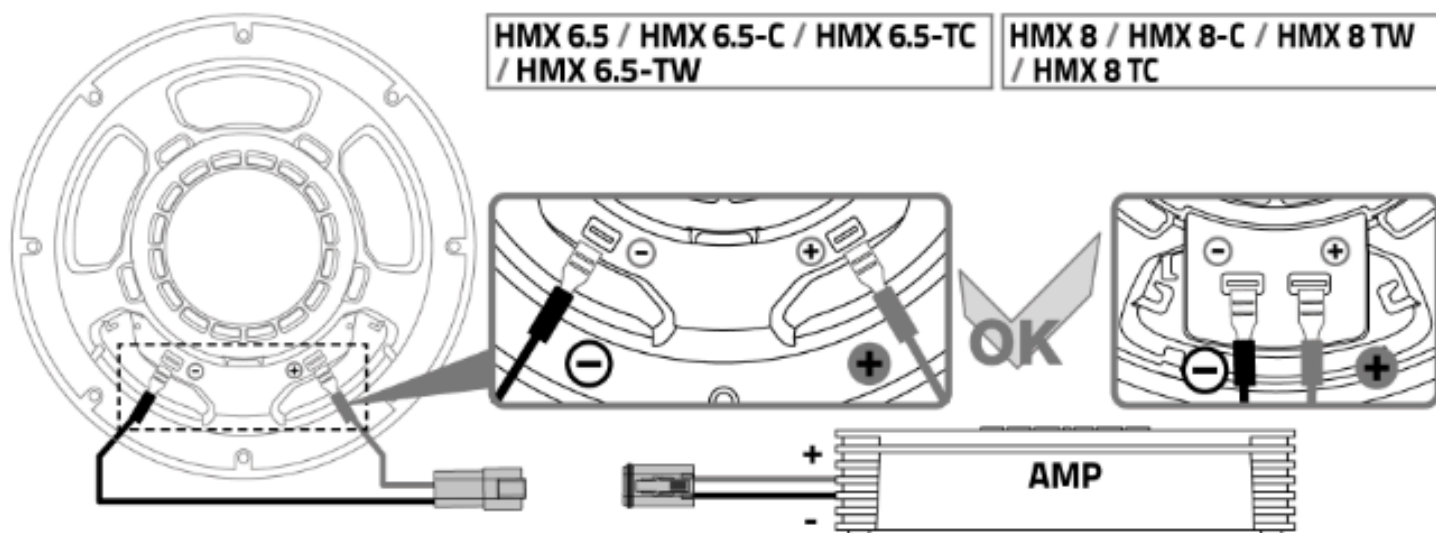


7

Remove the 3 screws to separate outer from inner grille.

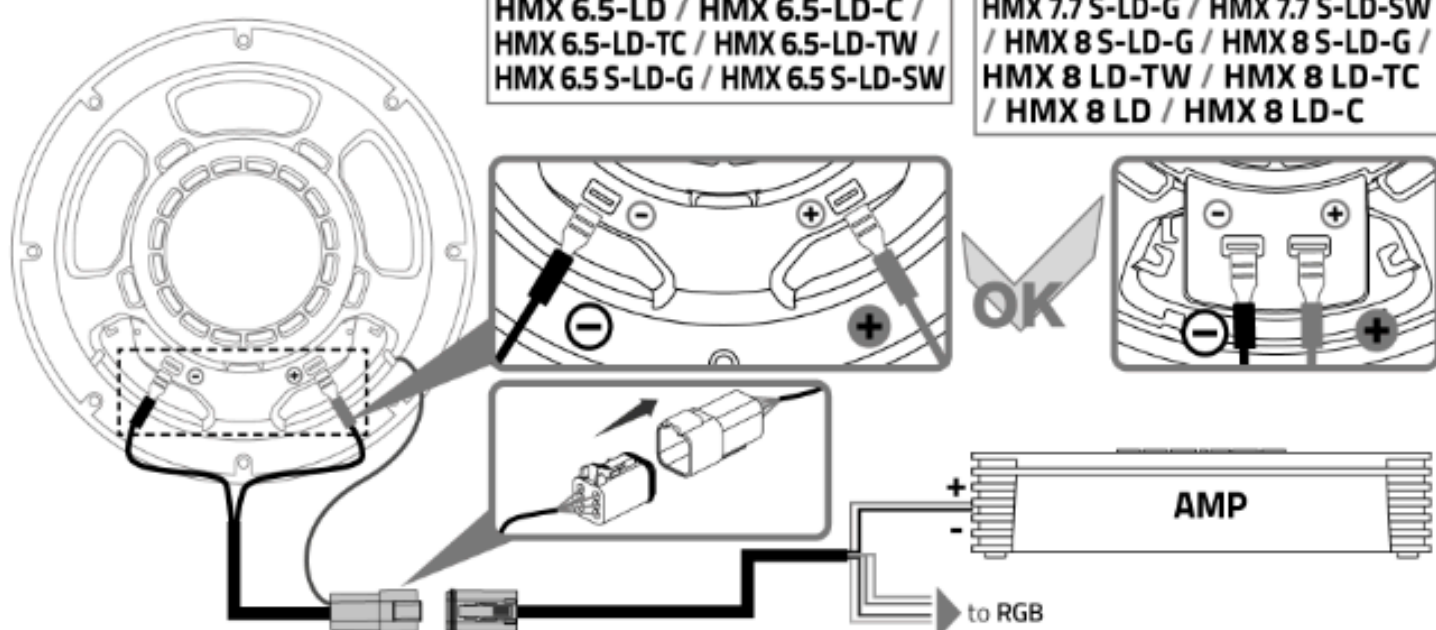
**HMX 6.5 / HMX 6.5-C / HMX 6.5-TC
/ HMX 6.5-TW**

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

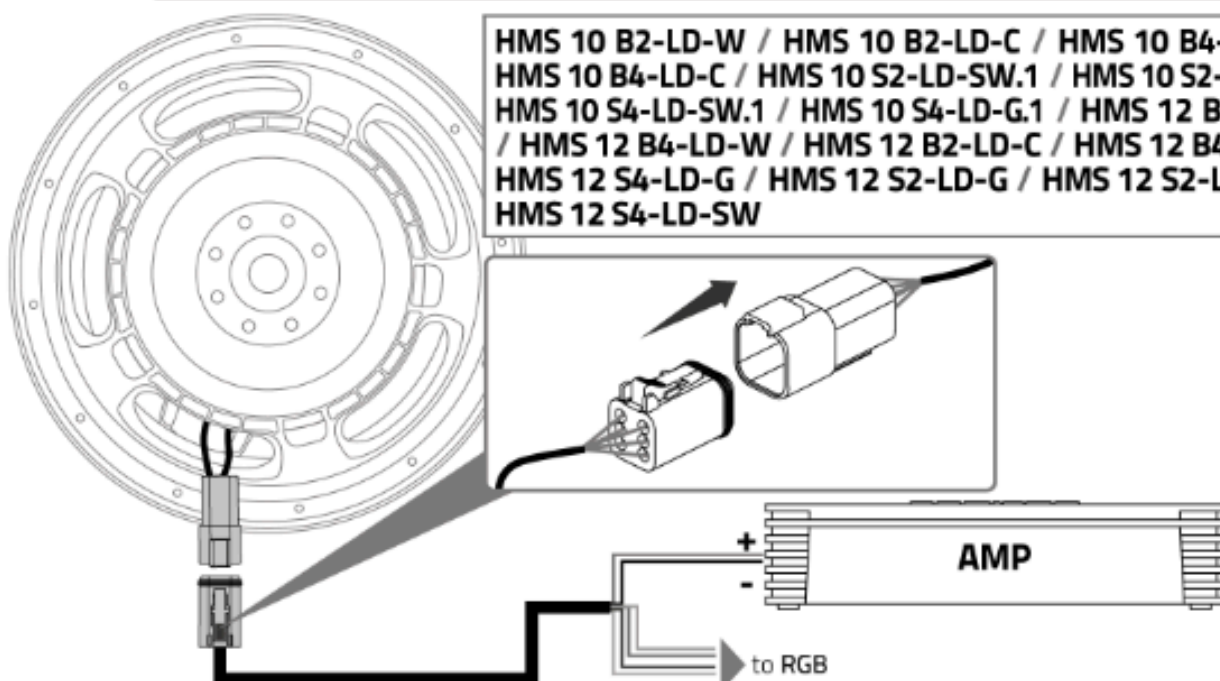


**HMX 6.5-LD / HMX 6.5-LD-C /
HMX 6.5-LD-TC / HMX 6.5-LD-TW /
HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW**

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



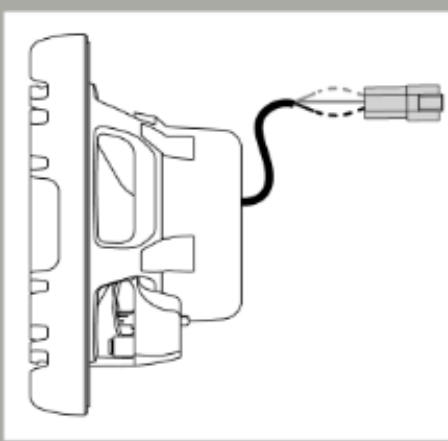
**HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W /
HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 /
HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 / HMS 12 B2-LD-W
/ HMS 12 B4-LD-W / HMS 12 B2-LD-C / HMS 12 B4-LD-C /
HMS 12 S4-LD-G / HMS 12 S2-LD-G / HMS 12 S2-LD-SW /
HMS 12 S4-LD-SW**



LED DIRECT WIRING CONNECTION

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

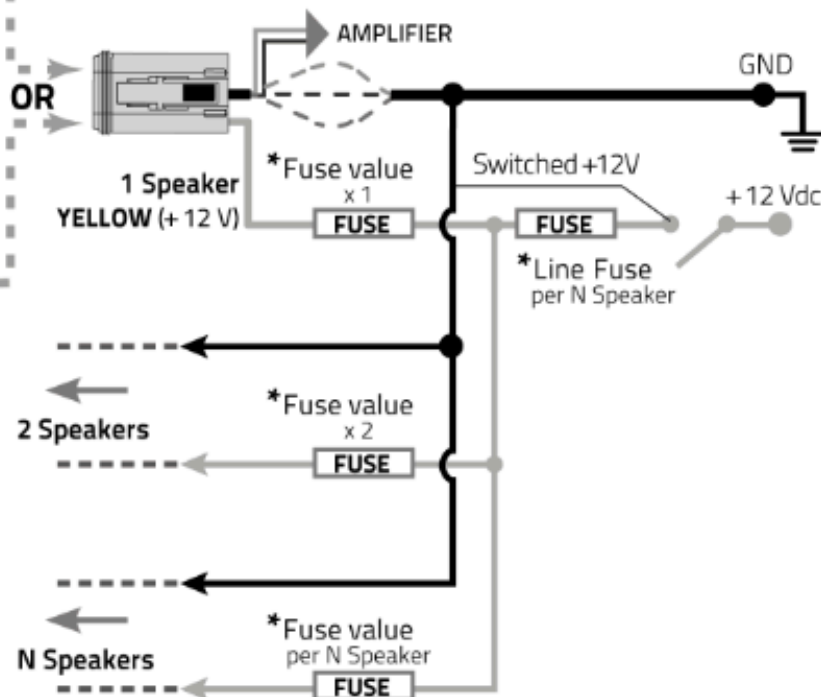
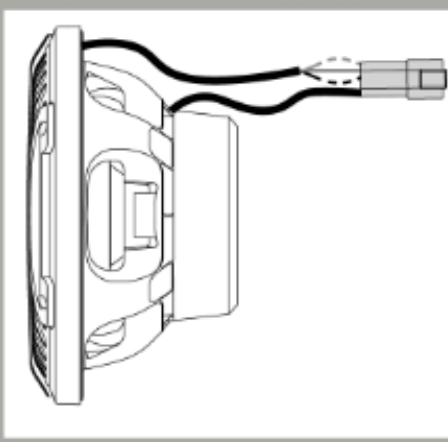
HMX 6.5 /HMX 7.7/HMX 8 series



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

HMS 10 / HMS 12 series



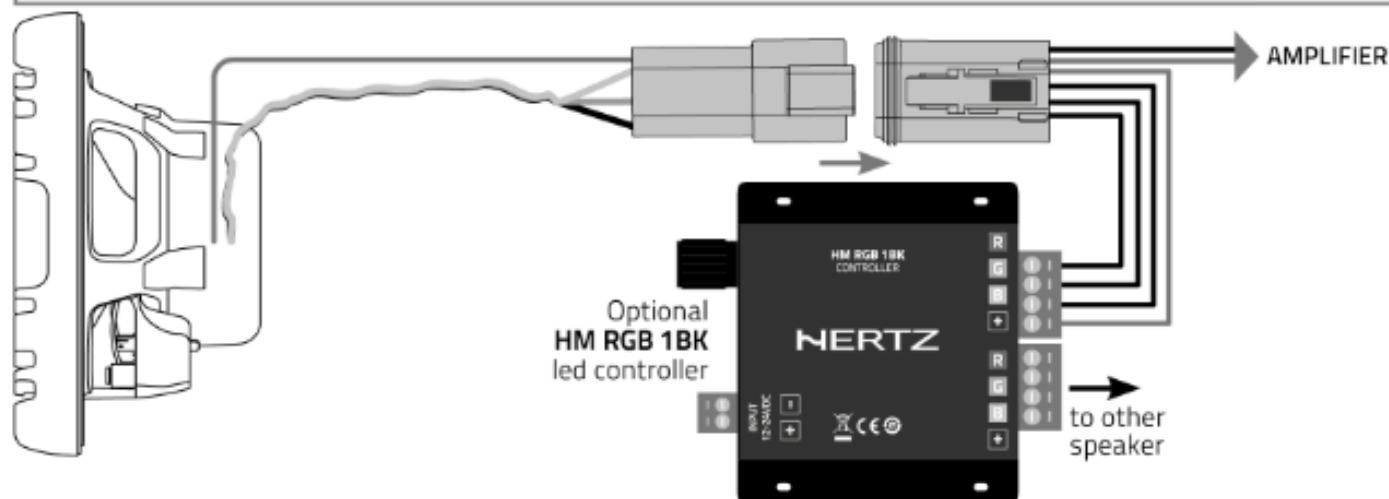
FEMALE CONNECTOR WIRE SIDE



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

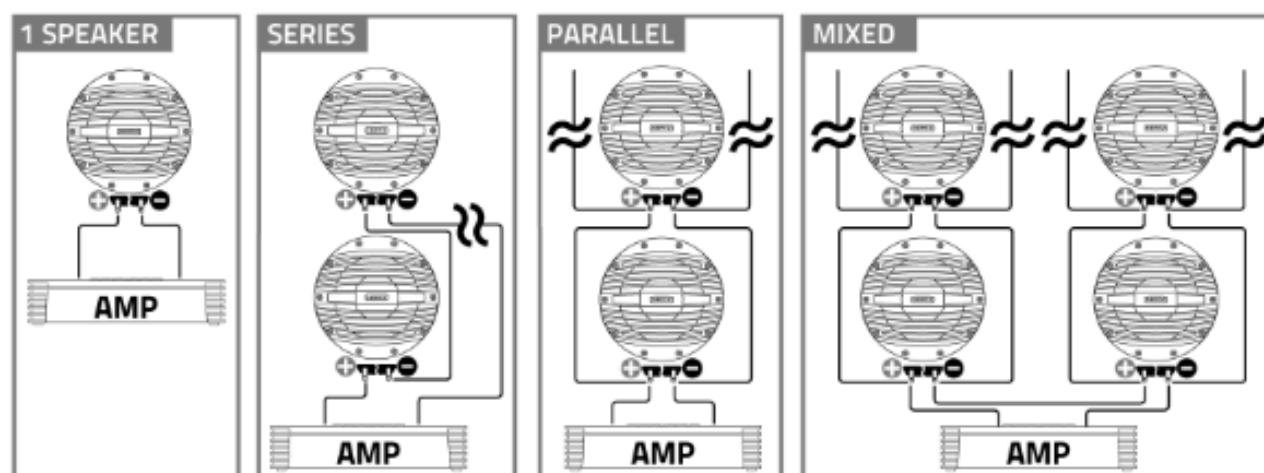
HM RGB 1BK DIRECT WIRING CONNECTION

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:

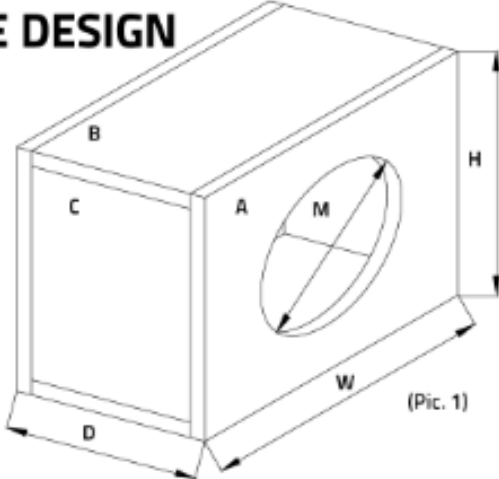
For detailed instructions on HM RGB 1 BK wiring please check the HM RGB 1 BK owner's manual.



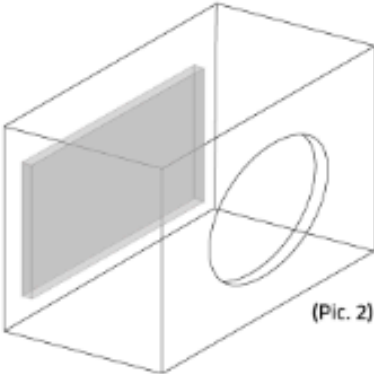
FREE AIR DC RESISTANCE							
		HMX 6.5 / HMX 6.5-C / HMX 6.5-LD / HMX 6.5-LD-C / HMX 6.5-TC / HMX 6.5-TW / HMX 6.5-LD-TC / HMX 6.5-LD-TW / HMX 6.5 S-LD-G / HMX 6.5 S-LD-SW	HMX 7.7 S-LD-G HMX 7.7 S-LD-SW	HMX 8 / HMX 8-C / HMX 8-LD / HMX 8-LD-C / HMX 8-TC / HMX 8-TW / HMX 8-LD-TC / HMX 8-LD-TW / HMX 8 S-LD-G / HMX 8 S-LD-SW	HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 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



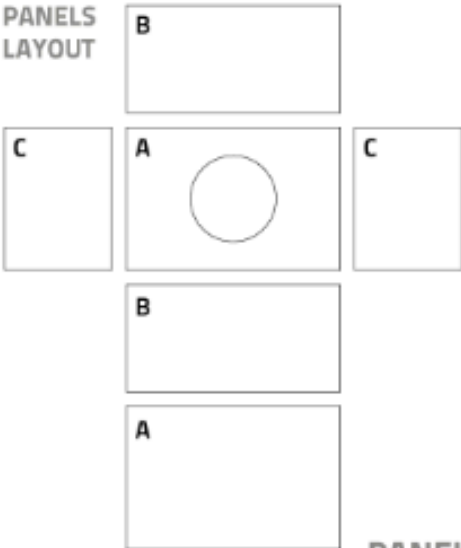
DAMPING MATERIAL



BOX
TECH
DATA

	Vb	Fc	Qtc	External dimensions Pic. 1			Mounting Hole - M	Wood Thickness	Suggested Subsonic filter cut-off	Suggested Lo-pass filter cut-off	Damping Material
	l (cu. ft.)	Hz		W mm (in.)	H mm (in.)	D 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

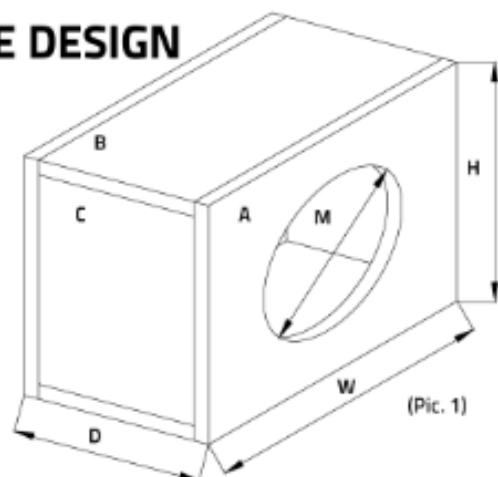


PANELS
CUT LIST

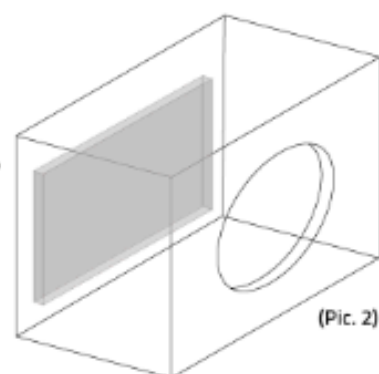
	A mm (in.)	Qty Pcs	B mm (in.)	Qty Pcs	C mm (in.)	Qty Pcs
HMS 10 B2-LD-W / HMS 10 B2-LD-C / HMS 10 B4-LD-W / HMS 10 B4-LD-C / HMS 10 S2-LD-SW.1 / HMS 10 S2-LD-G.1 / HMS 10 S4-LD-SW.1 / HMS 10 S4-LD-G.1 COMPACT (50lt)	440 X 440 (17.32 x 17.32)	2	440 x 327 (17.32 x 12.87)	2	402 x 327 (15.83 x 12.87)	2
HMS 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



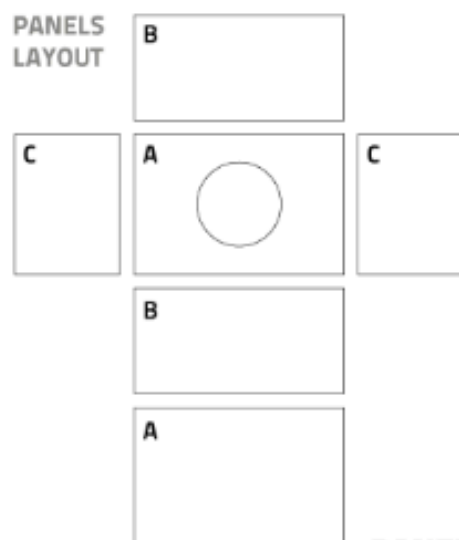
DAMPING MATERIAL



BOX TECH DATA

	Vb	Fc	Qtc	External dimensions Pic. 1			Mounting Hole - M	Wood Thickness	Suggested Subsonic filter cut-off	Suggested Lo-pass filter cut-off	Damping Material
	l (cu. ft.)	Hz		W	H	D					
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 x 327 (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