Important Safety and Product Notice



Types of Precautions

Forbidden	Indicates actions that are forbidden (must not be performed)
Forbidden	Indicates that disassembly is forbidden.
Mandatory	Indicates actions that are mandatory (must be performed)
	Marks content that should receive your full attention.

⚠ Warning

WARNING (Usage)

Forbidden

Do Not Pressure Wash or Submerge Take care when washing your vessel—avoid aiming high-pressure hoses directly at the speakers. These speaker components are IP66 splash and spray resistant; they are not designed for submersion or direct high-pressure water. Exercise caution when washing your boat to avoid water damage.

Forbidden

Do Not Attempt To Remove LED Grille The LED grille, tweeter and lighting assembly are permanently attached to the speaker frame. Do not attempt to remove them. Doing so will damage the speaker and is not covered under warranty. Damage resulting from forced removal is strictly excluded from warranty coverage.

Forbidden

Avoid Water Exposure To Rear of Speaker While the speaker front face has water protection, the backside is not waterproof. The backside of speaker components must be shielded from any moisture. Exposure to the rear components from the inside (e.g., in an unsealed enclosure or an enclosure with vents) can void the warranty. Ensure any enclosure provides adequate drainage or ventilation without exposing the rear of the speaker directly to the elements. Water ingress at the back can lead to electrical faults, creating a significant hazard, risking property damage, serious personal injury, or death.

Forbidden

Avoid Chemical Exposure When Cleaning
Do Not Use Abrasive Cleaning Products (Bleach Ammonia, Acetone)
Wiping down with a soft microfiber towel is recommended.

NOTICE (Installation)

Confirm Mounting Clearance Before Cutting: Prior to any drilling or cutting, always verify what is behind the mounting surface to prevent damage to internal vessel structures or systems.

Install on Vertical Surfaces for Weather Exposure: For installations directly exposed to the elements, always select a vertical mounting orientation. Mounting on a horizontal, upward-facing surface can allow water to pool on the speaker grille, causing corrosion and speaker degradation. Choose a flat, consistent surface for the optimal sealing gasket performance.

Wiring Guidelines Ensure speaker wiring is shielded from sharp edges and use rubber grommets whenever routing through panels and metal tubing.

Exterior Installation Guidelines: For installations on the exterior of the boat, ensure the speakers are mounted above the typical waterline to avoid submersion and damage from docking.

Ensure Proper Screw Torque For Tower Enclosure & Clamps Always use the provided hardware and apply the included blue thread locker to the screw threads. Tighten all screws strictly to the torque specifications detailed in the owner's manual. If you remove the enclosures for storage, you must reapply a medium-strength (blue) thread locker to the threads before reinstallation. Failure to properly secure the clamps could result in the enclosures detaching, leading to serious injury or death.

MRN 2-Way Coaxial Speakers [8.8" , 7.7", 6.5"]

Model

MRN-S88-LB



MRN-S77-LB



MRN-S65-LB



MRN-S88-LW



MRN-S77-LW



MRN-S65-LW



Manual Version
101026 [1.3]

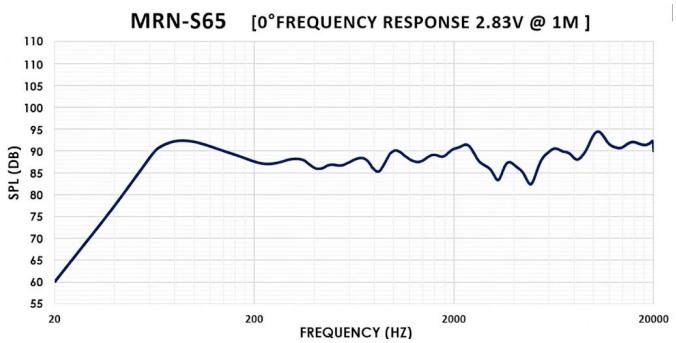
Marine Speakers
OWNER'S MANUAL

6.5”

MRN-S65-LB
MRN-S65-LW





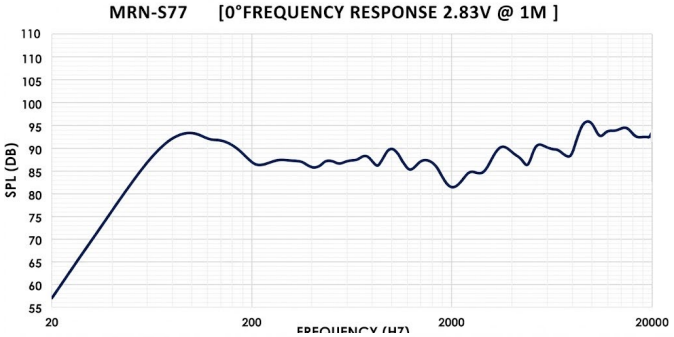


7.7”

MRN-S77-LB
MRN-S77-LW





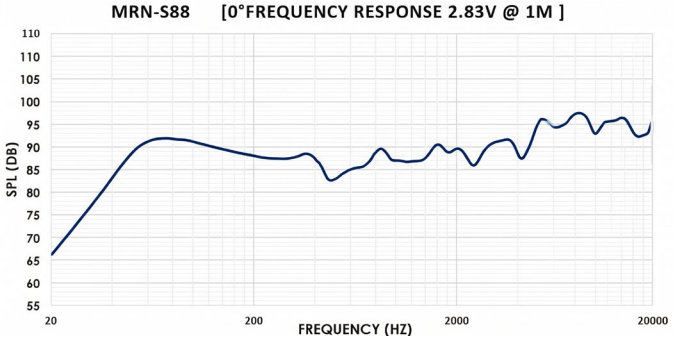


8.8”

MRN-S88-LB
MRN-S88-LW







	MRN-S65-LB MRN-S65-LW	MRN-S77-LB MRN-S77-LW	MRN-S88-LB MRN-S88-LW
RMS Power (Watts)	125 W	125 W	150 W
Re (Ω)	3.9 Ω	3.9 Ω	3.9 Ω
Fs (Hz)	70 Hz	60 Hz	52 Hz
Frequency Range	50-20kHz	45-20khz	35-20khz
X-Max (1-Way Linear)	7.5mm	7.5mm	12.5mm
Sensitivity (1W / 1M)	88.5 dB	90.0 dB	89.0 dB
Tweeter Diameter	25mm	25mm	33mm
LED Type	4 PIN RGB+	4 PIN RGB+	4 PIN RGB+
IPX Rating	IP66	IP66	IP66

Product Specifications Are Subject To Change*

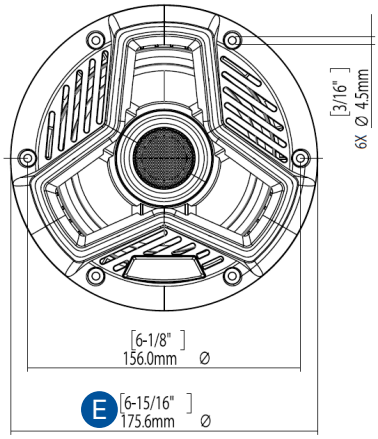
Marine Speakers
OWNER'S MANUAL

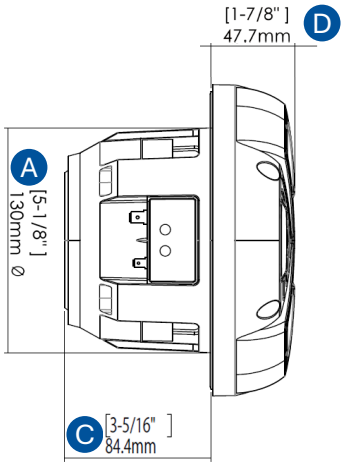
		Cut Hole Diameter	Screw Hole Circle Diameter	Mounting Depth	Front Grille Height	Grille Outer Diameter
6.5”	MRN-S65-LB MRN-S65-LW	A 130mm [5.13”]	B 156mm [6.125”]	C 84.4mm [3.3”]	D 47.7mm [1.88”]	E 175.6mm [6.94”]
7.7”	MRN-S77-LB MRN-S77-LW	A 160mm [6.3”]	B 176mm [6.93”]	C 84.4mm [3.3”]	D 47.7mm [1.88”]	E 198mm [7.8”]
8.8”	MRN-S88-LB MRN-S88-LW	A 192mm [7.56”]	B 203.2mm [8.00”]	C 106mm [4.25”]	D 50.8mm [2.00”]	E 221.9mm [8.75”]



6.5”

MRN-S65-LB
MRN-S65-LW

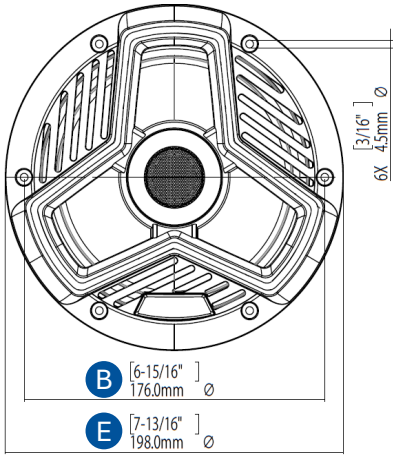


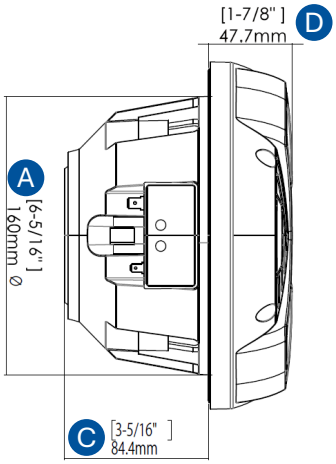




7.7”

MRN-S77-LB
MRN-S77-LW

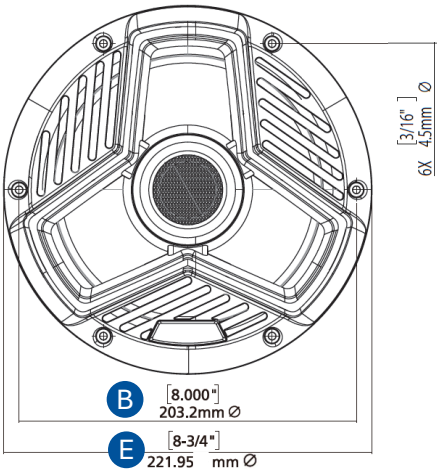


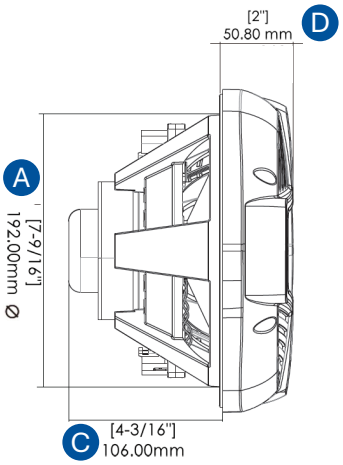




8.8”

MRN-S88-LB
MRN-S88-LW





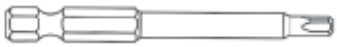
Accessory Contents

8.8”

MRN-S88-LB
MRN-S88-LW



■CONTENTS - CONTENU

① **Speaker Mounting Screw** Vis de montage de haut-parleur		×12
② **Hex Drive Drill Bit** Foret à entraînement hexagonal		×1
③ **2 Pin Waterproof Speaker Plug** Fiche d'enceinte étanche à 2 broches		×2
④ **4 Pin Waterproof LED Plug** Connecteur LED étanche 4 broches		×2

6.5”

MRN-S65-LB
MRN-S65-LW

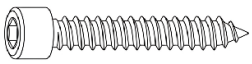
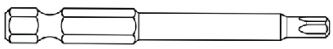


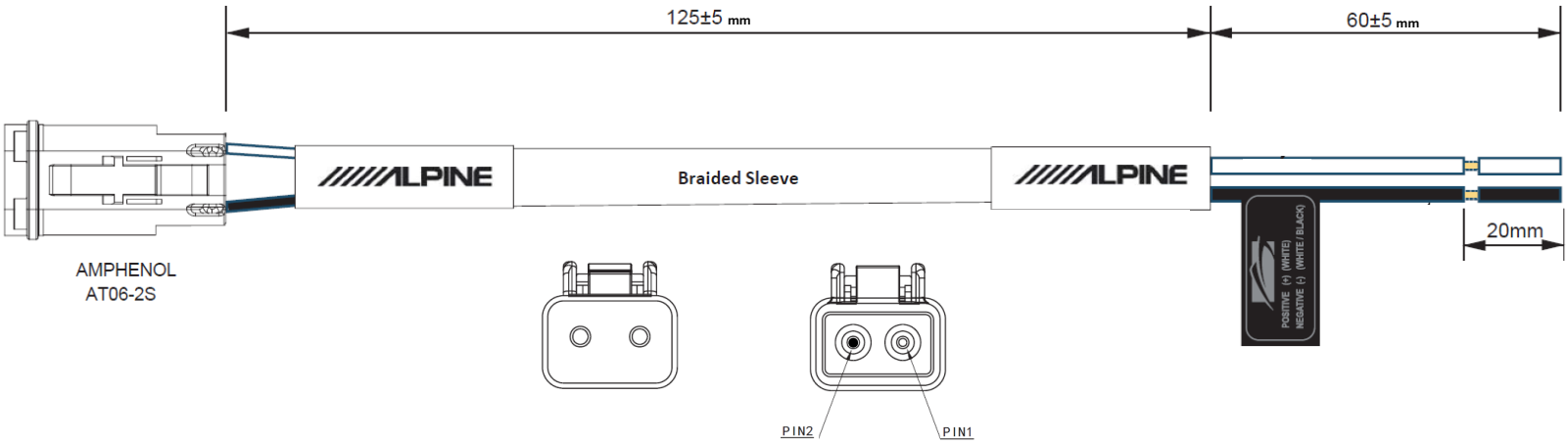
7.7”

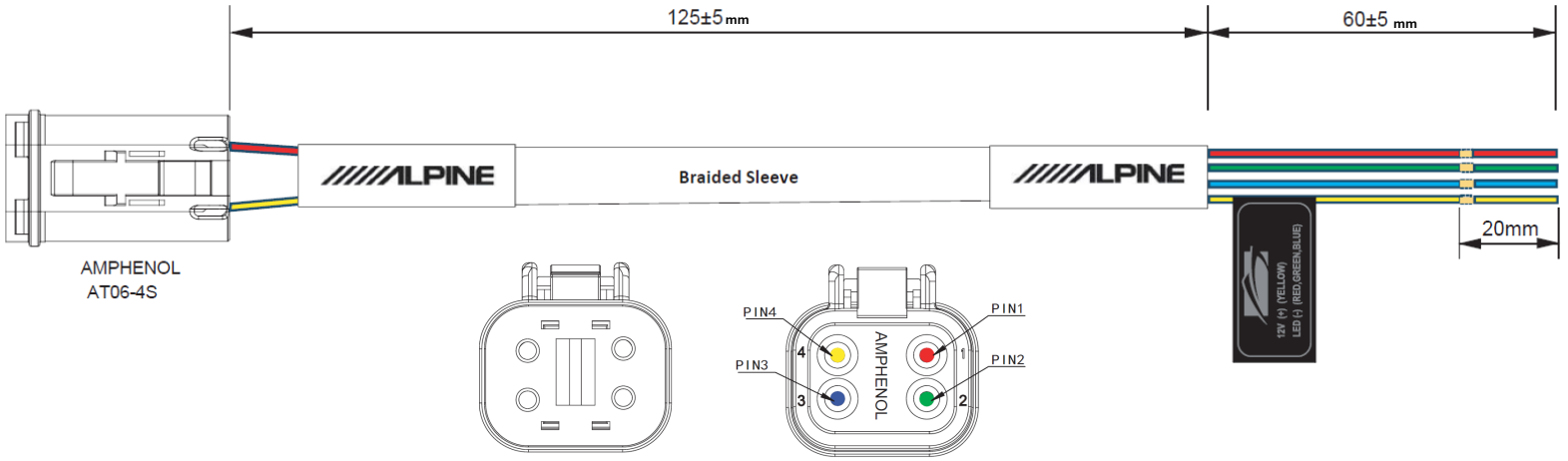
MRN-S77-LB
MRN-S77-LW



■CONTENTS - CONTENU

① **Speaker Mounting Screw** Vis de montage de haut-parleur		×12
② **Hex Drive Drill Bit** Foret à entraînement hexagonal		×1
③ **6 Pin Waterproof Plug (Speaker + LED)** Connecteur étanche LED + haut-parleur 6 broches		×2





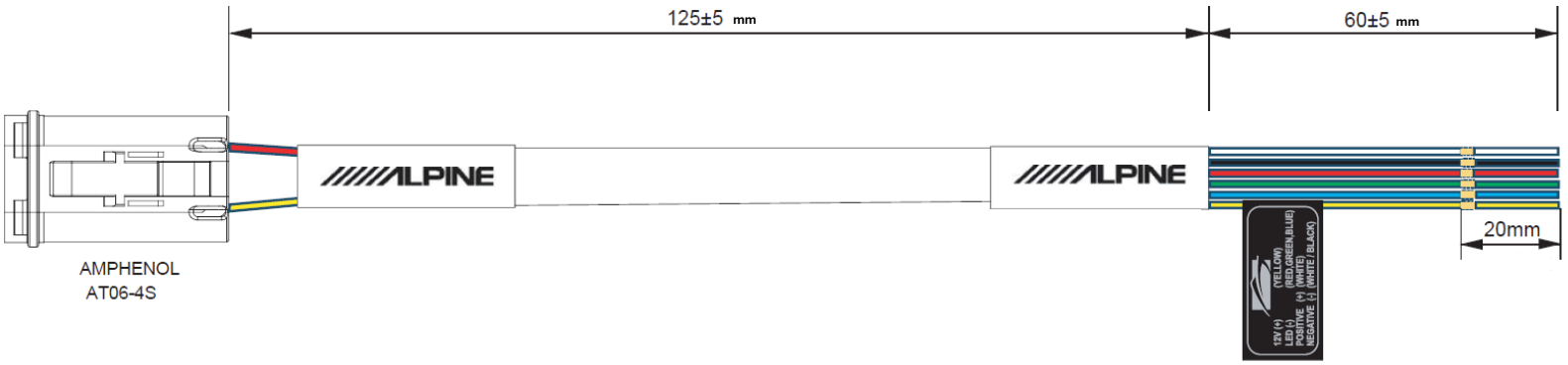
The **MRN-S88-LB/LW** uses separate connectors for speaker and RGB LED connection

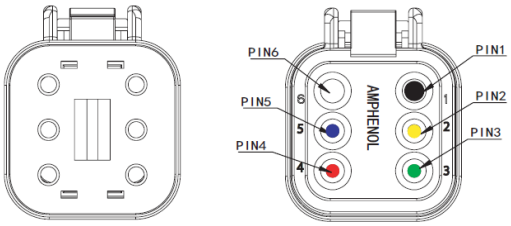
	2 Wire Waterproof Speaker Plug (AT06-2S)
WHITE	+ Speaker Signal In
WHITE w/ BLACK STRIPE	- Speaker Signal In

	4 Wire Waterproof LED Input Plug (AT06-4S)
YELLOW	+12V for RGB LED
RED	-12V for RED LED Lighting
GREEN	-12V for GREEN LED Lighting
BLUE	-12V for BLUE LED Lighting



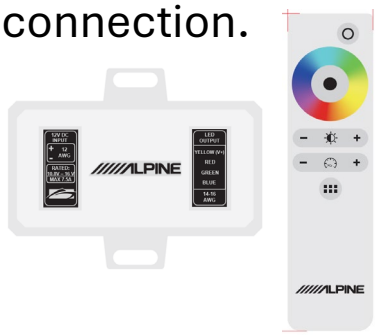
For more control over the LED Lights on your Alpine Marine Speakers and Subwoofers – check out the Alpine KTX-MRN-LED-RF Controller – sold separately.





The **MRN-S65-LB/LW** and **MRN-S77-LB/LW** use a single 6-PIN connector for both speaker connection and RGB LED connection.

	6 Wire Waterproof Speaker Plug (AT06-6S)
WHITE	+ Speaker Signal In
WHITE w/ BLACK STRIPE	- Speaker Signal In
YELLOW	+12V for RGB LED
RED	-12V for RED LED Lighting
GREEN	-12V for GREEN LED Lighting
BLUE	-12V for BLUE LED Lighting



For more control over the LED Lights on your Alpine Marine Speakers and Subwoofers – check out the Alpine KTX-MRN-LED-RF Controller – sold separately.

Important Note: ⚠

For the following MRN models:



MRN-S88-LB
MRN-S77-LB
MRN-S65-LB
MRN-S88-LW
MRN-S77-LW
MRN-S65-LW
MRN-W12S4-IB-LB
MRN-W10S4-IB-LB
MRN-W12S4-IB-LW
MRN-W10S4-IB-LW

The gold-plated spade terminals located on your speakers or subwoofers are backup connection points in parallel with waterproof plug receptacle.

Usage of the spades is not required for the operation of the loudspeaker.

Keep un-used if using the included waterproof connectors.



