

COXMATE **6W** SPEAKER- HARNESS SYSTEMS

Coxmate have developed a completely new speaker/harness system designed for maximum durability, audio quality, ease of installation and maintenance, and value.

F+



F



SP



SS



Y



Introduction to the New Coxmate Speaker/Harness Systems

The new Coxmate **6W** speaker/harness system is designed for ease of use and maximum durability and sound quality. It has the following features to meet these requirements:

- Fully **compatible with NK** speaker/harness systems
- **Polyurethane** outer sheath cable and connectors
- All **moulded** connections
- Machined **gold plated** pins
- **6 watt 12 ohm 3" waterproof speakers** (8 ohm versions are also available):
 - Improved efficiency
 - Better sound quality
 - Able to handle the higher power of today's amplifiers.
 - Safe to use 4 speakers (12 ohm version) in an eight
 - Weigh **only 100gm**- half the weight of an NK speaker.
- **Pressure balanced** speakers – ensures temperature change does not affect audio quality or risk burning out the coil
- Mounting with either screws or Velcro. Mating self adhesive Velcro disc is included. A special mount for rear mounting in bulkheads will be available.
- 4 pin connector(amplifier connection) has **protective cap**, which can be used to stow connector on rudder string.
- Seat sensor has **bigger magnet** and **high sensitivity reed switch**, enabling pick up to be mounted under boat deck on which seat rails are fitted – out of harms way.
- All modules are supplied with self adhesive Velcro straps for securing cables – easy fitting/removal and no sharp edges of cut cable(zip) ties to cut your fingers.
- Coxmate's unique **split cable glands** are available for easy water tight bulkhead penetration. Cables and connectors can be fed through gland without removing connectors – Two sizes available: One for various cable sizes up to 6 cables; one for single cable with nominal 5mm diameter.

Coxmate recommends using 4 speakers for an eight and 2 for a four. They also suggest purchasing the F+ lead section, because it is only marginally more expensive than the F lead section, and enables a seat sensor to be easily added in the future if it is required.

To enable an easy transition to the Coxmate system, it is part for part compatible with Nielsen Kellerman systems. The following is a cross reference list. The second table details which parts are required for different configurations:

<u>DESCRIPTON/CROSS REFERENCE</u>	<u>NK Part</u>	<u>Coxmate Part</u>
Lead section with seat sensor connection	A+	F+
Lead section without seat sensor connection	A	F
Y extension section	M	Y
Seat sensor	R	SS
Speaker	Speaker	SP

<u>SPEAKER/HARNESS CONFIGURATIONS</u>	<u>F+</u>	<u>F</u>	<u>Y</u>	<u>SP</u>	<u>SS</u>
Four with 2 speakers and seat sensor	1		1	2	1
Four with 2 speakers and NO seat sensor		1	1	2	
Eight with 3 speakers and seat sensor	1		2	3	1
Eight with 3 speakers and NO seat sensor		1	2	3	
Eight with 4 speakers and seat sensor	1		3	4	1
Eight with 4 speakers and NO seat sensor		1	3	4	