

FogMate®

Automated Horn Controller for Fog and Distress Signaling



- Automatically generates USCG compliant limited-visibility signaling using vessel's existing horn
- Distress mode repeats SOS signal
- Patented, clutter-free design uses existing helm switches
- Simple installation
- Operates on power, sail and motor-sail vessels
- Waterproof

Package includes—

- FogMate Controller
- Cable Harness
- Connectors
- Cable Ties
- Mounting Hardware
- Comprehensive Manual

Warranty—

- 1 Year Repair/Replace

Retail Price—

\$129

1-800-TSX-PROD
(1-800-879-7763)

www.FogMate.com

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Patent Pending

It's not easy to remember to sound your horn every two minutes when you are caught in the fog. Yet sounding proper fog signals may be the single most effective precaution to insure your safety.

Signaling

The FogMate foghorn controller supports the blast patterns specified by the USCG (International Rules for the Avoidance of Collisions at Sea, **COLREGS 72**, Part D, Rules 32-37) for both power and sailing vessels in Underway, Stopped, Restricted Maneuverability, and Distress signaling modes.

- ON Timing—
Prolonged Blast approx. 4 seconds
Short Blast approx. 1 second
- OFF Timing—
100 - 120 seconds, variable

Anti-synchronizing

OFF period is actively randomized each cycle to prevent synchronization with other vessels' fog signals.

Installation

Basic installation uses existing switches and requires no additional panel space. FogMate installs with just a screwdriver.

- Wire Harness: 2' long, 16 AWG color coded (ABYC compliant), marine grade, with terminations (provided)
- 0.25" quick-fit connections
- Small footprint

Configurable

Designed for power boats, sail boats, and motor-sail boats, the FogMate controller features many convenient installation options. It can be configured to operate with no additional switches, or with dedicated fog signal switches. Instructions for nine different installation options are provided. (More complex dedicated switch configurations require user-supplied switches.)

Electrical

The FogMate foghorn controller is designed specifically for 12-volt electrical systems. Call for information on FogMate models designed for higher voltage systems.

- Horn relay:
20 Amps @ 14 VDC, sealed
- Operating power—
Voltage: 10-15 VDC
Current: 6 mA (idle)
75 mA (relay on)
- All inputs transient and reverse polarity protected

Physical

The FogMate controller design avoids helm clutter by using the existing helm controls. Engineered to mount behind the helm and out of sight, even FogMate's size has been optimized to facilitate installation.

- Dimensions:
3" x 1.5" x 1" (incl. mounting tabs)
- Mounting:
2 tabs on 2.5" centers
5/32" mounting holes
- Weight: 3.5 oz.
- Enclosure: polished, flame retardant, black ABS plastic, flame rating: UL94V-0
- Encapsulant: black epoxy
- Waterproof
Tested to IPX-7 (IEC 529), JIS 7, NEMA Type 6

TSX Products Corp.

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