

- Allows commercial Furuno radars to be installed on military vessels
- Can operate with either an AC or DC power source
- Low cost, small size

GX-930 Furuno Radar Pre-Trigger

Commercial Navigation Radar Integration Made Simple

The sensitive receivers in naval Electronics Support Measures (ESM) and Electronic Countermeasures (ECM) suites must be muted each time a shipboard radar transmits a pulse. This Pre-Trigger blanking pulse is designed into military radars and is now available from Geodesicx as an add-on capability for commercial Furuno X and S-band radars.

The GX-930 Furuno Radar Pre-Trigger monitors the Furuno radar trigger pulse and transmits the correct Pre-Trigger pulse to activate the blanking circuitry in the AN/SLA-108 Blanker-Video Mixer Group.

The GX-930 is a self-contained unit, provided in a NEMA-4X enclosure with a robust power supply and integrated front-end, trigger, and line-driver circuits.

The GX-930 allows commercial Furuno X and S-band radars to be introduced into the ship's surface search and navigation radar suites without compromising ESM/ECM capabilities.



Evolving solutions ...

The GX-930 Furuno Radar Pre-Trigger allows commercial Furuno radars to be installed on military vessels without interference to the ESM/ECM equipment.



Furuno Radar



GX-930
Pre-Trigger



AN/SLA-10



AN/SLQ-32

GX-930 Furuno Radar Pre-Trigger

DATA OUTPUT

2.5 micro-second pulse, 8 micro-seconds prior to magnetron firing
12V peak into 125 ohm load

PHYSICAL

Length	6.7" (17 cm)
Width	4.8" (12 cm)
Depth	2.2" (5.5 cm)
Weight	28 oz. (0.8 kg)

ELECTRICAL

Power requirements:

AC Input	
Voltage	85-264 VAC
Frequency	47-63 Hz
Current	0.1A RMS
DC Input	
Voltage	24V (9-36 VDC)
Current	203mA @ 24V

ENVIRONMENTAL

Temperature Operating	0 - +50°C
Relative Humidity	
Non-condensing	0 - 95%



USS Mount Whitney - U.S. Navy photo by PHAN Ryan O'Connor



Furuno Radar Installed on USNS Bob Hope



USS Milius - U.S. Navy photo by Photographer's Mate 2nd Class Daniel J. McLain



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Specifications subject to change without notice

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