



T792HL Emitter

T792HL & T792HL-R

OPTICOM® COMPATIBLE PREEMPTION EMITTER

The TOMAR model T792HL and T792HL-R preemption emitters are used on authorized vehicles to activate GTT® OPTICOM® optical preemption and priority control systems. The T792HL is self-contained, weather resistant, and operates on 12 or 24 VDC vehicle power. The T792HL-R is a remote power supply system designed for installation where available lighthead space is limited. The T792HL-R has all the same features of the T792HL. Configured via optional software, the T792HL can emit any of 10,000 OPTICOM® compatible vehicle ID's in 10 classes of either command (high) or advantage (low) priorities. The T792HL is equipped with continuous self-diagnostics with visual feedback and a highly adaptable automatic disable system to prevent intersection lockup. An optional visible light filter can be added to make emitter operation invisible on undercover, transit, or maintenance vehicles.

The T792HL emitters include an SAE J1708/J1587 interface that can be used for on/off control, disable override, and code programming from an onboard vehicle computer.



T792HL-R

Features and Benefits:

- Self-contained, potted emitter assembly
- Hermetically sealed lamp
- Power and control cable included
- Waterproof connectors
- Control switch and indicator included
- Low power mode for transit applications
- Disable feature can be latching/non-latching, GND or +BAT polarity
- SAE J1708/J1587 interface allows on/off control, disable override, and code programming from onboard vehicle computer

NOTE: GTT and Opticom are trademarks of Global Traffic Technologies, LLC.

T792HL & T792HL-R Emitters

10 Year Warranty

These products are covered by TOMAR's standard warranty except that the warranty period is extended to 10 years for the power supply.

Specifications

Item	Description
Maximum Range	2500 feet in high power 1000 feet in low power
Output	Xenon flash compatible with GTT® OPTICOM®.
Power Requirements	Input voltage: 9 to 30VDC Input current: 2.8A average @ 12.8V, 1.4A average @ 25.6V
Construction	T792HL: Black UV stabilized glass filled Lexan® polycarbonate, polyurethane encapsulated electronics T792HL-CHROME: Automotive chrome plated ABS housing, polyurethane encapsulated electronics
Size	7.5" (191mm) x 4.5" (114mm) x 4.5" (114mm)
Weight	2.5 lbs. (1.14kg)

Ordering Information

Model No.	Description
T792HL	Preemption emitter with black Lexan® housing
T792HL-CHROME	Preemption emitter with chrome plated ABS housing
3065-PROGCAB	Programming cable with ECMP3 software
T792HL-HOUSING	Replacement housing and power supply
T792HL-R	Remote preemption emitter system includes RECT-37SWP-C lamp, all cables and switches
RECT-37-VLF	Visible light filter

NOTICE: The sale of these items are restricted to state and local governments and to authorized distributors only.

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TOMAR Electronics, Inc.
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