

OPTICOM™ MODEL 762 PHASE SELECTOR*OPTICOM™ INFRARED SYSTEM MATCHED COMPONENT PRODUCT***Features**

- Two channels of detection with the Opticom™ Model 762
- Two auxiliary detectors per channel
- Records green signal displayed at end of preemption
- Compatible with encoded signal and non-encoded signal Opticom™ Emitters
- High and low priority as well as probe frequency discrimination
- "First-come, first-served" priority within each priority level
- Extend call for closely following vehicles
- Priority-by-class setting via the Interface software
- Priority-by-direction setting via the Interface software
- Low-priority output may be configured for first-come, first-served or all-channel active
- Direct installation into CANV Type 170 input files
- Avionnatic range setting using an encoded emitter
- User-adjustable range setting up to 2,500 feet of operation
- Easy installation
- Compatible with most traffic controllers
- Computer-based Interface
- Four RS232 communication ports: front port, rear backplane and two on the auxiliary interface panel
- User-selected communications baud rate of 1,200 to 230,400 bits per second
- 10/100Mbps Ethernet communication port
- USB 2.0 communication port
- Customizable range setting
- Customizable ID code validation
- Flexible programming options for priority control parameters
- Detailed current Opticom™ Infrared System parameter information
- History log of most recent Opticom™ Infrared system activities (10,000 entries)
- Call playback-logs 100 of the most recent calls-250 seconds long
- 30,000 frequency/class/vehicle code ID combinations
- Front panel display and status indicators
- Indicators for diagnostic testing
- Crystal controlled circuitry
- Accurate infrared signal recognition circuitry
- Precise output pulse
- Definitive call verification
- Regulated detector power supply
 - Operates on 24 VDC or 120 VAC
- Optically isolated outputs
- Multifunction test switch
 - High- and low-priority test calls
 - Reset to default parameters
 - Range setting
 - Diagnostic test
- Advanced built-in diagnostics and testing
- Tested to CE and to NEMA environmental and electrical test specifications

Accessories

- Model 768 Auxiliary Interface panel
- Opticom™ On-Site Interface software package for configuration, call history and diagnostics

Operating Parameters

- Two dual-priority and probe frequency channels
- "First-come, first-served" for vehicles with the same priority level (high or low)
- Priority override: always higher over lower
- Opticom™ Infrared System Detector input(s): one per channel on the cord edge connector and two auxiliary per channel through the auxiliary function harness
- Optional Interface software for flexible programming options and call history
- Display LED indicators
 - Status
 - High signal/call per channel
 - Low signal/call per channel
- Two character display and keypad to enable diagnostics and test calls to each channel
- Voltage: 89 to 135 VAC, 60 Hz, or 24 VDC
- Temperature: -37°C to +74°C (-34.6°F to +165.2°F)
- Humidity: 5% to 95% relative
- CE Certified
- NEMA 1S-2 compliance
- FCC compliance

Physical Dimensions

- Length: 7.0 in. (17.8 cm) x 8.2 in. (20.8 cm) including handle
- Width: 1.1 in. (2.8 cm)
- Height: 4.5 in. (11.4 cm)
- Weight: 0.53 lbs. (240 g)

For complete warranty information visit www.gtt.com.**Building critical traffic connections™**

Global Traffic Technologies, LLC
7800 Third Street North
St. Paul, Minnesota 55128-5411
1-800-258-4610
651-788-7333
www.gtt.com

Global Traffic Technologies Canada, Inc.
157 Adelaide Street West
Suite 440
Toronto, ON M5H 4E7
Canada
1-800-258-4610

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