



## POLARIS GENERAL<sup>®</sup> EMERGENCY RESPONSE PACKAGE

For use by the US Military, DoD, and First Responders, TOMAR's Emergency Warning Package for the Polaris<sup>®</sup> General<sup>®</sup> is a complete, turn-key solution that provides everything an agency needs in an emergency, off-road package, plus more.

A 50" TRT Tactical Lightbar up front with two lower RECT-16s; two side-facing dual color or tri-color iLEDs; a 35" TRT Chase Lightbar, rear-facing dual color or tri-color iLED and two RECT-14s to the back complete the full, 360° warning package designed to be seen from a distance and stand up to the harshest environments.

When illumination is needed, the front upper 50" TRT; lower-front 15" dual-color TRX with white and amber modes; side-facing iLEDs; rear-facing TRT Chase Bar and iLED all override to intense, steady white light to identify the scene all around the General<sup>®</sup>. This is ideal for illuminating a target; search and rescue; or workspace lighting.

When discretion is needed, dual 940 nanometer infrared modules in the front upper TRT lightbar provide powerful forward-facing IR light, with a combination of spot and 90° flood optics. The infrared light from the TRT bar is extremely effective for covert maneuvers.

For Polaris<sup>®</sup> and their installers, this package is engineered to be pre-programmed, ready-to-sync, for ease of installation and optimal use. The warning package is also fully SAE-complaint, and can be easily programmed to meet CA Title 13 for 50-state warning compliance. A 100-watt siren speaker and push button digital control panel with public announcement make the system a complete, easy to use, turn-key solution for official use.

By providing a completely hermetically sealed light package, which employs TOMAR's Clear Vision optics, this solution is not only functional, but extremely effective and reliable. This package was designed to be as tough as the vehicles they are mounted on, and the people operating them. TOMAR designs, engineers, and assembles in Gilbert, Arizona, and provides some of the best warranties in the industry.





## SYS-POLGNRL-03B, NON IR PACKAGE SYS-POLGNRL-33B

### ALL BLUE Polaris General Package Includes:



#### Front Upper Lightbar TRT-50C-IR-3B (All Blue) (NON IR: TRT-50C-3B)

The upper front lightbar is the main source of front illumination, both visible and stealth. This bar maintains the ability to project intense white light or 940nm infrared light; but can also function as an SAE-compliant warning lightbar, which also meets CA Title 13 standards for 50-state compliance. (lightbar mount, part number TBK-POL-50)



#### Front Lower Lightbar TRX-15C-AC

The ability to switch between powerful white flood lights or amber light for fog, dust, snow, rain, or smoke, makes the 15 inch TRX bar on the lower front zone adaptable to any weather condition. (Note: Due to the availability of multiple front bumper options, no mounting brackets are provided for the front lower 15" Lightbar.)



#### Front Warning (1) R16LSV-BB-06, (1) R16LSV-BB-05

Mounted vertically with optics designed to spread light horizontally in their orientation, the RECT-16s provide powerful front warning light.



#### Side Warning (2) RSDH-BW-07 & (2) RSDH-BW-08

Dual color blue and white iLED modules mounted on the sides of the vehicle provide blue warning to the flanks, while having the ability to override to powerful white flood lights for side illumination.



#### Rear Upper Lightbar TRT-35C-CHS-3B

The rear, upper TRT bar provides multi-function use in all environments. On the outer flanks, DOT compliant stop/tail modules add visibility to the vehicle's running and stop lights. Next to those, powerful rear-facing amber spot-lights with XPL LEDs aid in visibility in convoys by penetrating dust clouds created by the vehicle at speed. The inner three modules act as the rear flood lights for scene illumination, but also as Blue/Amber/Blue warning modules for safety and identification. (lightbar mount, part number TBK-POL-35R)



#### Rear Warning Mid (1) R14LS-BB-06, (1) R14LS-BB-05

Compact but powerful RECT-14s provide dedicated rear warning.



#### Rear Warning Lower RSDH-BW-08

Dual blue and white iLED modules mounted on the rear of the vehicle provide blue warning to the rear while having the ability to override to powerful flood light for added rear illumination.



#### Siren 940L-SIREN-R

A high-mounted digital control panel with push-button functions provides light and siren controls for the whole vehicle. By keeping all functions push-button with no moving parts, dust has less impact on internal components. With the standard public-address system, making announcements are easy with the hand-held mic.



#### Speaker SPK100

A certified 100watt front-mounted speaker provides loud siren and announcement amplification.

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## SYS-POLGNRL-02B, NON IR PACKAGE SYS-POLGNRL-22B

### ALL RED Polaris General Package Includes:



#### Front Upper Lightbar TRT-50C-IR-2B (All Red) (NON IR: TRT-50C-2B)

The upper front lightbar is the main source of front illumination, both visible and stealth. This bar maintains the ability to project intense white light or 940nm infrared light; but can also function as an SAE-compliant warning lightbar, which also meets CA Title 13 standards for 50-state compliance. (lightbar mount, part number TBK-POL-50)



#### Front Lower Lightbar TRX-15C-AC

The ability to switch between powerful white flood lights or amber light for fog, dust, snow, rain, or smoke, makes the 15 inch TRX bar on the lower front zone adaptable to any weather condition. (Note: Due to the availability of multiple front bumper options, no mounting brackets are provided for the front lower 15" Lightbar.)



#### Front Warning (1) R16LSV-RR-05, (1) R16LSV-RR-06

Mounted vertically with optics designed to spread light horizontally in their orientation, the RECT-16s provide powerful front warning light.



#### Side Warning (2) RSDH-RW-07 & (2) RSDH-RW-08

Dual color red and white iLED modules mounted on the sides of the vehicle provide red warning to the flanks, while having the ability to override to powerful white flood lights for side illumination.



#### Rear Upper Lightbar TRT-35C-CHS-2B

The rear, upper TRT bar provides multi-function use in all environments. On the outer flanks, DOT compliant stop/tail modules add visibility to the vehicle's running and stop lights. Next to those, powerful rear-facing amber spot-lights with XPL LEDs aid in visibility in convoys by penetrating dust clouds created by the vehicle at speed. The inner three modules act as the rear flood lights for scene illumination, but also as Red/Amber/Red warning modules for safety and identification. (lightbar mount, part number TBK-POL-35R)



#### Rear Warning Mid (1) R14LS-RR-05, (1) R14LS-RR-06

Compact but powerful RECT-14s provide dedicated rear warning.



#### Rear Warning Lower RSDH-RW-08

Dual red and white iLED modules mounted on the rear of the vehicle provide red warning to the rear while having the ability to override to powerful flood light for added rear illumination.



#### Siren 940L-SIREN-R

A high-mounted digital control panel with push-button functions provides light and siren controls for the whole vehicle. By keeping all functions push-button with no moving parts, dust has less impact on internal components. With the standard public-address system, making announcements are easy with the hand-held mic.



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## SYS-POLGNRL-01B, NON IR PACKAGE SYS-POLGNRL-11B

### Red/Blue System includes:



#### Front Upper Lightbar TRT-50C-IR-1B (NON IR: TRT-50C-1B)

The upper front lightbar is the main source of front illumination, both visible and stealth. This bar maintains the ability to project intense white light or 940nm infrared light; but can also function as an SAE-compliant warning lightbar, which also meets CA Title 13 standards for 50-state compliance. (lightbar mount, part number TBK-POL-50)



#### Front Lower Lightbar TRX-15C-AC

The ability to switch between powerful white flood lights or amber light for fog, dust, snow, rain, or smoke, makes the 15 inch TRX bar on the lower front zone adaptable to any weather condition. (Note: Due to the availability of multiple front bumper options, no mounting brackets are provided for the front lower 15" Lightbar.)



#### Front Warning R16LSV-RR-05, R16LSV-BB-06

Mounted vertically with optics designed to spread light horizontally in their orientation, the RECT-16s provide powerful front warning light.



#### Side Warning (2) RSTH-RBW-07 & (2) RSTH-RBW-08

Tri-color red, blue, and white iLED modules mounted on the sides of the vehicle provide dual-color red and blue warning to the flanks, while having the ability to override to powerful white flood lights for side illumination.



#### Rear Upper Lightbar TRT-35C-CHS-1B

The rear, upper TRT bar provides multi-function use in all environments. On the outer flanks, DOT compliant stop/tail modules add visibility to the vehicle's running and stop lights. Next to those, powerful rear-facing amber spot-lights with XPL LEDs aid in visibility in convoys by penetrating dust clouds created by the vehicle at speed. The inner three modules act as the rear flood lights for scene illumination, but also as Red/Amber/Blue warning modules for safety and identification. (lightbar mount, part number TBK-POL-35R)



#### Rear Warning Mid R14LS-RR-05 & R14LS-BB-06

Compact but powerful RECT-14s provide dedicated rear warning.



#### Rear Warning Lower RSTH-RBW-08

Tri-color red, blue, and white iLED modules mounted on the rear of the vehicle provide dual-color red and blue warning to the rear, while having the ability to override to a powerful rear flood light for added rear illumination.



#### Siren 940L-SIREN-R

A high-mounted digital control panel with push-button functions provides light and siren controls for the whole vehicle. By keeping all functions push-button with no moving parts, dust has less impact on internal components. With the standard public-address system, making announcements are easy with the hand-held mic.



#### Speaker SPK100

A certified 100watt front-mounted speaker provides loud siren and announcement amplification.