

POSI-TRAIL, USER'S MANUAL

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Table of Contents

INTRODUCTION	3
WARNING	4
FCC NOTICES:	5
ISED NOTICES	6
PARTS LIST	7
TECHNICAL SPECIFICATION	8
INSTALLATION	9
BASIC OPERATION	10



POSI-TRAIL

RECREATIONAL VEHICLE TRAFFIC DETECTION SYSTEM

INTRODUCTION

POSI-TRAIL is a traffic detection unit for Snowmobiles, Quads, and other Off-road vehicles. The unit contains RF reception and broadcasting capability, and thus capable of detecting surrounding traffic within a 600 meters range - and so giving warning to the driver of an off-road vehicle that other vehicles are present in the nearby environment.

With POSI-TRAIL you will not depend on manual signals or need to use your hands to make manual signals. Both your hands will be free to operate your steering handle.

Vehicles equipped with POSI-TRAIL will be aware of the presence of surrounding traffic – the presence of one or more vehicles – of surfacing machines – of emergency vehicles. (The color codes will keep you informed at all times).

WARNING



POSI-TRAIL is an alert device. POSI-TRAIL is intended only to provide specific traffic information to the driver of a recreational vehicle. **This is not a security device**

The detection of "surrounding" traffic is specific to detecting only those vehicles which are equipped with the Posi-Trail product. Any vehicle not equipped with the Posi-Trail product will not be detected.

Depending on the type of environment - open fields, heavy woods, high and low grounds, obstacles, curves, etc. - the detection range of Posi-Trail will vary from 200 meters up to 600 meters.

It is our objective that the Posi-Trail product will become a mandatory traffic detection device for all off-road recreational vehicles. This will make driving a much safer sport.



POSI-TRAIL

RECREATIONAL VEHICLE TRAFFIC DETECTION SYSTEM

FCC NOTICES:

CAUTION:

Changes or modifications not expressly approved by ENASI Industries Inc. could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

RF EXPOSURE INFORMATION

This equipment complies with FCC and ISED radiation exposure limits set forth for general population/uncontrolled exposure. This transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.



POSI-TRAIL

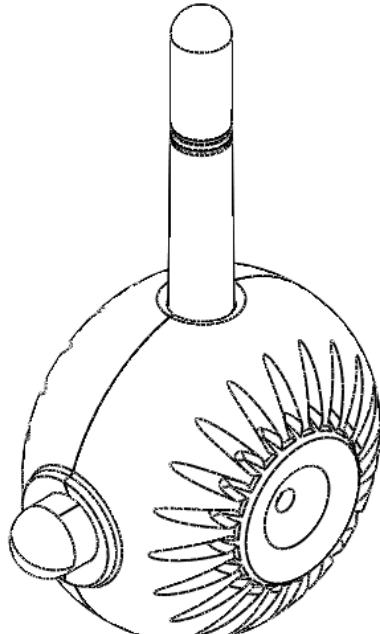
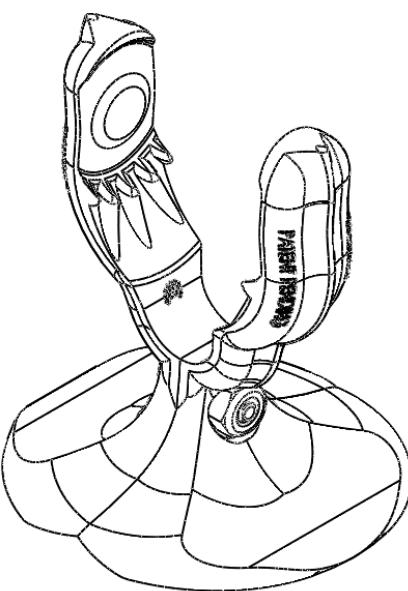
RECREATIONAL VEHICLE TRAFFIC DETECTION SYSTEM

ISED NOTICES

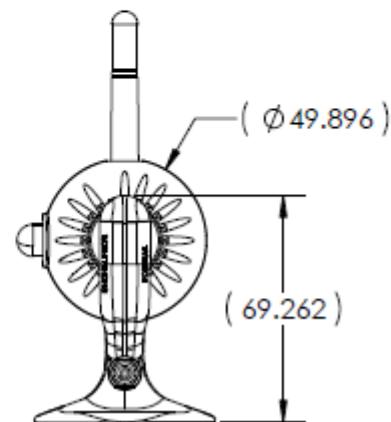
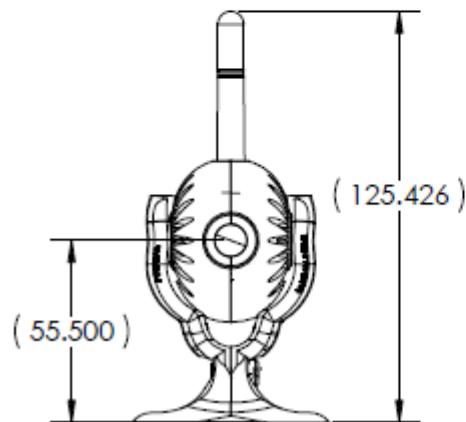
This device contains licence -exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

PARTS LIST

POSI-TRAIL POD ASSEMBLY (1)	POSI-TRAIL LEG ASSEMBLY (1)	USER'S MANUAL (1)
		

TECHNICAL SPECIFICATION



- Power Supply Requirement: 12Vdc
- Transmitting / Receiving Antenna Type: Integral
- RF Output Power Rating: 7.5 dBm
- Operating Frequency Range: 903 MHz
- RF Output Impedance: 50 Ohm
- Intermediate Frequency: 100 MHz
- Oscillator Frequency: 12.8 MHz
- Modulation Type: FSK Digital Modulation

INSTALLATION

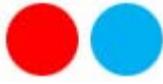
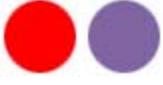
POSI-TRAIL is to be installed within the driver's easy field of vision while driving.

- Simply peel the double sided tape on the leg base and stick it on your vehicle dashboard.
- Connect the power connector to your RCA power plug and you are ready to go.



BASIC OPERATION

Your POSI-TRAIL will warn you when one or more vehicles (also equipped with POSI-TRAIL) are detected within a distance of 200 to 600 meters from your vehicle, in any direction. The LED light will indicate continuously the traffic activity present in your driving environment. See the table below for the warning light.

LED WARNING LIGHT COLOR	WARNING DESCRIPTION
	Solid green - Monitor active, no other vehicles within surroundings
	Solid red - One other vehicle within surroundings
	Flashing red - More than one vehicle within surroundings
	Flashing red & blue – Presence of snow groomer within surroundings
	Flashing red & purple – Presence of emergency vehicle within surroundings
	Solid yellow – You are in a convoy with no other vehicle present within surroundings (if you leave the convoy for longer than 15 minutes – if you then return – you will be identified as a new vehicle)
	Flashing red & Yellow – Danger point on trail