

<sup>®</sup>  
**Trovan**

# GR 251



- Long reading ranges
- Maximized read area
- Rugged, ergonomic design
- Multi-system read capability:  
Trovan, AVID encrypted,  
Destron FECAVA and clones,  
FDX-B

# trovan<sup>®</sup> GR 251

Portable Reader,  
Multi-system  
High Performance

The TROVAN GR-251 High Performance Multi-system Portable Reader is designed specifically to operate in the most demanding environments, such as marine research applications and animal shelters. It is designed to quickly locate and accurately read a transponder, if there is one present, under the most adverse conditions. For this reason, read range **and** read area coverage have been maximized. This enables operators to quickly locate and read the transponder, even if it is not located where expected due to misapplication and even if the scanning time is severely limited. Unruly animals and harried work conditions often cause readers to be dropped or knocked off a counter onto the floor. The reader may be hosed down to insure sanitary conditions. For these reasons, the GR-251 reader case is manufactured with heavy duty ABS and glass-filled polycarbonates that are securely fastened together. It is sealed to prevent moisture, caustic chemicals and salt air from intruding inside the case and damaging the electronics.

## OPTIONAL ADDITIONAL EQUIPMENT

**CAB-250** RS-232 comms cable, for GR-250 reader

**PA-250** Spare battery pack, NiCad

## DIMENSIONS

Width 175 mm (6.9 in.)

Length 297 mm (11.7 in.)

Height 114 mm (4.5 in.)

## WEIGHT

approx. 1.3 kg (2.9 lbs).

## BATTERY/POWER REQUIREMENTS

Easily replaceable 12 V rechargeable

NIMH battery pack

## SUPPLY CURRENT

Antenna activated 173 mA

Antenna deactivated 26 mA

## DISPLAY

LCD (2 lines x 16 characters)

## INDICATORS

Red and green LEDs, buzzer

## PROCESSOR

Philips P89C668

## MEMORY

8 KB RAM, 64 KB Flash

3,072 readings with time and date stamps

## INTERFACE

RS232, up to 19,200 baud

## HUMIDITY

95% non-condensing, splash proof

## MATERIAL

ABS UL 94 H

## OPERATING TEMPERATURE

-28°C to +66°C (-20°F to +150°F)

## READ AREA

35.5 cm (14 in.)

## READING DISTANCE

ID-100 up to 24 cm (9.45 in.)

Home Again/Digital Angel (12 mm glass tag)

up to 20 cm (7.9 in.)

AVID encrypted (12 mm glass tag).

up to 15 cm (5.9 in.)

FDX-B (12 mm glass tags, various brands)

up to 23 cm (9.1 in.)