

# RAIDER XTREME

RAIDER  
XTREME

**Raider Xtreme** delivers power of the PassPort trunking protocol in a single-site controller package. Small and compact, the Raider Xtreme is loaded with features every trunked radio system operator needs. Raider Xtreme is built on Trident Micro Systems' global reputation for excellence and innovation in trunking controller design.

PassPort allows operators of the Raider Xtreme to take advantage of many new trunking features including Automatic Radio Registration and De-registration, ESN Validation and Radio Stun and Kill functions.

The Raider Xtreme is easy to install, simple to set up, and very attractively priced.

## PASSPORT®

### Features:

- PassPort Enhanced Trunking Protocol
- Dispatch Trunking
- Up to 20 Channels Per Site



- Automatic Radio Registration
- Automatic Radio De-registration
- Radio Stun and Kill Capability
- Selective Call (optional)
- Airtime Logging
- Easy Installation

# RAIDER XTREME

## Features:

- **4000 ID Codes** - The User Registry in the Raider Xtreme supports up to 4,000 entries consisting of MIN and Group IDs.
- **CWID** - Morse code identifier supported with the capability of programming a separate Call Sign on a per channel basis.
- **Easy Interface** - Test switch provided for tuning and alignment. All level adjustments, test points and dip switches are readily accessible on rear panel.
- **Fade Timer** - User-programmable fade timer enables the channel to remain active, should there be a momentary loss of PassPort® data during decode at the repeater site.
- **Half or Full Duplex Operation** - System supports half or full duplex mobile operations.
- **ID Code Validation** - Provides complete validation for an entire trunking system of up to 20 channels.

## Specifications:

### Repeater Interface

Discriminator Input	50mV to 1 Volt
TX Audio Output	0 to 2 Volts Peak to Peak
TX Data Output	0 to 2 Volts Peak to Peak
PTT Output	Open Drain FET 200mA

### Comm Port Interface

Baud Rate	1200 or 2400 Baud
Interface Type	DB-9 DTE

### Data Bus Interface

T-NET	Proprietary Differential Data Bus
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### Electrical

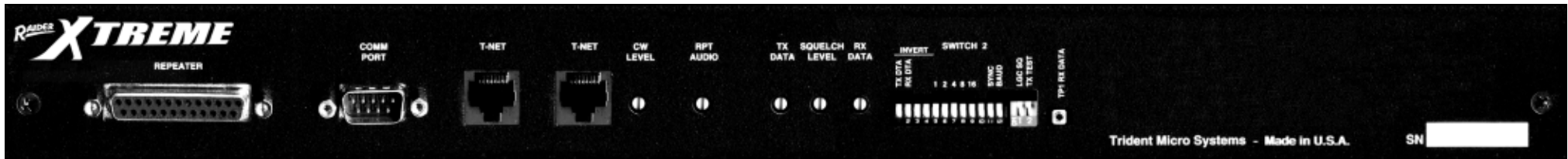
Power Supply	11 to 15 Volts DC @ 750mA
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### Environmental

Operating Temperature	-40° to 60° C
Humidity	90% non-condensing

### Physical

Size	1.75"H x 19"W x 6"D
Mounting	19" Rack with Adjustable Ears
Weight	3.0 lbs.



PN 850-004

- **Repeater Disable** - Trident's exclusive Repeater Disable feature helps to protect co-channel users from interference by "locking-out" the affected channel during the time it is being used by another repeater or system. This is especially useful in UHF trunking applications.
- **System Management** - Password protected modem support for downloading of logged airtime and upload/download of system configuration.



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## Tuff-Modem

Ideal for  
 Raider Xtreme  
 PN 300-234

### Features

- Baud rates of 1200 or 2400
- Answers incoming calls automatically
- Custom Micro Controller with Watch Dog
- Front panel LEDs indicate status
- RS-232 serial DB-25 female connector