

TN730 ET-5 Transportable Tactical Radio System Case

The ET-5 transportable tactical radio system case is a compact watertight polyethylene case. Any Daniels Electronics MT-4E receiver and transmitter can be mounted inside for repeater configurations. The ET-5 supports analog and transparent P25 digital (clear or secure) repeat capability.



The ET-5 case includes the following:

- internal mounting frame for Daniels MT-4E receiver and transmitter.
- soft grip handle and press and pull latches.
- interface connectors for RF and power inputs.
- LED indicators for receive, transmit and power indication.
- internal duplexer mounting capability.
- two switches to control the power input configuration (internal / external).

The ET-5 transportable tactical radio system can be powered by:

- a standard alkaline D-Cell battery pack (holding 16 batteries).
- a 10.5 Ah rechargeable lead acid battery.
- an external 12 Vdc power source (connector is located on the outside of the case).

43 Erie Street
Victoria, B.C.
Canada V8V 1P8

Toll Free Canada & U.S.A.
Phone: 1-800-664-4066
Fax: 1-877-750-0004

International
Phone: 250-382-8268
Fax: 250-382-6139

Internet
Email: sales@danelec.com
Web: www.danelec.com

TN730 ET-5 Transportable Tactical Radio System Case

The transportable radio case is 14.2" wide, 11.4" high and 6.5" deep, and weighs 20 lbs. fully equipped with batteries installed.

Frequency band	RF Power Output	Internal duplexer frequency separation
Highband VHF	0.5 - 6.0 Watts*	≥ 4.5 MHz separation
400 MHz UHF	0.5 - 6.0 Watts*	≥ 5.0 MHz separation
800 MHz UHF	0.5 - 3.0 Watts	≥ 45 MHz separation

* The RF power output of the Highband VHF and 400 MHz UHF transmitter is rated at a maximum of 6.0 Watts when installed in the ET-5 case (typical power output of these transmitters is 8.0 Watts).

Typical battery capacity (@20% duty cycle with 4.0 Watts RF power output):

16 alkaline D-Cells batteries	17 hours
internal 10.5 Ah lead acid battery	20 hours
external 35 Ah lead acid battery	52 hours

The ET-5 operating temperature is rated at -20°C to +50°C when using the internal batteries. When using the external battery, the operating temperature is rated at -30°C to +60°C.

The ET-5 is rated for 100% continuous duty operation.

The ET-5 case with the inside panel removed is shown in Figure 1. This shows how the Daniels MT-4E receiver and transmitter are mounted inside of the ET-5 case.

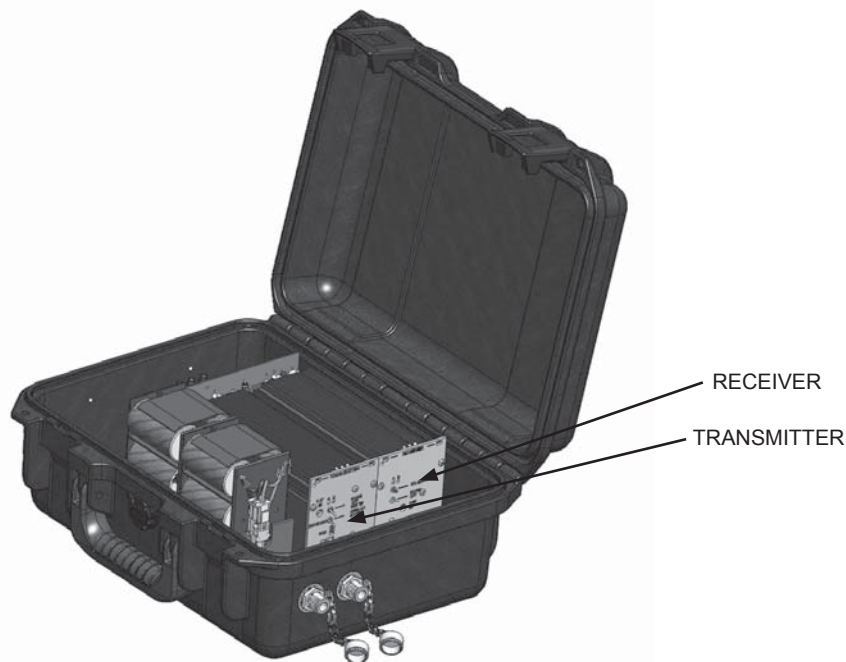


Figure 1: ET-5 case with inside panel removed

43 Erie Street
Victoria, B.C.
Canada V8V 1P8

Toll Free Canada & U.S.A.
Phone: 1-800-664-4066
Fax: 1-877-750-0004

International
Phone: 250-382-8268
Fax: 250-382-6139

Internet
Email: sales@danelec.com
Web: www.danelec.com