



Tac/Com II™ Control Heads

- Flexible Channel Identification
- On-Line Help
- Remote Channel / Radio Selection
- Fully Programmable
- Last Channel Memory
- Master / Slave Operation
- High Efficiency LED Display

Tac/Com II™ control heads provide operators with superior multi-radio operational capabilities in a compact user-friendly design. The control heads, capable of simultaneous operation for up to four separate transceivers, can be used with NAT radios and/or a selection of other industry standard radios. Each radio position is capable of supporting up to 128 channels, which can be clearly identified with a user programmable alpha-numeric label.

Support is provided for NAT transceivers as well as many Global/Wulfsberg, GE and Motorola radios. When used with Tac/Com II™ transceivers, several beneficial features are available: encryption, universal tone capability, DPL codes, and high speed scanning.

Tac/Com II™ controls are modular in design and software driven which allows the system to be continuously changed and upgraded. Slave control heads are serially interfaced to a master unit to allow remote channelling of radios by a second operator with minimal interconnect wiring. Supplemental equipment includes encryption encoders/decoders, DTMF keypads, and relay/simulcast controllers.

Tac/Com II™ controls are available in three basic models. The TH250 series simultaneously control two independent

transceivers. Measuring just 3" high in a Dzus package, the TH250 provides the capability to replace two control heads in the same space required for other single radio controls. The TH250 can be retrofitted directly into many existing installations, allowing operators to add an additional transceiver without using more space in the panel, or to consolidate two existing controls into one, freeing up valuable space.

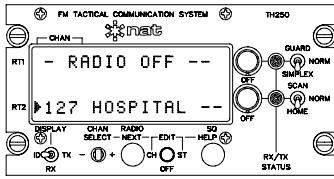
The TH350 series is identical to the TH250 except that it can control up to three independent transceivers.

The TH450 is a four radio control head available in three different formats depending on configuration. The standard TH450 is 4.875" in panel height. The new **slim line** versions, TH450A and TH450B, are 3.75", and 3.375". The standard TH450 allows the simultaneous operation of complex radio networks with as many as 6 switch control panels. This will accommodate 4 radios with 2 additional switch panels for options such as guard receivers or radios requiring supplemental switch functions, such as some Motorola and Chelton radios. The TH450A provides space for 1 additional switch panel while the TH450B is defined for primary radio functions with single switch panel configurations.

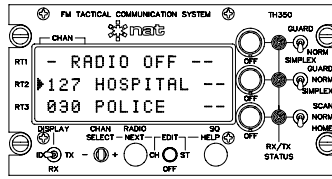


A Chelton Group company

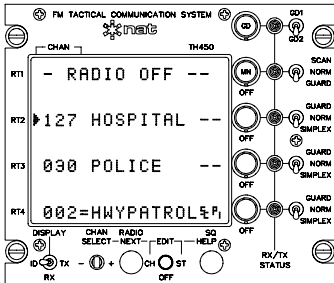
1925 Kirschner Road
Kelowna, BC V1Y 4N7
Canada
Tel: (250) 763-2232
Fax: (250) 762-3374
www.northernairborne.com



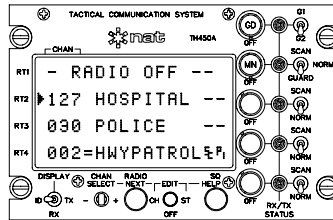
TH250



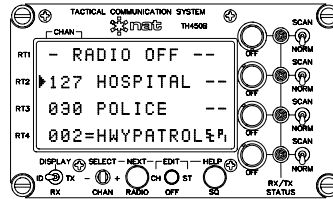
TH350



TH450



TH450A



TH450B

Mechanical:

Dimensions	TH250/260/350/360 3.0" H x 5.75" W x 6.3" D
	TH450/460 4.875" H x 5.75" W x 6.3" D
	TH450A/460A 3.75" H x 5.75" W x 6.3" D
	TH450B/450B 3.375" H x 5.75" W x 6.3" D
Weight	2.5 - 3.2 lbs, depending on type.
Mounting	Dzus

Environmental:

Temperature (Operational)	-20 C to +55 C
Temperature (Survival)	-55 C to +85 C
Shock & Vibration	DO160B
Humidity	90%
Altitude	15,000 ft (unpress.)

Inputs:

Operating Voltage	28 VDC
TH250 Series	28 VDC @ 250 mA (excl. panel ltg.)
TH350,450 Series	28 VDC @ 350 mA (excl. panel ltg.)
Panel lights	28 VDC @ 250 mA typical
Serial Link	RS232C (Serial interface for Master/Slave Serial Loading or Data Entry)

Approvals:

- FCC Parts 22, 90 Type Acceptance.
- DOC RSS-119/RSP -100 Type Approval.
- DOC Technical Acceptability Certification for Aircraft Use.
- TSO No applicable category.
- UK/CAA and Home Office Approval #MIS00002.

