



**“This is my radio.”**

# Flexcomm Tactical Communication Systems



**Wulfsberg Electronics**  
A Chelton Group Company

# It's a Wulfsberg!

The Flexcomm™ family of tactical radios delivers total communication solutions for a wide range of airborne public service providers. The breadth of the Wulfsberg™ product line means there's a system specifically designed for your mission and your requirements. And because it's a Wulfsberg, you can count on quality products backed by a company you know and trust.

## C-5000/RT-5000

When the unthinkable happens, you need to communicate. Total communications capability is what the C-5000 control and RT-5000 transceiver deliver — a complete multi-band solution for flying in the rigorous and dynamic para-public environment.

This top-of-the line Wulfsberg tactical radio system will transform your aircraft into a command and control center in the sky. It is the only system that enables users to talk on all law enforcement, military, medical, marine, SAR and public service frequencies from 29.7 MHz to 960 MHz with P-25 compliant digital communications. What's more, the C-5000 control now features an improved user interface as a result of new operational software.



## RT-5000

29.7–960MHz FM/AM

APCO P-25

Trunking

Encryption

Interagency

Interoperability

Modular design for easy upgrades

## C-5000

Controls two RT-5000 radios

Manual frequency agility

350 preset channels

NVG Compatible

Provides simulcast, relay and repeater capability



*Many users of Flexcomm equipment are reaping the benefits of a greatly improved C-5000 user interface software upgrade. Ask us for details about how to make your existing system more user friendly. It's easy!*



## P-2000

The newest member of the Flexcomm family — the new P-2000 digital/analog tactical FM radio — was designed to provide maximum communications capability for aircraft with limited space. In addition to its efficient, panel-mount design, the multi-band P-2000 features a brilliant LCD display that highlights critical information in an easy-to-read-format.

The P-2000 delivers APCO Project 25 functionality and interoperability on one or more public service bands, yet its small Dzus rail footprint belies its robust performance on the VHF, UHF, and 800 MHz bands. The system also provides maximum flexibility for those applications requiring separate crew and/or pilot radio control or simply multiple controls, e.g. master/slave or dual controls.

It's a focused and versatile solution for those who communicate in the tactical environment, and the P-2000 is ideal for airborne law enforcement, air medical rescue, homeland defense, and other public service operators.

The P-2000 panel mounted radio is also available in a separated configuration, the control and the transceiver. The C-2000 Control can be used as a remote control for the remotely mounted RT-2000 transceiver or as a slaved, master, or dual controller for the P-2000 radio. The RT-2000 remote mounted transceiver can be located in traditional avionics locations.



*The P-2000 is the world's most versatile tactical FM radio.*

## P-2000 Panel Mount Transceiver



- Color display
- VHF/UHF/  
700-800MHz
- Encryption
- APCO P-25
- 1022 preset channels
- NVG compatible
- User configurable

Embedded simulcast, relay and repeater functionality

## Antennas

For proven superior performance, Wulfsberg offers a selection of Chelton and Comant antennas to ensure optimal communication range and signal quality for each user's specific needs.

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All Flexcomm products are modular and are designed for easy expansion or upgrades. It's just what you'd expect — it's a Wulfsberg!

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## Wulfsberg Flexcomm Product Matrix

	RT-5000	P-2000	RT-2000	C-5000	C-2000
<b>Frequency Selection</b>					
29.7 – 50 MHz	✓				
50 – 88 MHz	✓				
118 – 152 MHz	✓				
136 – 174 MHz	✓	✓	✓		
Marine Band	✓	✓	✓		
220 – 400 MHz	✓				
380 – 520 MHz	✓	✓	✓		
520 – 960 MHz	✓				
700/800 MHz	✓	✓	✓		
Manual Frequency Selection	✓			✓	
Front-Panel Programmable		✓		✓	✓
<b>Guard Receiver</b>					
29.7 – 960 MHz Synthesized Guard	✓				
VHF, UHF or 700/800 MHz Guard Module	✓	✓	✓		
Single Channel, Crystal Controlled	✓				
<b>Modulation</b>					
AM	✓				
FM	✓	✓	✓		
<b>Interoperability</b>					
Analog	✓	✓	✓		
APCO Project-25 CAI	✓	✓	✓		
APCO Project-25 Trunking	✓	✓	✓		
Motorola® SmartNet™ Trunking	✓	✓	✓		
Motorola® SmartZone™ Trunking	✓	✓	✓		
1553 Bus Control	✓		✓		
<b>Security</b>					
Type 1 Encryption Ready	✓				
Embedded AES Encryption	✓	✓	✓		
Embedded Type 3 Encryption (DES/DVI/DVP)	✓	✓	✓		
MDC-1200 OTAR	✓	✓	✓		
APCO Project-25 OTAR	✓	✓	✓		
<b>General</b>					
DF Interface	✓				
Master/Slave Controls				✓	
Multiple Full Function Controls		✓			✓
<b>Radio Control</b>					
Color LDC Display		✓			✓
NVG Compatible		✓		✓	✓
RT-5000 Control				✓	
P-2000/RT-2000 Control					✓
Flexcomm I Control				✓	
<b>Physical</b>					
Max Weight (lb./kg)	19.6/8.9	3.8/1.7	3.3/1.5	3.5/1.6	2.5/1.1

## Wulfsberg Electronics

Wulfsberg Electronics is the leading supplier of Flexcomm multi-band, airborne FM/AM radio communications systems. Additionally, Wulfsberg designs and manufactures a complete line of Chelton™ Nav/Com products for the corporate aviation, military trainer, commuter airline, and helicopter markets.

Wulfsberg's Nav/Com System can be configured with VHF Comm (8.33 or 25 kHz channeling, 118-152 MHz), VOR, ILS, Marker Beacon, DME, Transponder, ADF, discrete controls, and a Radio Management Unit. The system includes both ARINC 429 digital interfaces as well as conventional analog interfaces to support new or retrofit installations.

Wulfsberg Electronics is one of 10 Chelton Avionics, Inc. companies, including ACR Electronics, Artex Aircraft Supplies, Chelton Antennas, Chelton Flight Systems, Chelton Satcom, Comant Industries, Orion Electronics Ltd., Northern Airborne Technology (NAT), and Seimac.

Chelton Avionics, Inc. is a wholly owned business unit of U.K.-based Cobham plc, which has annual sales in excess of £690 million (\$1 billion). Cobham designs and manufactures equipment, specialized systems and components for the aerospace, defense, industrial, and communications markets, and operates, maintains and modifies aircraft, particularly in support of special mission flight operations.

For more information about the Flexcomm family of communication solutions, visit our website at [www.Wulfsberg.com](http://www.Wulfsberg.com).



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Specifications and features are subject to change.

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