

Flexcomm Special Mission Communications

Any aircraft, any mission, one solution.

COBHAM

The most important thing we build is trust



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Communication without limits.

COBHAM

C-5000/RT-5000

When the unthinkable happens, you need to communicate. The C-5000 control and RT-5000 transceiver delivers total communications capability. It is a complete multi-band public service and military communication solution for flying in the rigorous and dynamic para-public environment.



This Cobham top-of-the-line 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. Features included in all versions of the RT-5000 equipped with P-25 technology are AES encryption, OTAR, Multi-key, and SmartZone P-25 Trunking.



As a result of new operational Flexcomm CS software, the C-5000 control now features an improved user interface that gives the user 700 preset channels and visible volume level settings. Built into the C-5000 are key command and control functions that have become a standard requirement for all first responders - relay, simulcast, relay/simulcast and, only on the C-5000, automatic repeater mode. NVG friendly and with all programming connectors on the front of the unit (and optionally on the back), the C-5000 is designed to give the operator quick and simple access to the powerful RT-5000 transceiver.

Now all Flexcomm II components are exportable with no ITAR restrictions, saving time and money, whether the installation is for a domestic or international aircraft.

CD-5000/RT-5000 Synthesized Guard

The newest Flexcomm product, the CD-5000 display unit, controls the Synthesized Guard version of the RT-5000 (P/N 400-015525-0501). This controller is only 3 inches deep and can be easily Dzus mounted. The CD-5000 has been optimized for VHF/UHF AM communications so with one RT-5000, users can simultaneously monitor two channels (VHF/UHF, VHF/VHF, UHF/UHF) or use the guard to monitor 121.5 or 243.0 MHz. In addition, users have the ability to operate from 350 preset channels. While optimized for use in the VHF/UHF comm bands, the system still gives complete 29.7 to 960 MHz public service band coverage, and is simple to install and operate.



The RT-5000 with a synthesized guard provides for two independent receivers, both covering 29.7 to 960 MHz. Whether used as backup AM comm, a UHF comm, or as a special mission tactical radio, this version of the RT-5000 puts the world at the user's fingertips.

P-2000

The P-2000 digital/analog tactical FM radio is 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 public service bands. With a small Dzus rail footprint, its robust performance on the VHF, UHF, and 800 MHz bands 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.

A focused and versatile solution for those who communicate in the tactical environment, 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 configuration to allow for remote mounting of the radio. By using a C-2000 control head and an RT-2000 remote mount transceiver, installations can be designed to optimize receiver sensitivity and transmit power delivered to the antenna, especially on large aircraft. The C-2000 control can be used as a remote control for the remotely mounted RT-2000 transceiver or as a slave controller for the P-2000 panel mount transceiver.



Antennas

For proven superior performance, Flexcomm utilizes a large selection of Cobham and Comant antennas to ensure optimal communication range and signal quality for each user's specific needs. Only one antenna is needed to cover all the frequencies of the RT-5000 - a single control, single radio, single antenna.



Flexcomm is a part of the complete package of radio communications systems offered by Cobham Avionics. Cobham's products and services have been at the heart of sophisticated military and civil systems for more than 70 years, keeping people safe, improving communications, and enhancing the capability of land, sea, air and space platforms.