Tactical Communication Products: C-5000 Control Heads
P-25 Versions

PRODUCT DESCRIPTION

The latest series of C-5000 part numbers control the new P-25 compatible versions of the RT-5000 Transceiver and all other Wulfsberg Transceivers. A completely new user interface makes the operation incredibly intuitive while performing even the most complex command and control functions. These new versions of the C-5000 can control one or two Wulfsberg Transceivers. Totally new software now allows for 12-digit Alpha Identifier labels, which makes identifying a channel much simpler. Two microphone and headset ports allow for simultaneous, independent operation of two radio systems. Standard with the C-5000 are 350 preset channel memories, DTMF/Pulse dialing, manual frequency selection on each system, front panel programming, and a PC database data port on the front of the unit. All part numbers of the C-5000 built to date can be easily upgraded to these new part numbers. This version of the C-5000 is recommended for all new installations not requiring 3-transceiver independent control.

Features
Used with P-25 RT-5000's
Controls up to Two Transceivers
Dual Independent Mic/Headset ports
350 Preset Channels
Programmable by:
     PC Database Download
     Front Panel
     Manual Frequency Entry
Multiple Radio enhanced modes:
     Cross-Band Relay
     Simultaneous Multi-radio Transmissions
     Repeater

Options
External Encryption Ready
Black or Gray Faceplate
NVG Gen III Compatible Display

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Specifications

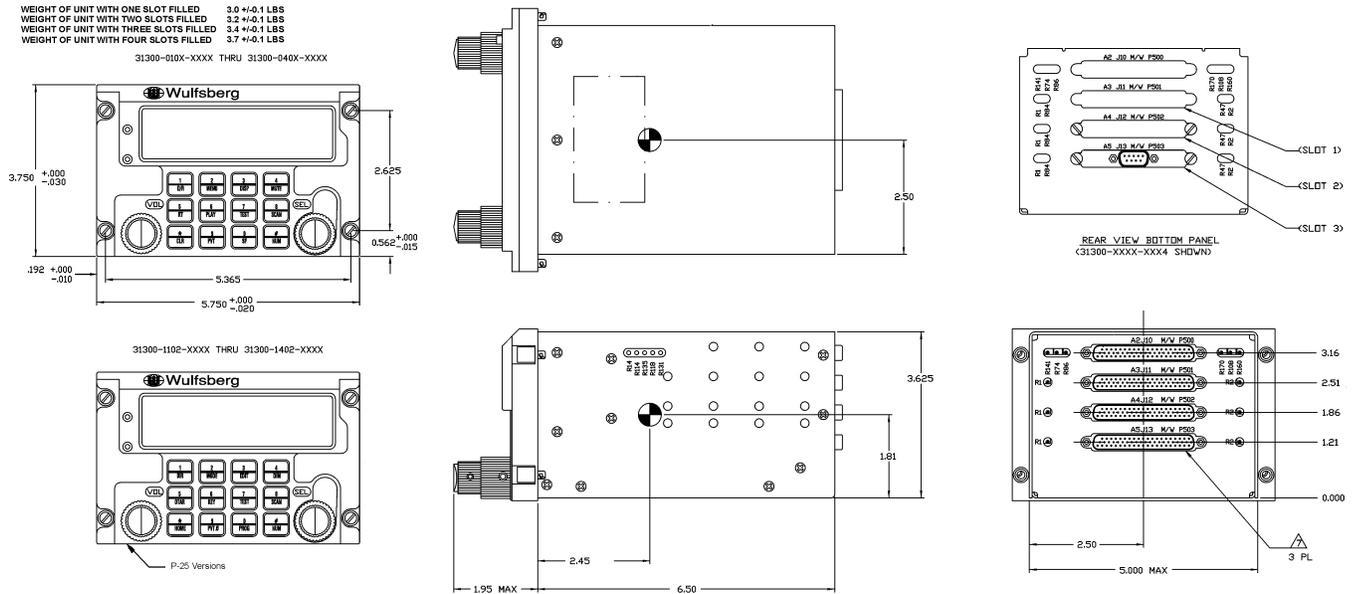|	
Power Requirements	27.5 Vdc Aircraft Power (+/- 20%)
Current Requirements	0.4 amps to 1.3 amps
Weight	3.5 lbs. (1.59 kg)
Temperature	-22°F to 140°F (-30°C to +60°C)
Panel Lighting	5 Vdc, 5 Vrms and 28 Vdc Standard
Display Options	Standard Green or NVG Gen III compatible
Radio Interfaces	RT-5000,RT-7200,RT-9600(F), RT-30, RT-138(F) RT-450, RT-406F
Preset Channel Memory	350 Channels

C-5000 Part Number Matrix

Base Part Number: 31300-1**A**02-**BCD**0

Options **A** = 1:Black Face, Standard Display
2:Black Face, NVG Display
B = 1:Standard
3:KY-58 Encryption Ready
4:DES External Encryption Ready
C,D = 0:No Radio Interface Card
1:Flexcomm I/Flite/COM Interface Card (Parallel R/T)
2:RT-5000 Interface Card (Serial R/T)

Configuration Variations	Description
31300-1102-1200	C-5000 STD Display, Blk, P-25. 1 Serial RT Control
31300-1102-1210	C-5000 STD Display, Blk, P-25. 1 Serial RT Control, 1 Parallel RT Control
31300-1102-1220	C-5000 STD Display, Blk, P-25. 2 Serial RT Control
31300-1202-1200	C-5000 NVG Display, Blk, P-25. 1 Serial RT Control
31300-1202-1210	C-5000 NVG Display, Blk, P-25. 1 Serial RT Control, 1 Parallel RT Control
31300-1202-1220	C-5000 NVG Display, Blk, P-25. 2 Serial RT Control
31300-1202-4204	C-5000 NVG Display, Blk, P-25, DES Encryption. 1 Serial RT Control, Rear Data Loader Connector
31300-1202-4224	C-5000 NVG Display, Blk, P-25, DES Encryption, 2 Serial RT Control, Rear Data Loader Connector

Figure 23. **C-5000 Outline Drawing (P-25)**
Portions of Dwg No. 154-031300

The C-5000 in the frequency agile control mode is limited to aircraft installations and operation per FCC Rules 90.203(h) and 90.423.