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: 31300-1A02-BCD0
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)

<table>
<thead>
<tr>
<th>Configuration Variations</th>
<th>Description</th>
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<tbody>
<tr>
<td>31300-1102-1200</td>
<td>C-5000 STD Display, Blk, P-25. 1 Serial RT Control</td>
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<tr>
<td>31300-1102-1210</td>
<td>C-5000 STD Display, Blk, P-25. 1 Serial RT Control, 1 Parallel RT Control</td>
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<tr>
<td>31300-1102-1220</td>
<td>C-5000 STD Display, Blk, P-25. 2 Serial RT Control</td>
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<tr>
<td>31300-1202-1200</td>
<td>C-5000 NVG Display, Blk, P-25. 1 Serial RT Control</td>
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<tr>
<td>31300-1202-1210</td>
<td>C-5000 NVG Display, Blk, P-25. 1 Serial RT Control, 1 Parallel RT Control</td>
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<td>31300-1202-1220</td>
<td>C-5000 NVG Display, Blk, P-25. 2 Serial RT Control</td>
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<tr>
<td>31300-1202-4204</td>
<td>C-5000 NVG Display, Blk, P-25, DES Encryption. 1 Serial RT Control, Rear Data Loader Connector</td>
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<tr>
<td>31300-1202-4224</td>
<td>C-5000 NVG Display, Blk, P-25, DES Encryption, 2 Serial RT Control, Rear Data Loader Connector</td>
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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.