The world’s most versatile portable communications integration hub.

For Military and Civilian/GA use

Integrate into your ICS:
- Satellite phone
- Hand held transceiver
- Cell phone
- iPod
- Other audio.

Portable 2 position VOX ICS

www.flightcell.com
Flightcell® Pro provides high-quality audio in high-noise environments, enabling hand-held phones and radios to be operated where they were otherwise unusable.

Interfaced devices
Flightcell Pro is incredibly versatile. It can be used to interface virtually any portable communications or audio device:
- Satellite phones – Flightcell is optimized for integrating the Iridium 9505 and 9505A handsets
- Cellphones
- Hand-held radios, including aviation and non aviation transceivers and portable military tactical radios
- Audio recorders and cameras
- Other audio sources - for example an iPod/CD/MP3 player, laptop computers or specialised audio monitoring equipment.

Multiple Functions
- Master volume control adjusts all inputs and outputs simultaneously
- Individual inputs and outputs can be adjusted to optimize audio levels
- Isolate function allows phone and radio to be isolated while user is talking on ICS or phone
- Optional cable allows second user full access to connected communications or other audio devices
- Optional injector cable allows incoming phone or radio audio to be provided to all crew via ICS, or to a second headset

Use Flightcell Pro as a portable intercom
Flightcell Pro doubles as a portable, dual VOX two-place intercom in any aircraft or vehicle with or without radios.

Connect and communicate with Flightcell® Pro
Flightcell provides the leap forward in communications integration by simultaneously connecting one or more complementary communications options into a military or civilian headset whilst remaining connected to the aircraft or vehicle interphone (ICS) and radios.
Flightcell Pro provides high-quality audio in high-noise environments, enabling hand-held phones and radios to be operated where they are otherwise unusable.

Power Options
Flightcell Pro can be powered by an internal rechargeable battery with up to 40 hours operation - or operate and/or recharge battery from aircraft DC power supply:
- 110V or 220V AC (with supplied power adaptor)
- 9-32V DC from vehicle or aircraft power
- LCD Display indicates battery status, volumes, menu settings and connection states.

Connectivity
1. Aircraft power cable or DC charger socket
2. RJ45 port for second user headset, audio output device and non-aviation transceiver
3. MP3 music player or other audio input
4. Satellite phone input
5. Cellphone input

Global point-to-point integrated communications
Flightcell Pro provides global point-to-point integrated communications capability with unlimited applications and proven success.
- Proven in the harshest of military environments – Flightcell Pro has been deployed in over 2000 military aircraft
- Components are tested to rugged Milspec standards
- Flightcell Pro is lightweight and robust, housed in a flame-retardant polycarbonate casing.
Ask for Flightcell Pro Dual Impedance for all military applications.

Unlimited applications
- Commercial pilots – stay in touch with customers while you fly – wherever you are.
- Search and Rescue – communicate direct to control centre, people on the ground, or to specialist support or medical staff.
- Emergency communications – Flightcell Pro can operate independently of your aircraft systems, enabling you to use your phone in the event of power or radio failure.
- Music/podcasts – listen to your iPod/MP3 in high-quality, amplified stereo sound.

Flightcell® Pro Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main headphone power</td>
<td>100mW</td>
</tr>
<tr>
<td>Aux mic impedance</td>
<td>Electret</td>
</tr>
<tr>
<td>Aux headphone impedance</td>
<td>150-600Ω</td>
</tr>
<tr>
<td>Main mic circuit</td>
<td>Isolated</td>
</tr>
<tr>
<td>Main mic sensitivity</td>
<td>5mV</td>
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<tr>
<td>Main mic frequency response</td>
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<tr>
<td>Aux mic frequency response</td>
<td>70Hz - 20kHz</td>
</tr>
<tr>
<td>Typical phone sensitivity</td>
<td>200mV</td>
</tr>
<tr>
<td>Cellphone frequency response</td>
<td>70Hz - 20kHz</td>
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</tbody>
</table>

Special Edition

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