

ABH 5015

Cordless Handset & Base Station with Integral Credit Card Reader

- Enjoy the convenience of cordless
- Credit card access for passenger use and billing
- PIN access for the crew to contact medical or operational support
- Systems can be configured using two handsets to operate in queue or conference mode
- Lowest calling rates in the industry



Features and Benefits

The ABH 5015 is a convenient cordless handset paired with a bulkhead-mounted base station, which features an integral credit card reader. Using a major credit card, your passengers can now pay for calls when they are placed.

Your crew can also use the handset for operational assistance and on-the-spot response to medical emergencies, giving you the advantage of air-to-ground voice communications for better passenger care and risk avoidance. A personal identification number (PIN) can be set up for the crew to eliminate the need for a credit card.

For added practicality, two ABH 5015s can share a single transceiver and be set up to operate in either queue or conference mode. This allows two users to conference on a call, or alternate exclusive use of the system between two individual users.

The cordless ABH 5015 bulkhead handset is part of a low-cost airborne system, which is easily installed and certified. AirCell also saves you money with the lowest calling rates in the industry.

System



Typical System Shown

AirCell Blade Antenna
 AST 3501 AirCell Transceiver
 ABH 5015 Bulkhead Handset
 Iridium Patch Antenna

Technical Specifications

Dimensions

Base Station Only	13.1" L x 5.32" W x 1.97" H (33.27 cm x 13.51 cm x 5.00 cm)
Base Station and Handset	13.1" L x 5.32" W x 2.5" H (33.27 cm x 13.51 cm x 6.35 cm)
Overall, including Back Connector	13.1" L x 5.32" W x 2.7" H (33.27 cm x 13.51 cm x 6.86 cm)

Weight 2.8 Pounds (1.27 kg)

Power +18.0 to +32.2 VDC

Enclosure Material Plastic (Meets Flammability Requirements)

Connectors

Power and Transceiver	15 Pin "D-Sub" per Mil-C-24308 or Equivalent
Antenna	Coaxial SMA Female

Handset to Base Station Cordless Link

Frequency	902–928 MHz
Transmit Power	1.0 mW Maximum

Handset Battery

Polymer Lithium-Ion, Rechargeable Battery
 3 Hours Continuous Talk Time
 Up to 100 Hours Standby Time
 4 Hours Max. Recharge Time

DO-160D Categories

Partial List	
Temperature and Altitude	Section 4, Category A4 (-15°C to +55°C, 15,000' MSL)
Shock and Crash Safety	Section 7, Category B
Vibration	Section 8, Category S, Curves L, M, Y & C
RF Emissions	Section 21, Category M

ABH 5015 also requires a Remote Antenna Module (RAM), which contains an external 900 MHz antenna.