

Flightcell Iridium 9505/A and 9555 satellite phone cradles



- + Rugged aluminium construction + Mil Spec
- + Intelligent digital/analogue interface
- + Supports remote voice and data connections



Flightcell International has developed advanced cradles for the Iridium 9505/A and 9555 satellite phone handsets. Whilst primarily designed to operate in conjunction with the Flightcell DZM, these cradles are ideal for any standalone application where a robust phone cradle solution is required, whether aviation, vehicle or marine.

BUILT TO LAST & CERTIFIED

Built to last with a solid alloy frame that's as tough as you can get, Flightcell Cradles are rated to over 16G for the extremes of military use. You can be sure that your Iridium 9505/A or 9555 will stay put in this mount in the toughest situations, in the air, on land or at sea.

Flightcell cradles have been designed to meet the strict certification requirements of the US Department of Defence for aviation use and also meet RTCA-DO160E vibration & EMC standards. The 9505A Cradle also accepts the General Dynamics Secure Voice Sleeve.

EASY TO USE

Flightcell Iridium phone cradles combine strength with ease of use. To mount the phone, just clip it into place and push back to mate the antenna. To release, simply flip up the retaining latch (9555) or push the antenna release button (9505/A) and your phone is portable again.

FULLY CONNECTED

Flightcell Cradles are fully provisioned with antenna, data, power supply and audio connections. The power supply regulator operates on 10-32V DC and is designed to minimise audio interference from your aircraft or vehicle system, particularly important in aircraft with 400Hz 28 VDC systems

The cradles are primarily designed for installation, as part of the Flightcell DZM voice, data and tracking integration system linked into your aircraft audio and data systems. Alternatively they can be used as a convenient stand-alone product where cockpit space is not a priority.

DIGITAL VOICE ENHANCEMENT

Flightcell Iridium Cradles are Digital Voice capable for 9505A and 9555, significantly improving the voice quality.

Flightcell also manufacture the following options;

- The **Vehicle hands-free** version is available for motor vehicle applications. This option uses a remote speaker and mic for audio.
- The **9505/A GPS model** has been developed specifically for the US DoD. This model accepts the General Dynamics GPS Sleeve

- The **Flightcell DZM**. This controls all functions of the remotely located cradle and phone including power on/off, dialling, phone book, tracking, data transfer, and SMS functions.

- The **Versatile Audio Module**. This must be used with the cradle if using in standalone mode (without a DZM) in an aircraft in order to interface the audio into the aircraft ICS.

REMOTE LOCATION PHONE MOUNTING

With the Flightcell DZM installed, your Iridium phone can be mounted out of the way anywhere on the aircraft. Calls are dialled from the DZM keypad with audio channelled through your Audio Panel/ICS. This is particularly important where NVG compliance is required. The Iridium phone is not NVG compliant but the DZM is.

For further information on Flightcell DZM please visit our website: www.flightcell.com

Iridium 9505/A + 9555 satellite phone cradles



9505/A



9555

Cradle specifications

Machined from aluminium 6061, black powder-coated
Input power from 10-32V DC

Weight: 9505: 645g (1 lb 4 oz)
9555: 695g (1 lb 5 oz)

Rated to exceed 16G impact loading

Connector Information

1 x D25 male data connector (data, power, voice)
1 x TNC antenna connector

Dimensions: 9505/A Model

Length: 206.5mm (8.13 in)
216.5mm (8.52 in) with TNC Connector
Width: 90mm (3.55 in) incl. audio cable
72mm (2.85 in) Base excl. audio cable
72mm (2.85 in) model with digital audio

Maximum depth: (with phone) Latched 62mm (2.45 in)

Dimensions: 9555 Model

Length: 222.5mm (8.76 in)
254mm (10.0 in) Latch open
Width: 64mm (2.5 in)
73mm (2.87 in) Base plus latch handle

Maximum depth: (with phone) 66mm (2.60 in)

Certification:

Mil-Std-810F- Vibration
Mil-Std-810F- 20g-Shock test
DO160E-Sec 21-EMC

Options:

Standard Aviation models: 9505 or 9555
Military Connector model: 9505

GPS Sleeve model: 9505A
Vehicle hands-free: 9505 or 9555
Privacy-DPL Handset: 9505 or 9555

Parts numbers:

FC9555D25M4M	9555 Standard
FC9505/AD25M3M	9505/A Standard
FC9505/A38999M3M	9505 38999 Connector
FC9505AGPSM3	9505 GPS Sleeve
FCDS9505AUSBM3C	9505 Vehicle Kit
FCDS9555USBM4C	9555 Vehicle Kit

Accessories:

Ram-Ball & Socket mounting system
VAM- Versatile Audio Module

