Compact Stick

Built for control

Stirling Dynamics' Compact Stick is feature-rich, highly reconfigurable, and suitable for single or dual (linked) cockpit configurations. By configuring the feel, the Compact Stick can mimic the form and feel of any fixed wing aircraft.

The Compact Stick is fully active, extremely compact and configurable in real-time. Used with the Inceptor Control Module (ICM) and 28V supply, the Compact Stick provides forces up to 156N at 190 mm nominal grip reference point. Features screw ring mounted grip interface. Utilises 2 axes in the ICM.

Features

- Programmable feel characteristics
- Real-time control
- Reconfigurable
- Electronically Linkable

Description	Specification
Continuous operational force*	160N (36 lbf)
Active travel	±25°
Maximum velocity	120°/s
Interconnecting cables	1 x Interconnecting cable (5.5 m max) 1 x Power cable 1 x Optional grip switch cable
Grip type	Compatible with generic grip or replica grips for civil or military applications
Grip interface	MIL-SPEC D38999/26FD35SN with threaded locking ring
Grip switch wiring	Routed to MIL-SPEC connector or via ethernet from ICM
Software interface	UDP over 1000Base-T ethernet
Input power supply	ICM
Weight	5.3 kg (11.7 lb)

* At nominal grip reference point of 190 mm (7.5")

Our products work even better together

With versatility in mind, all of our active controls are commanded by a dedicated electronics Inceptor Control Module (ICM), which provides an ethernet interface allowing minimal integration effort. From a single fixed wing cockpit to dual rotary cockpit configurations, multiple ICM's can be used in combination to provide designers with total flexibility.

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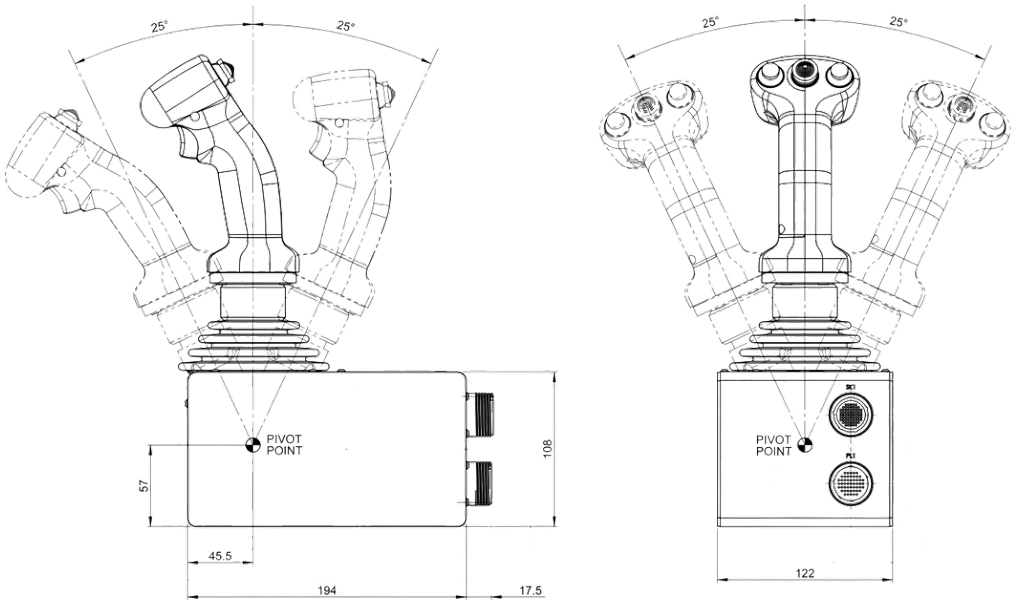
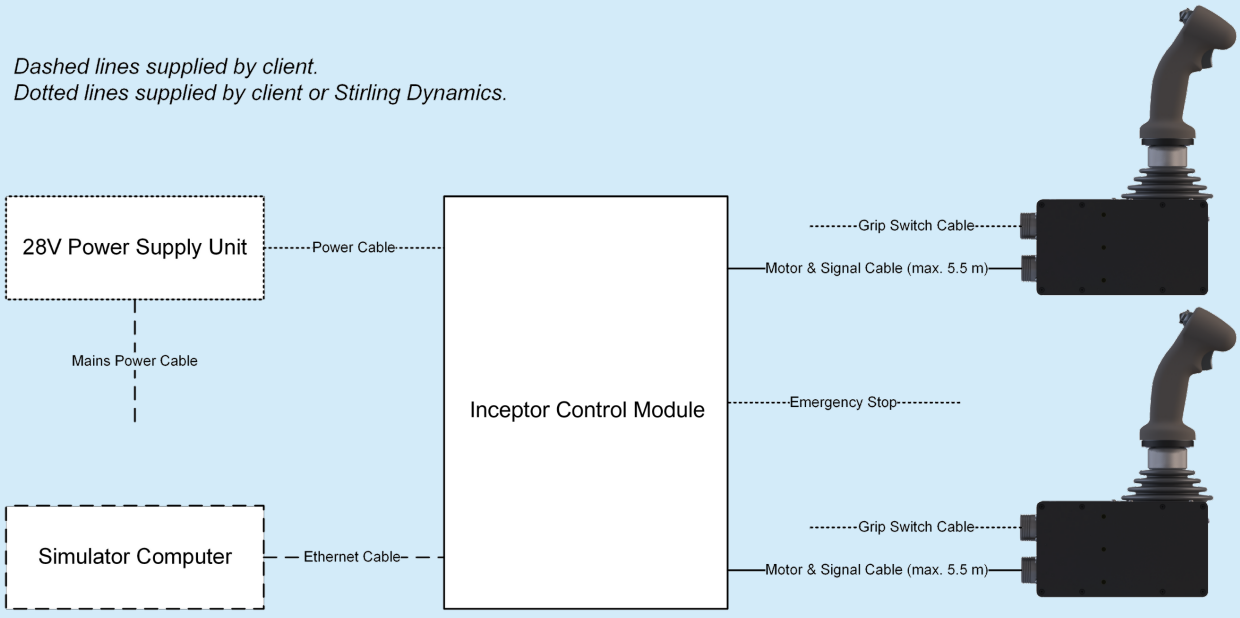
Product Integration



How do I connect and control my new Stirling simulator product?

Stirling Dynamics' active controls interface to your simulator software through a UDP over LAN connection. Multiple systems can be connected via the LAN if they have their own IP address. We can provide a separate GUI (Graphical User Interface) that can seed the devices with specific settings, or you can send message sequences to configure your devices in real time. Stirling Dynamics will also provide you with all the integration documentation you will need to successfully set up your new control product.



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