

# Compact Dual Rotary Throttle



## Built for control

The generic active Dual Rotary Throttle has been made for side or central placement in the cockpit. Used with the Inceptor Control Module (ICM) and 28V supply, the Compact Dual Rotary Throttle provides forces up to 89N at 227 mm FRP. Factory reconfigurable grip. Utilises 2 axes in the ICM with safety board to limit finger damage. Feature-rich, highly reconfigurable and suitable for single or dual (linked) cockpit configurations.

## Features

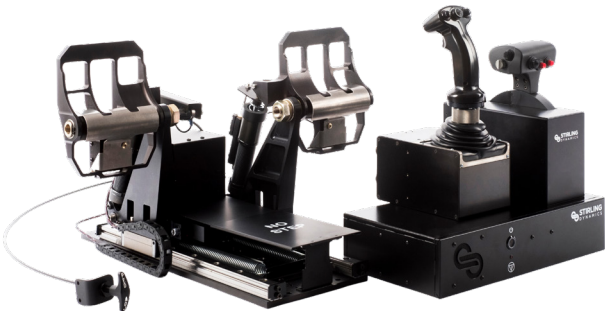
- Programmable feel characteristics
- Real-time control
- Reconfigurable
- Electronically linkable

Description	Specification
Continuous operational force*	89N (20 lbf)
Active travel	50°
Maximum velocity	120°/s
Interconnecting cables	1 x Interconnecting cable (5.5 m max) 1 x Optional grip switch cable
Grip type	Generic with switches
Grip interface	Fixed
Grip switch wiring	Flying leads to customer I/O or via ethernet
Software interface	UDP over 1000Base-T ethernet
Input power supply	ICM
Weight	8 kg (17.6 lb)

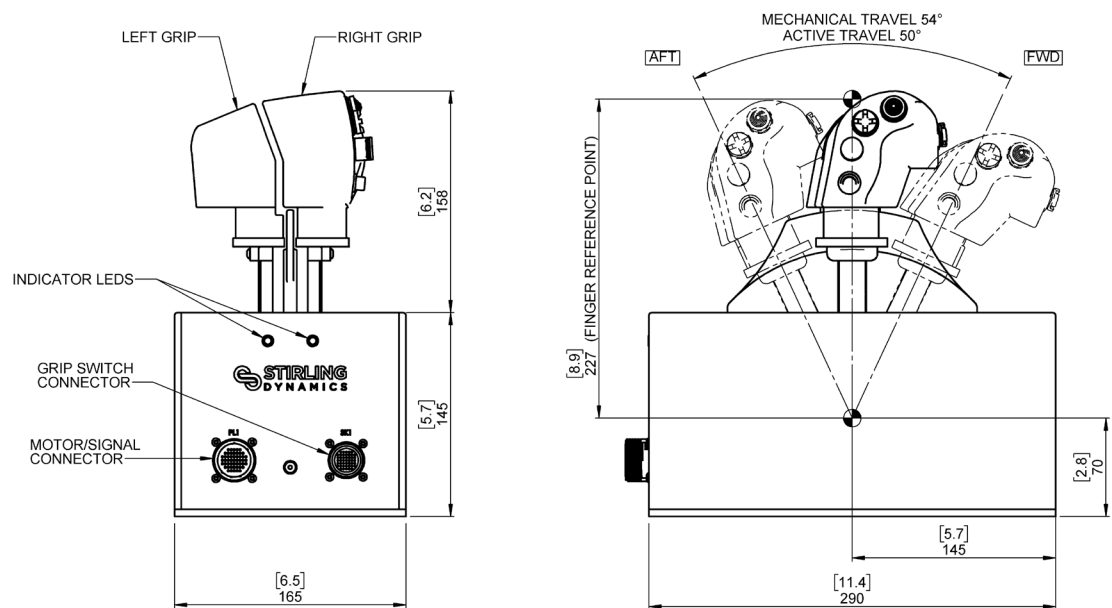
\* At nominal Grip Reference Point of 227 mm (8.9")

## 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 ICMs can be used in combination to provide designers with total flexibility.



# 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.

*Dashed lines supplied by client.*  
*Dotted lines supplied by client or Stirling Dynamics.*

