The i-Drive’s advanced programming software is not required to operate the drive control, but is available to ensure a customized fit and driving experience. Programming the i-Drive is simple and the programming software automatically checks for updates anytime you use the program. By connecting a tablet or PC and using the i-Drive Advanced Programming Software application you can:

- Channel Assignment – traditional plug and play port assignment is available but I-Drive also comes with a software program which allows for remote port assignment via tablet or laptop.
- Double Tap Timing – this unique feature allows you to choose the specific speed of a “mode select” command.
- Mode Selection – This can be configured on any port and allows for client specific placement of reset/mode change.
- Sensor Engagement Setting – only the Stealth I-Drive Head Array provides the ability to independently program each sensor for proximity, sensitivity, and activation control. The result is a smoother, more controlled driving experience for our clients.

By combining proper positioning and client specific configurations we are truly providing end users with an unprecedented level of control and confidence in driving.

Stealth Products has teamed up with Trident Research to develop the new I-Drive Drive Control System. Since its inception in 2001, Trident Research was engineered to solve the military’s toughest weapon testing problems.

By tailoring proven military design and development standards, Trident engineers design and build test instrumentation for the harshest conditions and the most stressing operational requirements. Military weapon testers demand high reliability, availability, and operational utility; because every launched weapon is a reflection on the people who build them, the service that deploys them, and the warfighter whose life depends on its success.

For the engineers and support team at Trident, “Trident Tough” is not a slogan - It’s a promise.

The I-drive is equipped with an on-board CPU, eliminating the need for a secondary controller box.

This CPU introduces a new level of performance in head array technology. Superior processing speed provides the end-user with a much more responsive interface with their mobility option. This increased response time equates to smoother acceleration, more controlled veering, and an overall improvement in driving confidence.

Compatible with

- Q-Logic
- MK6™
- OMNi
- InVagi
Tri-Array

IDH200-1
IDH250-1

Designed with our Combo Series head positioning system, the Tri-Array provides great comfort with great support for a head array and comes standard with three proximity sensors and an egg switch for mode change/reset. The Tri-Array is an extraordinary choice for drive control and head support.

The Tri-Array is designed with less in mind, with its sleek design, and few exposed wires, the Tri-Array is non-obstructive and simple to use.

Stealth Pro

IDH300-1
IDH350-1

The Stealth Pro i-Drive Head Control System is our most adjustable head array. It comes standard with two swing-aways, three proximity sensor pads and an egg switch for mode change/reset. Stealth’s i-Drive is styled to be sleek and unobtrusive, designed so you can see the client, not the hardware.

The Stealth Pro is customizable and can be optimized to the client’s needs. The standard setup includes three proximity pads and a switch, but is expandable to four proximity pads and four switches making the Ultra Pro i-Drive the most adaptive head array on the market.

i-Drive TRAY w/ Gatlin Mount

IDT100-1
Eclipse Tray with 4 Capacitive Proximity Sensors

IDTF100-1
Eclipse Tray with 4 Fiber Optics Proximity Sensors

The Sip ‘n’ Puff option for i-Drive incorporates a wand that allows the use of breath for input control. Designed for those who have weak motor skills, it adds extra functions of “Sipping and Puffing” (inhaling and exhaling).

IDH310-1

i-Drive OPTIONS

CUSTOM

FO660
20” Flex Fiber Optic Mount
cable included

CN600
12” Flex Micro-Lite Switch Mount
switch not included

FO650
Lateral Rod Fiber Optic Mount
cable included

IDH520
Invacare® Power Interface

Required for:

IDH520
Invacare® Power Interface

IDH360-1
Pediatric

Eclipse Tray with 4 Fiber Optics Proximity Sensors

E2330

E2330

E2330
Proximity Switches

Proximity switches are used to detect the presence of an object or body; these allow users with limited strength to activate a switch.

CAPACITIVE PROXIMITY SWITCHES

These types of switches detect anything that is conductive or has a dielectric different from that of air. With the advanced technology of the i-Connect, the detection is smoother than traditional systems.

Easy to install, they fit anywhere you need them, like in trays, pads, cushions, and armrests.

Our proximity switches are equipped with a high-end three-pin locking connector, making them secure and reliable.

FIBER OPTIC SWITCHES

In optical proximity sensors, a distance to a target is determined by directing light from a source through a fiber optic bundle to the target and then measuring the intensity of the light reflected by the target. These can be used in environments where there is noise, light, and even radiation without interruption.

The most noticeable advantage of fiber optic switches is they don’t require much space to be mounted allowing for unique placement due to their size.

Power Sources

IC24PS-QL | IC24PS-MK6i | IC24PS-RN | ICA-BC-12

Battery & Charger

For more information: 1.800.965.9229

ICA-BC-12

ICA-BC-12

ICA-BC-12