CONTROL SOLUTIONS
FOR MOBILITY AND ACCESS

Adaptive Switch Laboratories, Inc.
www.asl-inc.com
Digital Drive Controls were designed for switch drivers. They are interpreted by the wheelchair electronics as on or off and programmed for performance. These are best used for clients that have limited motor control, weakness or fluctuating tone.

**DIGITAL DRIVE CONTROLS**

- **Single Switch Scanner**
  - ASL 101
- **ATOM Electronic Head Array**
  - ASL 105
- **ATOM Electronic Head Array - Proton**
  - ASL 104
- **ATOM Electronic Head Array - Element**
  - ASL 104 Element
- **Electronics Head Array**
  - ASL 108
- **ATOM Four Switch Proximity Array**
  - ASL 106
- **ATOM Two Switch Fiber Optic Array**
  - ASL 107
- **ATOM Four Switch Fiber Optic Array**
  - ASL 106
- **Sip and Puff Head Array**
  - ASL 109

**DIGITAL DRIVE - ACCESSORIES**

- **ATOM Wireless Triple Switch Receiver**
- **ATOM Wireless Double Switch Receiver**
- **ATOM Wireless Mouse Emulator**

**DIGITAL DRIVE RESET SWITCHES**

- **Fiber Optic Sensor**
  - ASL 907
- **Mini Fiber Optic Sensor**
  - ASL 917
- **Non-Adjustable Proximity Sensor**
  - ASL 927
- **Adjustable Proximity Sensor**
  - ASL 937

For all connections to the above products, please see the ELECTRONIC SWITCH Section.

**MOUNTING HARDWARE**

- **Laptop Tray Driving Platform**
- **Eclipse Tray**
- **Nucleus Mount**
- **ATOM Wireless Triple Switch Receiver**
- **ATOM Wireless Mouse Emulator**
- **ATOM Wireless Double Switch Receiver**

For all connections to the above products, please see the MECHANICAL SWITCH Section.

**FIBER OPTIC SENSORS**

- **ATOM Fiber Optic Sensor**
  - ASL 202
- **ATOM Fiber Optic Sensor**
  - ASL 202
- **ATOM Fiber Optic Sensor**
  - ASL 300
- **ATOM Fiber Optic Sensor**
  - ASL 304
- **ATOM Fiber Optic Sensor**
  - ASL 314

For complete product descriptions visit our website: www.asl-inc.com
Proportional drive controls are primarily joystick controls. When using these controls, the further you push the joystick away from neutral, in any direction, the more the speed will increase. There are some proportional controls for clients with weakness and some for compromised motor control like Cerebral Palsy.
Electronic Switches require no pressure and very low movement to activate. They can be proximity, or photo electric, and adjustable in distance for activation. They are beneficial for clients with weakness or compromised motor control.

### ELECTRONIC SWITCHES

- **Fiber Optic Sensor**
  - ASL 202
- **Mini Fiber Optic Sensor**
  - ASL 204
- **Non-Adjustable Proximity Sensor**
  - ASL 204
- **Adjustable Proximity Sensor**
  - ASL 208
- **Adjustable Photo Electric Sensor**
  - ASL 209
- **Adjustable Beam Switch**
  - ASL 215
- **Round Proximity Sensor**
  - ASL 216
- **Electronic Button Sensor**
  - ASL 217
- **Eclipse Tray**
  - ASL 217

### CONNECTIONS

- 3 PIN
- 24 VOLT
- Micro USB

### SWITCH POWER OPTIONS

- **24V AC Power Source Wall Plug**
- **12V Battery and Charger**
- **5V Rechargeable Battery with AC Adaptor**
- **24 Volt Power Source Adaptor**

### MOUNTING HARDWARE

- **Swing Away Switch Mounting Hardware** for Spot Pad
- **Flexible Fiber Optic Switch Arm Rest Mount**
- **Swing Away Switch Mounting Assembly - Left**
- **Swing Away Switch Mounting Assembly - Right**
- **Swing Away Switch Mounting Assembly for Spot Pod**
- **Adjustable Height Driving Platform Joystick Mount**
- **Lap Tray Driving Platform**
- **Fiber Optic Mount**
- **Swing Away Switch Mounting Assembly - Both**

For Complete Product Descriptions Visit Our Website: www.asl-inc.com
**MECHANICAL SWITCHES**

Mechanical Switches require physical movement to activate. They are best used for momentary switch activations. There is a variety of styles from light touch activation to standard pressure. They are best used for reset mode switch, not sustained activations.

- Egg Switch
- Lip Switch
- Wobble Switch - Light Pressure
- Button Switch
- Tape Switch
- Ultra Light Switch
- Pneumatic Switch
- Swing Away Switch - Mounting Assembly - Left
- Swing Away Switch - Mounting Assembly - Right
- Arm Rest Switch Mounting Bracket
- Egg Switch Finger Ring Mount
- Adjustable Flexible Swing Away Mechanism
- Slip and Puff Tube Assembly for Headrest Mount
- Slip and Puff Tube Assembly for Back Can Mount
- Ring Mount for Ultra Light Switch

**MECHANICAL SWITCH MOUNTING HARDWARE**

**COMPUTER ACCESS**

Computer Access products can help a client stay connected with or without powered mobility. It is important to not only help clients move but to make sure they have access to the rest of their world.

- Micro Extremity Control
- Compact Joystick Single
- Compact Joystick Dual
- USB - Left / Right Click
- Mouse Emulator
- Wireless Mouse Emulator
- ATOM Electronic Head Array - Computer Use Only
- Tacla Shield
- Magnetic Clamp for Tacla
- ATOM Wireless Dual Switch Receiver
- ATOM Wireless Triple Switch Receiver
- ATOM Wireless Mouse Emulator
- ECU Interface Cable 4 Mono Plugs
- USB Power Source Adaptor for MK6i
- USB Power Source Adaptor for Curtis
- USB Power Source Adaptor for RNet

For Complete Product Descriptions Visit Our Website: www.asl-inc.com

*See Back Side for the ASL Color Reference Chart of Product Categories*
HARDWARE

ASL Hardware is designed specifically for our switches and drive controls. We keep comfort, adjustability and durability in mind with every design.

SPECIALTY PRODUCTS

Specialty Products are designed to make life a little easier. Through remote attendant controls, USB power supplies or connecting to technology these products help in keeping clients connected in their daily lives.

For Complete Product Descriptions Visit Our Website: www.asl-inc.com
Pediatric clients’ needs are entirely different than adults, not only in size, but in the function of how they use their equipment. Pediatric equipment must start simply and be able to grow with the client’s experience and ability. We strive to make sure they have access to their environment, AAC device, computers and be able to play from all of their systems, such as, Power Wheelchairs, Manual Wheelchairs, and Hi Low Chairs.

Clients who have fluctuating tone can have the most challenging bodies and their systems have to be durable and easy to change as their needs change. We have designed systems that are easy to adjust and manipulate placement with these clients in mind. Below are some of the products we have specifically designed or recommend for clients with the diagnosis of Cerebral Palsy.

For Complete Product Descriptions Visit Our Website: www.asl-inc.com
Amyotrophic Lateral Sclerosis (ALS):
Clients who are diagnosed with ALS have rapidly changing needs. We feel that it is very important for these clients to stay connected with mobility, seating, computer and communication from their wheelchair, or even while in bed. ASL has a program in place to exchange drive controls for clients as long as their needs change. Below are some of the products that we have specifically designed or recommend for clients with the diagnosis of ALS.

SMA / DMD

Spinal Muscular Atrophy (SMA) and Duchenne Muscular Dystrophy (DMD):
Clients who have a diagnosis, such as SMA or DMD, have muscle weakness. With these clients in mind, we have designed several small movement drive controls for energy conservation, so they can participate in their busy lives, school, or even play games. Below are some of the products that we have specifically designed or recommend for clients with the diagnosis of SMA or DMD.

For Complete Product Descriptions Visit Our Website: www.asl-inc.com
ASL designs products specifically for those who cannot access their environment through conventional means. Our products and designs are a direct result of the needs of those we serve. Our goal has always been independence and equal rights for those we work with.