The ASL 101 Single Switch Scanner has a display module that illuminates five LED’s for forward, right, left, reverse and select. The LED’s illuminate and rotate in the corresponding directions. The five LED’s rotate at the scan rate selected on the attendant control module. The client can drive the chair or change the mode of operation by activating the drive switch when the appropriate LED is illuminated. Every time the drive switch is released the scanner will return to the forward position to begin a new rotation. The scanners rotational direction and the fact that it reverts to forward after the last activation, makes it a frequency of use scanner which means it is fast as possible for the client. The Single Switch Scanner is best used for someone that only has one switch site available and other means for driving have been ruled out as an option.

Must Specify Wheelchair Electronics. Activation Switch Not Included.
The ASL 105 Electronic Head Array system utilizes three non adjustable proximity sensors placed inside a headrest for control of a power wheelchair. The sensors are mounted inside the right and left wings, and control movement in those directions. The sensor mounted inside the back pad controls movement in a forward or a forward and reverse direction depending on how the chair is programmed. Veering is accomplished by activating the sensor in the back pad along with either the right or left sensor. This alternative driver control system is typically used for individuals with Cerebral Palsy or with anyone that has difficulty with motor control or coordination. It has been highly successful for these individuals due to the no pressure feature of the proximity switch.

Must Specify Wheelchair Electronics. Requires ASL 151 Interface.

**All Options Require:**

- ASL 151 MK6i Interface
- ASL 151 MK6i Interface Back
- ASL 151 PG Interface
- ASL 151 PG Interface Back

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The ASL 106 Four Switch Proximity Array offers four proximity sensors that allow the driver to operate a power wheelchair. Simply by covering the corresponding sensor the driver can move forward, reverse, left or right. Depending on the position of the 3-4 switch on the front of the ASL 151 Interface the fourth proximity sensor controls reset/mode change (in the 3 position) or reverse (in the 4 position). Drivers can veer the wheelchair by activating the forward or reverse sensor in combination with either the right or left sensor. This system is generally mounted inside the ASL 601 Full Lap Tray Driving Platform or in a ASL 619 Eclipse Tray. These sensors can be positioned anywhere inside the tray and once positioned a quick disconnect feature allows the tray to be removed with sensors intact. However, these sensors do not require the use of a tray and can be positioned at virtually any available switch site depending on the client’s movement ability. Typical users are individuals with Cerebral Palsy, traumatic brain injury or someone with progressive weakness such as SMA, ALS or Muscular Dystrophy. This no pressure system was designed for those who have problems maintaining a switch that requires pressure and contact.

Must Specify Wheelchair Electronics. Mounting Options Not Included. Requires ASL 151 Interface.

Mounting Options:

ASL 601 Full Lap Tray
ASL 619 Eclipse Tray
ASL 151 MK6i Interface
ASL 151 MK6i Interface Back
ASL 151 PG, Curtis, R-Net, Q-Logic Interface
ASL 151 PG Interface Back

ALL OPTIONS REQUIRE:
The ASL 107 Two Switch Fiber Optic Array consists of two fiber optic switches that allow the driver to operate a power wheelchair. When you activate the right switch the chair turns right. When you activate the left switch the chair turns left. When you activate both left and right switches simultaneously the chair moves forward. Depending on the position of the 3-4 switch on the front of the ASL 151 Interface a third switch can control reset/mode change (in the 3 position) or reverse (in the 4 position). This system generally mounts inside an ASL 601 Full Lap Tray Driving Platform, ASL 603 Mini Tray, ASL 619 Eclipse Tray, Flex Tubing or Fiber Optic Bullets. These switches can be positioned anywhere inside the tray and once positioned a quick disconnect feature allows the tray to be removed with sensors intact. However, these sensors do not require the use of a tray and can be positioned at virtually any available switch site depending on the client’s movement ability. Typical users are individuals with extremely limited movement such as MD, MS, ALS and SMA.

Must Specify Wheelchair Electronics. Mounting Options Not Included. Requires ASL 151 Interface Box.
The ASL 108 Four Switch Fiber Optic Array consists of four fiber optic switches that allow the driver to operate a power wheelchair. Simply by covering the corresponding switch the driver can move forward, reverse, left or right. Depending on the position of the 3-4 switch on the front of the ASL 151 Interface the fourth proximity sensor controls reset/mode change (in the 3 position) or reverse (in the 4 position). Drivers can veer the wheelchair by activating the forward or reverse switch in combination with either the right or left switch. This system generally mounts inside an ASL 601 Full Lap Tray Driving Platform, ASL 603 Mini Tray, ASL 619 Eclipse Tray, Flex Tubing or Fiber Optic Bullets. These switches can be positioned anywhere inside the tray and once positioned a quick disconnect feature allows the tray to be removed with sensors intact. The small size of these switches allows the provider to mount all four within a one inch range. However, these sensors do not require the use of a tray and can be positioned at virtually any available switch site depending on the client’s movement ability. Typical users are individuals with extremely limited movement such as MD, MS, ALS and SMA.

Must Specify Wheelchair Electronics. Mounting Options Not Included. Requires ASL 151 Interface.

**Fiber Optic Adjustments:**

- Switches and Illumination Box
- Adjustments and Settings

**All Options Include:**

- ASL 151 MK6i Interface
- ASL 151 MK6i Interface Back
- ASL 151 PG, Curtis, R-Net, Q-Logic Interface
- ASL 151 PG Interface Back
Sip and Puff Head Array

The ASL 109 Sip and Puff Head Array combines simple sip and puff controls with head movements. In this driver control device any puff equals forward and any sip equals reverse. Right and left turns are controlled by sensors located in the lateral wings of the Head Array. Steering or veering can be achieved by rotating the head toward the left or right wing sensors while going forward in the latched mode. This system is designed for those with lateral head movement and weak breath control volume. The driver control is typically used with individuals with a high level spinal cord injury.

Must Specify Wheelchair Electronics. Requires ASL 154 Interface.

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**All Options Require:**

- [ASL 154 MK6i Interface](#)
- [ASL 154 MK6i Interface Back](#)
- [ASL 154 PG, Curtis, R-Net, Q-Logic Interface](#)
- [ASL 154 PG Interface Back](#)

RIM Control

The ASL 112 RIM Control is a fully proportional joystick mounted at the head. Neutral position is not pressing on the headrest, to move the wheelchair in a forward direction you must press back on the headrest and to make it go faster you press further. For left and right you apply pressure to the left or right side of the backpad and the speed will depend on how much the joystick is deflected. Reverse is achieved by programming of the wheelchair electronics. Deflecting a reset switch mounted on the side of the headrest will allow the forward direction to become reverse.

Must Specify Wheelchair Electronics.
### Micro Extremity Control (MEC)

**ASL 130**

The ASL 130 Micro Extremity Control (MEC) is a fully proportional joystick with the unique feature of having a built in mode change function. The MEC only requires eighteen grams of force to deflect the joystick. Pushing directly down from neutral position will reset the chair to the next mode that is turned on. A new feature this joystick has is in changing the slide switch on the interface will allow the client to make the reverse direction be reset. This will benefit anyone that because of weakness does not have another switch site available or has difficulty taking their hand on and off the joystick. In conjunction with the ASL 603 Driving Platform, the MEC is protected and it provides a place for the hand to rest. It is durable, but still only requires light force for activation.

See MEC flyer for mounting options. Must Specify Wheelchair Electronics. Mounting Options Not Included.

### Proportional Mini Joystick (PMJ)

**ASL 131**

The ASL 131 Proportional Mini Joystick (PMJ) is small and can be manipulated with less than ten grams of force. It is so light touch and short throw that this joystick takes very minimal movement to activate in any direction. If a client has any rotation or gross motor function it is not recommended. The PMJ is very fragile and it is recommended to be mounted in a protected place on the chair or with the ASL 603 Driving Platform where it is protected on all sides from being bumped which also provides a place for the hand to rest. This joystick works well for clients that have very minimal movement and force such as clients with SMA, ALS, or MD to keep them driving proportionally for as long as possible.

See PMJ flyer for mounting options. Must Specify Wheelchair Electronics. Mounting Options Not Included.

### Pediatric Compact Joystick

**ASL 132**

The ASL 132 Pediatric Compact Joystick is a fully proportional joystick in a compact package. Since it is only two inches tall from the bottom to the joystick base it is ideal to mount midline in conjunction with a ASL 616 Gatlin Mount or on any pediatric wheelchair. The small size and joystick cap make it easy for the user to operate and manage.

Must Specify Wheelchair Electronics. Mounting Options Not Included. See Flyer For Options.
Compact Joystick – Single

The ASL 133 Compact Joystick Single Switch is a fully proportional joystick. The unique shape and size make it easier to grab and manipulate. It has a textured end for a tactile feel making it easier to hold on to for someone that can not grasp tightly. The top of this joystick is not removable, therefore it will not fall off and need to be replaced. There is a single reset switch in the top of the joystick cap so that pushing directly down from neutral position will reset the chair to the next mode or function that is turned on like seat functions.

Must Specify Wheelchair Electronics. Mounting Options Not Included. See Flyer For Options.

Compact Joystick – Dual

The ASL 134 Compact Joystick Dual Switch is a fully proportional joystick. The unique shape and size make it easier to grab and manipulate. It has a textured end for a tactile feel making it easier to hold on to for someone that can not grasp tightly. The top of the joystick is not removable, therefore it will not fall off and need to be replaced. There are two switches on the top of the joystick that come with two mono jack plugs so you decide what they will activate such as; reset, tilt, on/off, left and right mouse click, or even single or dual switch access to a communication device.

Must Specify Wheelchair Electronics. Mounting Options Not Included. See Flyer For Options.

Mushroom Joystick

The ASL 135 Mushroom Joystick was designed to fit the contour of a hand, so no gripping or pincer grasp is needed. It also uses a light spring, so deflection of the joystick uses minimal force. The flat plate that surrounds the cap of this joystick provides a place for the hand and wrist to rest. The client does not have to hold his arm and shoulder steady to make it function. The plate is made from a slick material so a hand can slide for easier control. By adding a ASL 616 Gatlin Mount, it can also swing away.

Must Specify Wheelchair Electronics. Mounting Options Not Included. See Flyer For Options.
Micro Mini Joystick

The ASL 136 Micro Mini Joystick is an Isometric Joystick. Isometric technology is changing how we activate joysticks. It virtually takes no force to move the joystick. It will allow an individual with very limited mobility to rest a finger on the top of the joystick and with just a slight movement in the direction you want to go the chair will move proportionally. This new technology is very small and compact it can be mounted in a tray or contained in a box 1 inch square and approximately ½ inch tall. This was designed for clients with disabilities such as SMA, MD, ALS or any disability that causes profound weakness.

Must Specify Wheelchair Electronics
Mounting Options Not Included
See Flyer for Mounting Options

Touch Point Joystick

The ASL 137 Touch Point Joystick is a proportional switch control and is totally new technology for the switch user. This technology will allow the client to vary the amount of pressure they apply to the switch to gain proportional control of driving a powered wheelchair. The switches are the diameter of a pencil eraser and can be placed in any configuration even right next to each other. If the user loses the ability to grade the amount of pressure with the flip of a switch they can be made to be non proportional. This technology is designed for someone that has control of light touch but not movement, such as clients with SMA, MD, and ALS.

Must Specify Wheelchair Electronics
Mounting Options Not Included
See Flyer for Mounting Options