

# Switch Selection Guide

## Wired Single-Switches



SWITCH TYPE	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Electronic, Wired	Electronic, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired
ACTIVATION TYPE	Pressure	Pressure	Pressure	Pressure	Pressure	Light Touch Pressure	Proximity Sensor	Proximity Sensor	Pressure	Pressure	Pressure
SINGLE / DUAL MULTI	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single
ACTIVATION SURFACE (in/cm)	2.5 / 6.4	1.4 / 3.5	5 / 12.7	4.5 / 11.5	2.5 / 6.4	1.75 x 0.5 / 4.5 x 1.3	1.9 / 5	3.5 / 2.5	3.25 / 8	1 / 2.5	2 / 5.1
ACTIVATION FORCE (oz/g)	2.5 / 71	3.5 / 100	5.5 / 156	5.3 / 150	5 / 142	0.4 / 10	Proximity Sensor	Proximity Sensor	6 / 180	4.2 / 130	12 / 340
TRAVEL BEFORE ACTIVATION (in/cm)	0.025 / 0.0635	0.025 / 0.0635	0.045 / 0.1143	0.06 / 0.17	0.05 / 0.12	0.25 / 0.7	-	-	0.1 / 0.2	0.014 / 0.035	0.09 / 0.229
FEEDBACK	Auditory Click, Tactile	Auditory Click, Tactile	Auditory Click, Tactile	Auditory Click, Tactile	Auditory Click, Tactile	Auditory Click, Tactile	Auditory Beep, Visual	Auditory Beep, Visual	Auditory Click, Tactile	Auditory Click, Tactile	Auditory Click, Visual
PLUG SIZE (in/mm)	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono
ITEM #	10033400	100SPR, 100SPBL, 100SPG, 100SPY, 100-SPBK	10033500	56100	57100, 57000, 57200, 57500, 57600	58500	10000005	10000025	58750	58080	58070
MOUNTING PLATE	80000015	80000015	80000015	80000015	80000015	66100	Magnetic Mounting	Magnetic Mounting	Included (Velcro® & Pin)	80000015	80000015
COST	\$65	\$65	\$65	\$65	\$65	\$85	\$225	\$225	\$125	\$75	\$85









## Wired Single-Switches



SWITCH TYPE	Mechanical, Wired	Mechanical, Wired	Electronic, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	-
ACTIVATION TYPE	Pressure	Pressure	Infrared	Lever	String	Lever, Push	Grip, Pneumatic	-
SINGLE / DUAL MULTI	Single	Single	Single	Single	Single	Single	Single	-
ACTIVATION SURFACE (in/cm)	.5 x .5 / 1.27 x 1.27	2 / 5.08	Infrared Sensor	0.8 x 2.8 / 2 x 7	String loop	4 / 10.1	3 / 7.6	-
ACTIVATION FORCE (oz/g)	11 / 300	1.8 / 50	-	3.8 / 107	1.5 / 43	4.65 / 132	11 / 300	-
TRAVEL BEFORE ACTIVATION (in/cm)	0.16 / 0.4	0.02 / 0.12	0.5 / 1.3	0.035 / 0.09	0.015 / 0.0381	1.5 / 3.8	0.2 / 0.5	-
FEEDBACK	Auditory Click, Tactile	None	Auditory Beep	Auditory Click, Tactile	Auditory Click, Tactile	Auditory Click, Tactile	None	-
PLUG SIZE (in/mm)	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	1/8 / 3.5 mono	-
ITEM #	10034900	10035000	51300	10034800	100SS	10000024	58650	100DSLAT
MOUNTING PLATE	80000015	80000015	Gooseneck or Eyeglass mounts available	Wear around neck	80000015	80000085	80042000	-
COST	\$105	\$90	No longer available	\$220	No longer available	\$150	\$245	\$215

# Switch Selection Guide

AbleNet offers a broad array of switch technology options to meet the wide-ranging needs of persons with disabilities. Single switches offer simple on/off input or one-click functionality, while multi switches offer multiple distinct switch clicks when used with compatible devices. When choosing a switch, consider where it will be positioned, how it will be accessed, and what type of use it will endure. Wireless switches provide the same great access as our other switches, but without the hassle of the wire. Wireless switches typically work up to 30-feet away from the receiver and device being activated. For example, switches with a low activation force or travel will be more sensitive than those with higher ratings in these same areas.

Wired Multi-Switches		Wireless Switches							
									
	Mini Joystick with Push	Imperium Sip and Puff Switch		Blue2™	Mini Beamer™ Transmitter	Jelly Beamer™ Transmitter	Big Beamer® wireless transmitter	Mini Beamer™ Receiver	Original Receiver
SWITCH TYPE	Mechanical, Wired	Mechanical, Wired	SWITCH TYPE	Mechanical, Bluetooth® wireless	Electronic	Mechanical, Wireless	Mechanical, Wireless	Electronic	Receiver, Wireless
ACTIVATION TYPE	Joystick	Pneumatic	ACTIVATION TYPE	Pressure	Proximity Sensor	Pressure	Pressure	Wireless	Wireless
SINGLE / DUAL MULTI	Multiple	Dual	SINGLE / DUAL MULTI	Dual	Single	Single	Single	Switch, Latch, Timed Seconds, Timed Minutes	Single
ACTIVATION SURFACE (in/cm)	2 / 5.1	–	ACTIVATION SURFACE (in/cm)	2.75 x 2.75 / 7 x 7	2.2 x 2.2 / 5.5 x 5.5	2.5 / 6.4	5 / 12.7	–	–
ACTIVATION FORCE (oz/g)	Joystick: 4.5 / 120 Push: 7.1 / 200	Breath from mouth	ACTIVATION FORCE (oz/g)	7 / 198	Proximity Sensor	2.5 / 71	5.5 / 156	–	–
TRAVEL BEFORE ACTIVATION (in/cm)	Joystick: 0.5 / 1.3 Push: 0.1 / 0.3	–	TRAVEL BEFORE ACTIVATION (in/cm)	0.05 / .127	–	0.015 / 0.0381	0.045 / 0.1143	–	–
FEEDBACK	Tactile	–	FEEDBACK	Auditory Click, Tactile	Auditory Beep, Visual	Auditory Click, Visual, Tactile	Auditory Click, Tactile	–	–
PLUG SIZE (in/mm)	9-Pin D Female	1/8 / 3.5 stereo	PLUG SIZE (in/mm)	Bluetooth® wireless	30 foot range. Requires AbleNet wireless receiver.	30 foot range. Requires AbleNet wireless receiver.	30 foot range. Requires AbleNet wireless receiver.	1/8 / 3.5 mono	1/8 / 3.5 mono
ITEM #	50200	86442	ITEM #	10000017	10000013	10034200	10034300	10000014	10034400
MOUNTING PLATE	80042000	Included	MOUNTING PLATE	80000015	80000015	80000015	80000015	80000015	80000015
COST	\$355	\$395	COST	\$220	\$145	\$110	\$110	No longer available	\$105