

Switch Selection Guide



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Wired Single-Switches



SWITCH TYPE	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired
ACTIVATION TYPE	Pressure	Pressure	Pressure	Pressure	Pressure	Light Touch Pressure	Proximity Sensor	Pressure	Pressure	Pressure
SINGLE/DUAL MULTI	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single
ACTIVATION SURFACE in/cm	5 dia / 12.7 dia	2.5 dia / 6.35 dia	4.5 dia / 11.5 dia	2.5 dia / 6.3 dia	1.375 dia / 3.5 dia	1.75 x 0.5 / 4.5 x 1.3	.78 in ² / 5.04 cm ²	3.25 dia / 8 dia	1 dia / 2.5 dia	2 dia / 5.08 dia
ACTIVATING FORCE oz/g	5.5 / 156	2.5 / 71	5.3 / 150	3.5 / 100	3.5 / 100	0.4 / 10	-	6 / 180	4.2 / 130	12 / 340
TRAVEL BEFORE ACTIVATION in/cm	0.045 / 0.1143	0.025 / 0.0635	0.06 / 0.17	0.05 / 0.12	0.025 / 0.0635	0.25 / 0.7	-	0.1 / 0.2	0.01 / 0.03	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 click, Tactile	Auditory click, Tactile	Auditory beep 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
PART NO	10033500	10033400	56100, 56200, 56500, 56600	57000, 57100, 57200, 57500, 57600	100SPR, 100SPBL, 100SPG, 100SPY, 100-SPBK	58500	10000005	58750	58080	58070
MOUNTING PLATE	100LTMP	100STMP	100SCMP	100SCMP	100SCMP	66100	Magnetic mounting	Included (Velcro® & Pin)	66110	80000015
PRICE	\$59	\$59	\$59	\$59	\$59	\$79	\$189	\$119	\$69	\$79











Wired Single-Switches



SWITCH TYPE	Mechanical, Wired	Electronic, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired
ACTIVATION TYPE	Pressure	Infrared	Pressure (Squeeze)	Pressure	Pressure	String	Lever	Lever	Lever	Lever
SINGLE/DUAL MULTI	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single
ACTIVATION SURFACE in/cm	2 dia / 5.08 dia	Infrared Sensor	L: 3 / 7.62 dia 1.4 / 3.5	.5 x .5 / 1.27 x 1.27	2 dia / 5.08 dia	NA	L: 2.5 / 6.35 with tip 1.5 / 4	4 x 0.25 / 10.16 x 5	0.79 x 2.75 / 2 x 7	3 dia / 7.5 dia
ACTIVATING FORCE oz/g	9 / 255	0 / 0	11 / 300	11 / 300	1.8 / 50	1.5 / 43	6.5 / 180	4 / 110	1.6 - 3.77 / 46 - 107	1.8 / 50
TRAVEL BEFORE ACTIVATION in/cm	0.08 / 0.203	0.5 / 1.3	0.2 / 0.5	0.16 / 0.4	0.02 / 3.5 mono	0.015 / 0.0381	0.5 / 1.3	10° Deflection	0.035 / 0.09	0.5 / 1.3
FEEDBACK	Auditory click, Tactile	Calibrate	None	Auditory click, Tactile	None	Auditory click, Tactile	Tactile	none	Auditory click, Tactile	None
PLUG SIZE in/mm	1/8 / 3.5 mono	Auditory Beep	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
PART NO	58060	1/8 / 3.5 mono plug, Goose-neck or Eyeglass mounts available	58650	10034900	10035000	100SS	58550	58700	10034800	58600
MOUNTING PLATE	100SCMP	51300	59700	66110	100SRMP	100SRMP	59480, 59450, 59400	100SCMP	Included	59480, 59450, 59400
PRICE	\$79	\$699	\$199	\$85	\$85	\$59	\$199	\$129	\$199	\$199

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						
											
SWITCH TYPE	Mechanical, Wired	Mechanical, Wired	Mechanical, Wired	Electronic	Electronic	Electronic	Mechanical, Bluetooth® wireless	Mechanical, Wireless	Mechanical, Wireless	Receiver, Wireless	
ACTIVATION TYPE	Joystick	Pneumatic	Pressure	Pressure	Wireless	Wireless	Bluetooth® wireless	Pressure	Pressure	Wireless	
SINGLE/DUAL MULTI	Multiple	Dual	Dual	Single	Proximity Sensor	-	Pressure	Single	Single	Single	
ACTIVATION SURFACE in/cm	L: 2 / 5.08	NA	2 qty - 3 x 3 / 7.62 x 7.62	.39 x .39 / 1 x 1	4.67 in ² / 30.25 cm ²	-	2.75 x 2.75 / 7 x 7	2.5 dia / 6.35 dia	5 dia / 12.7 dia	N/A	
ACTIVATING FORCE oz/g	joystick: 4.5 / 120 push: 7.1 / 200	3 in w/c (g)	4.2 / 130	Finger contact	-	-	7 / 198	2.5 / 43	5.5 / 156	N/A	
TRAVEL BEFORE ACTIVATION in/cm	joystick: 0.5 / 1.3 push: 0.1 / 0.2	0 / 0	0.1 / 0.2	Finger to path movement	-	-	0.05 / .127	.015 / .0381	.045 / .1143	N/A	
FEEDBACK	Tactile	None	Auditory click, Tactile	-	Auditory click, Tactile	1/8 / 3.5 mono	Tactile	Auditory click, Visual, Tactile	Auditory click, Visual, Tactile	Auditory click, Visual	
PLUG SIZE in/mm	9-Pin D	1/8 / 3.5 stereo	1/8 / 3.5 stereo	USB	Rechargeable battery, Proximity Sensor, 1/8 / 3.5 mono input jack, Requires wireless receiver	SLAT Modes: direct, latch, timed minutes & seconds digital display, rechargeable battery	Rechargeable battery, Programmable	30 foot range. No pointing required. Requires Receiver.	30 foot range. No pointing required. Requires Receiver.	SLAT Modes: Direct, Latch, Timed Minutes, Timed Seconds	
PART NO	50200	S: 51000 L: 51010	551050	SM: 700300900 MED: 700301000 LG: 700301100	10000013	10000014	10000017	10034200	10034300	10034400 / 10034500	
MOUNTING PLATE	59700	66140, 59500	100LRMP	-	80000015	80000015	80000015	100SRMP	100LTMP	80040100	
PRICE	\$349	\$379	\$159	\$259	\$115	\$139	\$179	\$99	\$99	Original: \$85 SLAT: \$129	