

Effect ID#	Waveform Name	Effect ID#	Waveform Name	Effect ID#	Waveform Name
1	Strong click – 100%	42	Long double sharp click medium 2 – 80%	83	Transition ramp up long smooth 2 – 0 to 100%
2	Strong click – 60%	43	Long double sharp click medium 3 – 60%	84	Transition ramp up medium smooth 1 – 0 to 100%
3	Strong click – 30%	44	Long double sharp tick 1 – 100%	85	Transition ramp up medium smooth 2 – 0 to 100%
4	Sharp click – 100%	45	Long double sharp tick 2 – 80%	86	Transition ramp up short smooth 1 – 0 to 100%
5	Sharp click – 60%	46	Long double sharp tick 3 – 60%	87	Transition ramp up short smooth 2 – 0 to 100%
6	Sharp click – 30%	47	Buzz 1 – 100%	88	Transition ramp up long sharp 1 – 0 to 100%
7	Soft bump – 100%	48	Buzz 2 – 80%	89	Transition ramp up long sharp 2 – 0 to 100%
8	Soft bump – 60%	49	Buzz 3 – 60%	90	Transition ramp up medium sharp 1 – 0 to 100%
9	Soft bump – 30%	50	Buzz 4 – 40%	91	Transition ramp up medium sharp 2 – 0 to 100%
10	Double click – 100%	51	Buzz 5 – 20%	92	Transition ramp up short sharp 1 – 0 to 100%
11	Double click – 60%	52	Pulsing strong 1 – 100%	93	Transition ramp up short sharp 2 – 0 to 100%
12	Triple click – 100%	53	Pulsing strong 2 – 60%	94	Transition ramp down long smooth 1 – 50 to 0%
13	Soft fuzz – 60%	54	Pulsing medium 1 – 100%	95	Transition ramp down long smooth 2 – 50 to 0%
14	Strong buzz – 100%	55	Pulsing medium 2 – 60%	96	Transition ramp down medium smooth 1 – 50 to 0%
15	750-ms alert 100%	56	Pulsing sharp 1 – 100%	97	Transition ramp down medium smooth 2 – 50 to 0%
16	1000-ms alert 100%	57	Pulsing sharp 2 – 60%	98	Transition ramp down short smooth 1 – 50 to 0%
17	Strong click 1 – 100%	58	Transition click 1 – 100%	99	Transition ramp down short smooth 2 – 50 to 0%
18	Strong click 2 – 80%	59	Transition click 2 – 80%	100	Transition ramp down long sharp 1 – 50 to 0%
19	Strong click 3 – 60%	60	Transition click 3 – 60%	101	Transition ramp down long sharp 2 – 50 to 0%
20	Strong click 4 – 30%	61	Transition click 4 – 40%	102	Transition ramp down medium sharp 1 – 50 to 0%
21	Medium click 1 – 100%	62	Transition click 5 – 20%	103	Transition ramp down medium sharp 2 – 50 to 0%
22	Medium click 2 – 80%	63	Transition click 6 – 10%	104	Transition ramp down short sharp 1 – 50 to 0%
23	Medium click 3 – 60%	64	Transition hum 1 – 100%	105	Transition ramp down short sharp 2 – 50 to 0%
24	Sharp tick 1 – 100%	65	Transition hum 2 – 80%	106	Transition ramp up long smooth 1 – 0 to 50%
25	Sharp tick 2 – 80%	66	Transition hum 3 – 60%	107	Transition ramp up long smooth 2 – 0 to 50%
26	Sharp tick 3 – 60%	67	Transition hum 4 – 40%	108	Transition ramp up medium smooth 1 – 0 to 50%
27	Short double click strong 1 – 100%	68	Transition hum 5 – 20%	109	Transition ramp up medium smooth 2 – 0 to 50%
28	Short double click strong 2 – 80%	69	Transition hum 6 – 10%	110	Transition ramp up short smooth 1 – 0 to 50%
29	Short double click strong 3 – 60%	70	Transition ramp down long smooth 1 – 100 to 0%	111	Transition ramp up short smooth 2 – 0 to 50%
30	Short double click strong 4 – 30%	71	Transition ramp down long smooth 2 – 100 to 0%	112	Transition ramp up long sharp 1 – 0 to 50%
31	Short double click medium 1 – 100%	72	Transition ramp down medium smooth 1 – 100 to 0%	113	Transition ramp up long sharp 2 – 0 to 50%
32	Short double click medium 2 – 80%	73	Transition ramp down medium smooth 2 – 100 to 0%	114	Transition ramp up medium sharp 1 – 0 to 50%
33	Short double click medium 3 – 60%	74	Transition ramp down short smooth 1 – 100 to 0%	115	Transition ramp up medium sharp 2 – 0 to 50%
34	Short double sharp tick 1 – 100%	75	Transition ramp down short smooth 2 – 100 to 0%	116	Transition ramp up short sharp 1 – 0 to 50%
35	Short double sharp tick 2 – 80%	76	Transition ramp down long sharp 1 – 100 to 0%	117	Transition ramp up short sharp 2 – 0 to 50%
36	Short double sharp tick 3 – 60%	77	Transition ramp down long sharp 2 – 100 to 0%	118	Long buzz for programmatic stopping – 100%
37	Long double sharp click strong 1 – 100%	78	Transition ramp down medium sharp 1 – 100 to 0%	119	Smooth hum 1 (No kick or brake pulse) – 50%
38	Long double sharp click strong 2 – 80%	79	Transition ramp down medium sharp 2 – 100 to 0%	120	Smooth hum 2 (No kick or brake pulse) – 40%
39	Long double sharp click strong 3 – 60%	80	Transition ramp down short sharp 1 – 100 to 0%	121	Smooth hum 3 (No kick or brake pulse) – 30%
40	Long double sharp click strong 4 – 30%	81	Transition ramp down short sharp 2 – 100 to 0%	122	Smooth hum 4 (No kick or brake pulse) – 20%
41	Long double sharp click medium 1 – 100%	82	Transition ramp up long smooth 1 – 0 to 100%	123	Smooth hum 5 (No kick or brake pulse) – 10%