

Mapping worksheet for HSH instruments. Uses our T4-Switch, P1 Switch, M1 Switch

Use this mapping worksheet for HSH instruments (requires having two 4-wire humbucker pickups)
 Lets you get 272 Pickup Tones. (see our website Document Library Document #O for wiring information)

Switch Switches: SW1, SW2, SW3, SW4: D=Down, U=Up, blank=Off

Legend Switches: S5B, S5N: U=Up, blank=Down

Switch: M1: D=Down, U=Up, blank=Off

Switch: P1: O=Out, blank=In (P1 is switch mounted on Tone push-pull pot)

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Transfer your "favorite" three pickup tone switch positions to Fav-1, Fav-2 and Fav-3.

	SW4	S5N	SW3	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
Fav-1									
Fav-2									
Fav-3									
1								D	
2						D			
3						D		D	
4						U		D	
5						D	U	D	
6						U	U	D	
7					D				
8			D						
9	D								
10	D		D						
11	U		D						
12	D	U	D						
13	U	U	D						
14					D			D	
15			D					D	
16	D							D	
17			D		D			D	
18	D				D			D	
19	D		D					D	
20	D		D		D			D	
21	D		U		D			D	
22	D	U	D		D			D	
23	D	U	U		D			D	
24					U			D	
25			U					D	
26	U							D	
27			U		U			D	
28	U				U			D	
29	U		U					D	
30	U		U		U			D	
31	U		D		U			D	
32	D	U	D		U			D	
33	U	U	D		U			D	
34	D	U	D		D			U	
35	D	U	U		D			U	
36	U		D		U			U	
37	D	U	D		U			U	
38	U	U	D		U			U	
39					D	D			
40			D			D			
41	D					D			
42			D		D	D			
43	D				D	D			
44	D		D			D			
45	D		D		D	D			
46	D		U		D	D			

	SW4	S5N	SW3	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
47	D	U	D		D	D			
48	D	U	U		D	D			
49					U	D			
50			U			D			
51	U					D			
52			U		U	D			
53	U				U	D			
54	U		U			D			
55	U		U		U	D			
56	U		D		U	D			
57	D	U	D		U	D			
58	U	U	D		U	D			
59	D	U	D		D	U			
60	D	U	U		D	U			
61					U	U			
62	U		D		U	U			
63	D	U	D		U	U			
64	U	U	D		U	U			
65					D	D		D	
66			D			D		D	
67	D					D		D	
68			D		D	D		D	
69	D				D	D		D	
70	D		D			D		D	
71	D		D		D	D		D	
72	D		U		D	D		D	
73	D	U	D		D	D		D	
74	D	U	U		D	D		D	
75					U	D		D	
76			U			D		D	
77	U					D		D	
78			U		U	D		D	
79	U				U	D		D	
80	U		U			D		D	
81	U		U		U	D		D	
82	U		D		U	D		D	
83	D	U	D		U	D		D	
84	U	U	D		U	D		D	
85					D	U		D	
86			D			U		D	
87	D					U		D	
88			D		D	U		D	
89	D				D	U		D	
90	D		D			U		D	
91	D		D		D	U		D	
92	D		U		D	U		D	
93	D	U	D		D	U		D	
94	D	U	U		D	U		D	
95					U	U		D	
96			U			U		D	
97	U					U		D	
98			U		U	U		D	
99	U				U	U		D	
100	U		U			U		D	
101	U		U		U	U		D	
102	U		D		U	U		D	
103	D	U	D		U	U		D	
104	U	U	D		U	U		D	
105					D	D	U	D	
106			D			D	U	D	

	SW4	S5N	SW3	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
107	D					D	U	D	
108			D		D	D	U	D	
109	D				D	D	U	D	
110	D		D			D	U	D	
111	D		D		D	D	U	D	
112	D		U		D	D	U	D	
113	D	U	D		D	D	U	D	
114	D	U	U		D	D	U	D	
115					U	D	U	D	
116			U			D	U	D	
117	U					D	U	D	
118			U		U	D	U	D	
119	U				U	D	U	D	
120	U		U			D	U	D	
121	U		U		U	D	U	D	
122	U		D		U	D	U	D	
123	D	U	D		U	D	U	D	
124	U	U	D		U	D	U	D	
125					D	U	U	D	
126			D			U	U	D	
127	D					U	U	D	
128			D		D	U	U	D	
129	D				D	U	U	D	
130	D		D			U	U	D	
131	D		D		D	U	U	D	
132	D		U		D	U	U	D	
133	D	U	D		D	U	U	D	
134	D	U	U		D	U	U	D	
135					U	U	U	D	
136			U			U	U	D	
137	U					U	U	D	
138			U		U	U	U	D	
139	U				U	U	U	D	
140	U		U			U	U	D	
141	U		U		U	U	U	D	
142	U		D		U	U	U	D	
143	D	U	D		U	U	U	D	
144	U	U	D		U	U	U	U	
145			D		D				
146			D		U				
147			D		U			D	
148			D		U	D			
149			D		U	D		D	
150			D		U	U		D	
151			D		U	D	U	D	
152			D		U	U	U	D	
153			U		D				
154			U		D			D	
155			U		D	D			
156			U		D	D		D	
157			U		D	U		D	
158			U		D	D	U	D	
159			U		D	U	U	D	
160			U		U				
161	D				D				
162	D				U				
163	D				U			D	
164	D				U	D			
165	D				U	D		D	
166	D				U	U		D	

	SW4	S5N	SW3	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
167	D				U	D	U	D	
168	D				U	U	U	D	
169	U				D				
170	U				D			D	
171	U				D	D			
172	U				D	D		D	
173	U				D	U		D	
174	U				D	D	U	D	
175	U				D	U	U	D	
176	U				U				
177	D		D		D				
178	D		D		U				
179	D		D		U			D	
180	D		D		U	D			
181	D		D		U	D		D	
182	D		D		U	U		D	
183	D		D		U	D	U	D	
184	D		D		U	U	U	D	
185	U		D					D	
186	U		D			D			
187	U		D		D				
188	U		D			D		D	
189	U		D		D			D	
190	U		D		D	D			
191	U		D		D	D		D	
192	U		D		D	U		D	
193	U		D		D	D	U	D	
194	U		D		D	U	U	D	
195	U		D		U				
196	D	U	D					D	
197	D	U	D			D			
198	D	U	D		D				
199	D	U	D			D		D	
200	D	U	D		U				
201	U	U	D					D	
202	U	U	D			D			
203	U	U	D		D				
204	U	U	D			D		D	
205	U	U	D		D			D	
206	U	U	D		D	D			
207	U	U	D		D	D		D	
208	U	U	D		D	U		D	
209	U	U	D		D	D	U	D	
210	U	U	D		D	U	U	D	
211	U	U	D		U				
212	U	U	D		U	U	U	D	

These combinations are P1 spanning Bridge (north) and Neck (south) coils.

213			D	O		D			
214			D	O		D		D	
215			D	O		D		U	
216			D	O		D	U	D	
217			D	O		D	U	U	
218	D		D	O		D			
219	U		D	O		D			
220	D	U	D	O		D			
221	U	U	D	O		D			
222	D		D	O		D		D	
223	D		D	O		D		U	
224	D		D	O		D	U	D	

	SW4	S5N	SW3	P1	M1	SW2	S5B	SW1	What the Pickup tone sounds like to you
225	D		D	O		D	U	U	
226	U		D	O		D		D	
227	D	U	D	O		D		D	
228	U	U	D	O		D		D	
229	D	U	D	O		D	U	D	Q
230	D	U	D	O		D	U	U	Q
231	U	U	D	O		D	U	D	Q
232	U	U	D	O		D	U	U	Q
233			D	O	D	D			
234			D	O	D	D		D	
235			D	O	D	D		U	
236			D	O	D	D	U	D	
237			D	O	D	D	U	U	
238	D		D	O	D	D			
239	U		D	O	D	D			
240	D	U	D	O	D	D			
241	U	U	D	O	D	D			
242	D		D	O	D	D		D	
243	D		D	O	D	D		U	
244	D		D	O	D	D	U	D	
245	D		D	O	D	D	U	U	
246	U		D	O	D	D		D	
247	D	U	D	O	D	D		D	
248	U	U	D	O	D	D		D	
249	D	U	D	O	D	D	U	D	Q+
250	D	U	D	O	D	D	U	U	Q+
251	U	U	D	O	D	D	U	D	Q+
252	U	U	D	O	D	D	U	U	Q+
253			D	O	U	D			
254			D	O	U	D		D	
255			D	O	U	D		U	
256			D	O	U	D	U	D	
257			D	O	U	D	U	U	
258	D		D	O	U	D			
259	U		D	O	U	D			
260	D	U	D	O	U	D			
261	U	U	D	O	U	D			
262	D		D	O	U	D		D	
263	D		D	O	U	D		U	
264	D		D	O	U	D	U	D	
265	D		D	O	U	D	U	U	
266	U		D	O	U	D		D	
267	D	U	D	O	U	D		D	
268	U	U	D	O	U	D		D	
269	D	U	D	O	U	D	U	D	Q+
270	D	U	D	O	U	D	U	U	Q+
271	U	U	D	O	U	D	U	D	Q+
272	U	U	D	O	U	D	U	U	Q+

Q = The above combinations produce **QuadraBucker™** pickup tones (all 4 coils in series)

Q+ = The above produce **QuadraBucker™** pickup tones (all 4 coils in series) with added single-coil in parallel