

# Songbook+ To Tyros Control Chart

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	MSB	LSB	PG	Reg		Notes and instructions
1	0	0	0	= A	Page 1	You can select registrations on a Tyros keyboard externally. Here's how.  This scheme is great for you Tyros folks that like to have an entire block of 8 buttons for one song too.
2	0	1	0	= B		
3	0	2	0	= C		
4	0	3	0	= D		
5	0	4	0	= E		
6	0	5	0	= F		
7	0	6	0	= G		
8	0	7	0	= H		Open your page of Reg blocks in Registrations on the Tyros keyboard Send these PG codes from a midi device that can send these 3 line commands to select the song/regs on the Tyros screen. [Such as the iPad lyrics program Songbook+ from Baum Software]
9	0	8	0	= I		
10	0	9	0	= J		
11	0	10	0	= A	Page 2	
12	0	11	0	= B		
13	0	12	0	= C		Example 1: MSB=0, LSB=6, PG=0 will select Page 1 song/reg G (Note: the MSB will always be 0)
14	0	13	0	= D		
15	0	14	0	= E		Example 2:MSB=0, LSB=15, PG=0 will select Page 2 song/reg F and so on.
16	0	15	0	= F		
17	0	16	0	= G		This page shows an example of 60 song/regs. For more song/regs simply start adding numbers to the LSB column below. (Just follow the pattern on down)
18	0	17	0	= H		
19	0	18	0	= I		
20	0	19	0	= J		
21	0	20	0	= A	Page 3	
22	0	21	0	= B		
23	0	22	0	= C		
24	0	23	0	= D		
25	0	24	0	= E		
26	0	25	0	= F		
27	0	26	0	= G		
28	0	27	0	= H		<b>MIDI settings for the Tyros keyboard:</b> This assumes you are using ch1. Changes are made only to the RECEIVE section. In the MIDI FUNCTION window/RECEIVE, using the PART curser at the bottom, set the 1 <sup>st</sup> line at the top, <u>MIDI A/USB 1 Ch1 to be KEYBOARD.</u> <u>Or</u> , optionally, if you'd rather use midi input B... ...set your midi function to receive <u>MIDI B/USB 2 Ch1 to KEYBOARD.</u> And see that the CC and PG have check marks (by default they do) on the line you chose. Save by renaming the MIDI Configuration. Give it a unique name like Ext Midi or SB+ Control etc...
29	0	28	0	= I		
30	0	29	0	= J		
31	0	30	0	= A	Page 4	
32	0	31	0	= B		
33	0	32	0	= C		
34	0	33	0	= D		
35	0	34	0	= E		
36	0	35	0	= F		
37	0	36	0	= G		
38	0	37	0	= H		
39	0	38	0	= I		
40	0	39	0	= J		
41	0	40	0	= A	Page 5	With page 1 of your registrations <u>showing</u> on the Tyros screen, apply your control to the MIDI A input (or midi B optional). Your predicted pages and song/regs will appear and become active when you've set your (SB+) lyrics pages to send these PG midi codes.  You can have as many pages as the LSB's will allow. (12.8 pages, 128 blocks) Most gigs don't go over 128 songs so this might be great for setlists. And...you can select individual buttons too for even more choices with the PG's.
42	0	41	0	= B		
43	0	42	0	= C		
44	0	43	0	= D		
45	0	44	0	= E		
46	0	45	0	= F		
47	0	46	0	= G		
48	0	47	0	= H		
49	0	48	0	= I		
50	0	49	0	= J		
51	0	50	0	= A	Page 6	<b>Important:</b> If using Songbook+, be sure that you have a powered interface i.e. <b>iRig etc</b> (not the Apple Camera Adapter...that's not powered)  Any questions:macmike100@yahoo.com Good links: <a href="http://baum-software.ch/english.html">http://baum-software.ch/english.html</a> <a href="http://groups.yahoo.com/search?query=SongbookPlus">http://groups.yahoo.com/search?query=SongbookPlus</a> <a href="http://www.youtube.com/watch?v=cdHDSBmhCAc&amp;feature=youtu.be">http://www.youtube.com/watch?v=cdHDSBmhCAc&amp;feature=youtu.be</a>
52	0	51	0	= B		
53	0	52	0	= C		
54	0	53	0	= D		
55	0	54	0	= E		
56	0	55	0	= F		
57	0	56	0	= G		
58	0	57	0	= H		
59	0	58	0	= I		
60	0	59	0	= J		

**Note:** To have a different setlist of registrations, or to add more selections than 128 blocks, just make a new folder of regs on the Tyros. With this new folder showing, you can re-use these codes on the song/regs in the new folder.

By Michael Shaw