

Configuring the key assigner is accomplished by holding a key while the Trident is powering on. Only one key can be held at a time. Configuration data is stored in EEPROM inside the PIC chip, and is non-volatile. Here are the available options:

For the purposes of this document, I will number the Trident keys from 1 to 61. Key 1 is the low C and 61 is the upper C.

Key #	Key	Function
1	C	Select MIDI channel 1 (default)
2	C#	Select MIDI channel 2
3	D	Select MIDI channel 3
4	D#	Select MIDI channel 4
5	E	Select MIDI channel 5
6	F	Select MIDI channel 6
7	F#	Select MIDI channel 7
8	G	Select MIDI channel 8
9	G#	Select MIDI channel 9
10	A	Select MIDI channel 10
11	Bflat	Select MIDI channel 11
12	B	Select MIDI channel 12
13	C	Select MIDI channel 13
14	C#	Select MIDI channel 14
15	D	Select MIDI channel 15
16	D#	Select MIDI channel 16
17	E	Select MIDI OMNI mode
18	F	Limit DAC values to 0-60 (default)
19	F#	Allow DAC values from 0-63
20	G	Don't play notes beyond 0-DAC range (default)
21	G#	Wrap notes beyond range to next octave
52	D#	Set bend range to +/- 12 semitones
53	E	Set bend range to +/- 7 semitones
54	F	Set bend range to +/- 4 semitones (default)
55	F#	Set bend range to +/- 2 semitones
56	G	Map MIDI note #0 to low C key
57	G#	Map MIDI note #12 to low C key
58	A	Map MIDI note #24 to low C key
59	Bflat	Map MIDI note #36 to low C key (default)
60	B	Map MIDI note #48 to low C key
61	C	Map MIDI note #60 to low C key