

Twitterphonicon Letter To Pitch Mapping

In the Twitterphonicon, letters are mapped to notes in one of two ways:

1. By Key

First of all, all letters are converted to uppercase, then mapped to the notes in a particular key (across 4 octaves) like so:

1 st octave	2 nd octave	3 rd octave	4 th octave
A – A	H – A	O – A	V – A
B – B	I – B	P – B	W – B
C – C	J – C	Q – C	X – C
D – D	K – D	R – D	Y – D
E – E	L – E	S – E	Z – E
F – F	M – F	T – F	
G – G	N – G	U – G	

The example above is obviously in C major, but a similar approach would be used for other keys. By default, the starting octave is the 3rd in the midi pitch set, by this can be varied to suit the instrument used.

2. By 12 tone scale

In this case, the letters are mapped to all the semitones in a standard scale in the following way:

1 st octave	2 nd octave	3 rd octave
A – A	L – A	W – A
B – B	M – B	X – B
C – C	N – C	Y – C
D – D	O – D	Z – D
E – E	P – E	
F – F	Q – F	
G – G	R – G	
H – A#/Bb	S – A#Bb	
I – C#/Db	T – C#/Db	
J – F#/Gb	U – F#/Gb	
K – G#/Ab	V – G#/Ab	

In addition to this, for both methods, any numbers are mapped to consecutive semitones in the first octave like so:

0 – A	3 – C	6 – D#/Eb	9 – F#/Gb
1 – A#/Bb	4 – C#/Db	7 – E	
2 – B	5 – D	8 – F	