



Examples of the alphabet or numbers arranged in different ways.



The keyboard shows modulation controls (2, 3, 4, 5, 6, 7, 8) and keys W, E, T, Y, U, O, P. The mapping grid below shows the D Dorian scale (D-E-F-G-A-B-C) mapped to keys D through C.

	A	B	C	D	E	F	G	H		
	I	J	K	L	M	N	O	P		
	Q	R	S	T	U	V	W	X		
	V	W	X	Y	Z					

An 8-note scale is mapped from D to D on the keyboard (known as the D dorian scale or mode).




The keyboard shows modulation controls (2, 3, 4, 5, 6, 7, 8) and keys W, E, T, Y, U, O, P. The mapping grid below shows the alphabet (A-Z) mapped to keys A through K.

A	B	C	D	E	F	G	H	I	J	K
L	M	N	O	P	Q	R	S	T	U	V
W	X	Y	Z							

All 11 keys of the GarageBand keyboard are mapped to the alphabet.

MUSICAL CRYPTOGRAPHY



The keyboard shows modulation controls (2, 3, 4, 5, 6, 7, 8) and keys W, E, T, Y, U, O, P. The mapping grid below shows popular letters (S, P, V, A, B, F, K, 1, 5, 0, M, Q, W, E, C, G, L, 2, 6, R, U, X, I, D, H, N, 3, 7, T, Z, Y, O, J, 4, 8) mapped to keys A through K.

9		S	P	V	A	B	F	K	1	5
0		M	Q	W	E	C	G	L	2	6
		R	U	X	I	D	H	N	3	7
		T	Z	Y	O		J		4	8

Popular letters of the alphabet (vowels, and other commonly used letters) are mapped to A and E. Numbers are also mapped.

Turn over to see how these grids can then be used to encode your message.