# On the Subject of Guitar Chords

You hum it, I'll play it.

- The module consists of a guitar fretboard, three level displays and a play button.
- To defuse the module, you must enter the given chord with the correct capo position at each of the three stages.
- Entering a wrong or invalid chord will reset the module and cause a strike.

- Use the chord chart to determine the position of each chord.
- Press a fret to select it. Press it again to deselect it.
- At each stage, the capo positions are determined by the tables below. Use the first condition that applies.
- The capo position relocates the chord on the fretboard.
- For example, capo 3 will move any fingers on the first fret to the fourth fret. Capo 8 will move any fingers on the third fret to the eleventh fret etc.
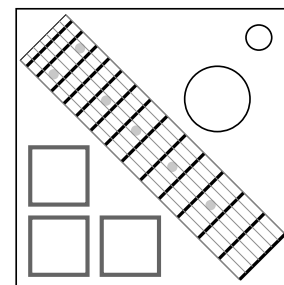
Capo Position

Level 1		Level 2		Level 3	
Condition	Capo Position	Condition	Capo Position	Condition	Capo Position
A lit BOB indicator is present	9	A PS/2 or serial port are present	5	No batteries are present	3
A parallel & RJ-45 port are present	7	The serial number contains a vowel	0	The sum of the serial number digits is less than 10	5
Fewer than three batteries are present	5	More than five batteries are present	9	An FRQ indicator is present	7
The last digit of the serial number is odd	3	An unlit SIG indicator is present	7	An RCA or a DVI-D port are present	0
Otherwise	0	Otherwise	3	Otherwise	9

Capo 5 on the chord C will make it
−,5,−,6,7,7

Chord Chart

Similarly, Capo 9 on Bm would make it
10,11,12,12,10,−

The chords are displayed below in the same orientation as the guitar on the module (i.e. the head, with the tuning pegs, is on the right hand side).

Chord Name	Chord Position	Chord Name	Chord Position	Chord Name	Chord Position
Ab		C7		Em	
Ab7		Cm7		E7	
Abm7		C#		Em7	
A		C#m		F7	
Am		C#7		Fm7	
A7		C#m7		F#	
Am7		D		F#m	
Bb		Dm		F#7	
Bbm		D7		F#m7	
Bbm7		Dm7		G	
B		Eb		Gm	
Bm		Ebm		G7	
B7		Eb7		Gm7	
Bm7		Ebm7			
C		E			

LEGEND

Red numbers represent the Fret number to add to the Capo

Blue numbers represent the string order to key in

If there is no • (dot) on the string, key in a - (minus)