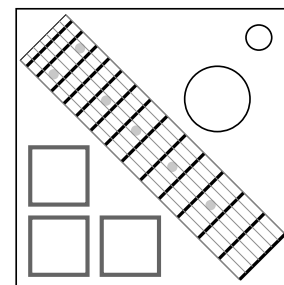# On the Subject of Guitar Chords

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

Chord Chart

Chords are shown as though the head of the guitar (tuning pegs) were at the top.
The guitar on the module has the head in the bottom right corner.

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

| C | | Ebm7 | | Gm7 | |