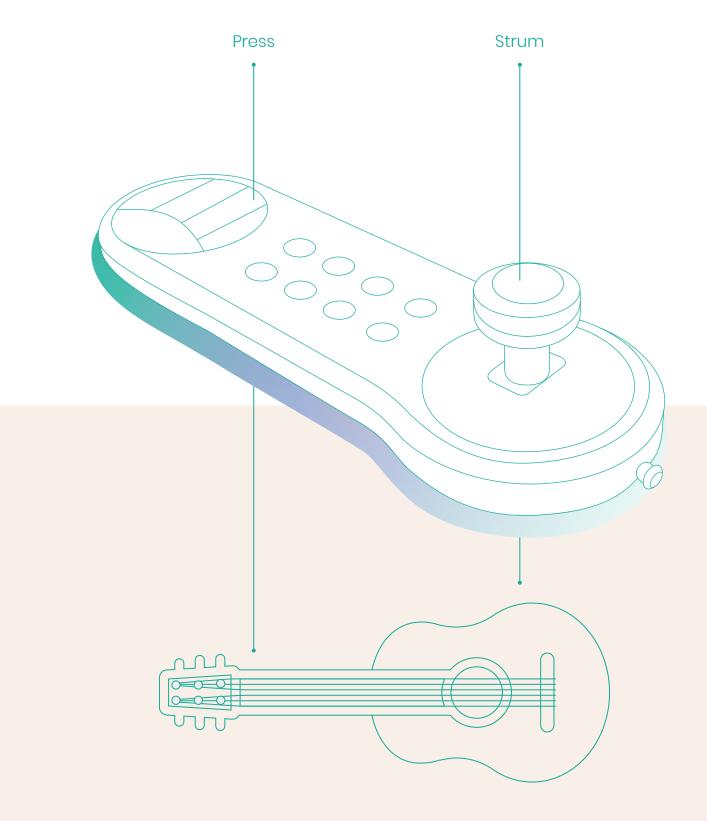


Arcana Strum

-<u>___ الا</u>-Theory and Songs AS-0.6



The Arcana Strum - An Inclusive Musical Instrument

The Arcana Strum is the first musical instrument of its kind in the world that is designed to allow people with any type of capability to play and express themselves through music.

The development of this instrument was inspired by the structure of a standard guitar. That, with the help of unique mechanisms, allows users to play in a way that mimics strumming motions, while pressing the chords and notes. Due to the simplicity of its operation and its musical method which is equivalent to that of a guitar, learning how to use the Acana Strum is easy and familiar to music teachers, and does not require any special training.

With the Arcana Strum, people of any age and ability can learn in an engaging and equal manner, play in groups and see themselves as active creators, performers and musicians.

Theory and Songs

The Three Methods	
Musical uses through different methods	Pg 4
Harmony	
Skill 1 + Skill 2	
Harmonic Guitar - triad chords	Pg 6
Septchords - seventh chords	Pg 7
Arpeggio - broken chords	Pg 8
Continuous Bass - chords with a constant bass and tension notes Skill 2	Pg 9
Bass Line - bass progressions and suspended chords	Pg 12
Melody	
Skill 1	
Diatonic Scale - C Major scale and A Minor scale	Pg 14
Major Pentatonic Scale	Pg 15
Blues Scale	Pg 16
Hijaz Scale	Pg 17
Minor Pentatonic Scale	Pg 18
Skill 2	
Chromatic Guitar E - "open" position Chromatic Guitar A - "minor" position	Pg 22
Chromatic Guitar C - "major" position	Pg 23 Pg 24
	. 9
3 Keys Harmony	
Harmonic Guitar - triad chords	Pg 27
Septa Chords - seventh chords	Pg 28
Arpeggio - broken chords	Pg 29
Fifth Major – E Major chord	Pg 30
Melody	
Diatonic Scale - C Major scale and A Minor scale	Pg 32
Major Pentatonic Scale	Pg 33
Blues Scale	Pg 34
Hijaz Scale	Pg 35
Minor Pentatonic Scale	Pg 36

Rhythm Notation

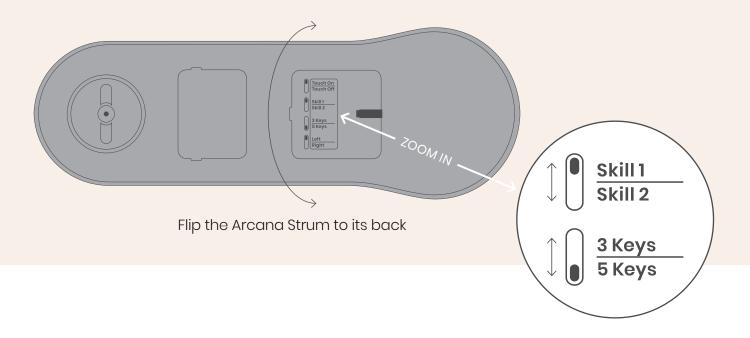
Rhythm notation for the three methods compared to the standard notation Pg 39

* Harmony (music) -Chords, music accompaniment, harmony occurs when two or more notes are played at the same time. * Melody -

Single notes, scales, a continuous tune as opposed to a harmony.

The Three Methods

Musical uses through different methods

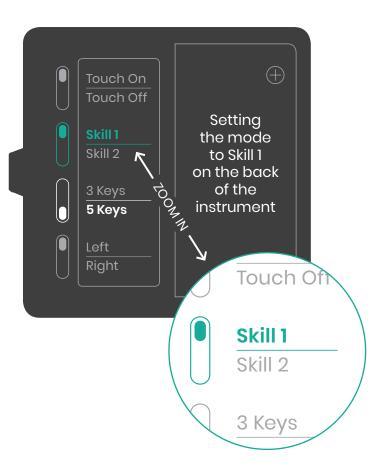


Skill 1

Jam Guitar

In this mode, the Arcana Strum is tailored for students who struggle with learning theoretical music on standard instruments, and allows them to progress in an accessible manner that prevents frustration. Despite its simpler method, this mode still provides a wide range of harmonies and melodies and allows a broad entry into the world of theory and performance in music.

It is highly recommended to use musical notation through colors (see example in the illustrations available further on).



Chromatic Guitar

In this method, the musical theory is based on traditional instruments structured by halftone intervals, and a very wide range of notes and harmonies.

Skill 2 mode requires cognitive abilities that allow for memory, retention and the acquisition of the skills and language that are the same when learning how to play a standard guitar. It is very suitable for students who want to specialize in the field of music.

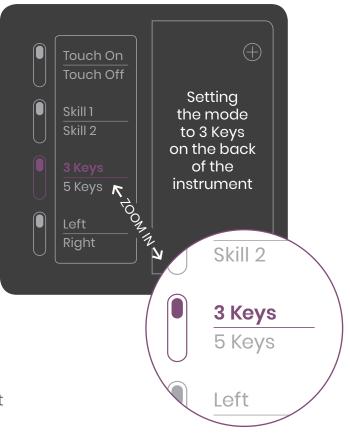


3 Keys

For students who are less suited to gain expertise using five keys

Using three keys is suitable in situations where movement is very limited - such as movement of the head or legs instead of arms, and the need for a larger surface area in cases where players can't use their fingers to press the keys. This mode is also suitable for cognitive limitations such as problems in memory, attention and more.

When this mode is activated, the keys must be replaced with the 3 keys configuration. This accessory can be bought separately. Although this mode is limited, it still allows for harmonic and melodic playing, and gives players a broad musical education.

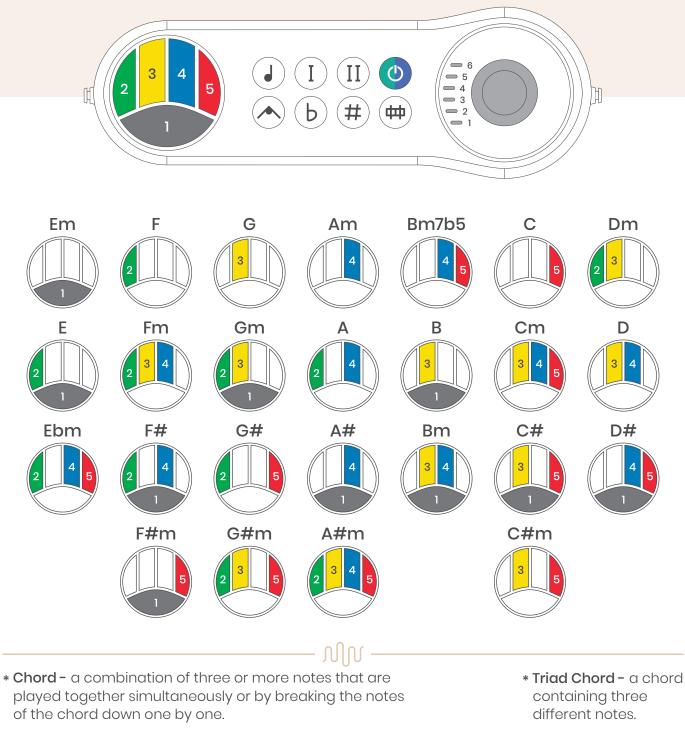


Skill 1 + Skill 2

Harmonic Guitar

Triad Chords

When the Arcana Strum is on, the instrument is in harmonic mode, and behaves like a standard guitar. Combinations of one or more keys characterise the six strings on the strumming handle, and are arranged as triad chords* in a range that is identical to a guitar.



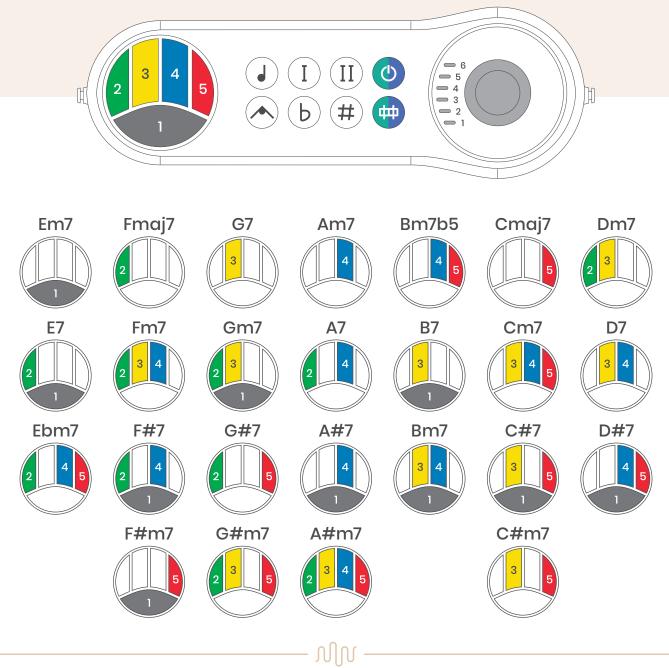
Skill 1 + Skill 2

HARMONY

Septachords 😁

Seventh Chords

When the Septachords button is activated, the notes order changes, and the chords change to chords containing four different notes. This mode allows users to play and accompany a large variety of genres such as blues and jazz.



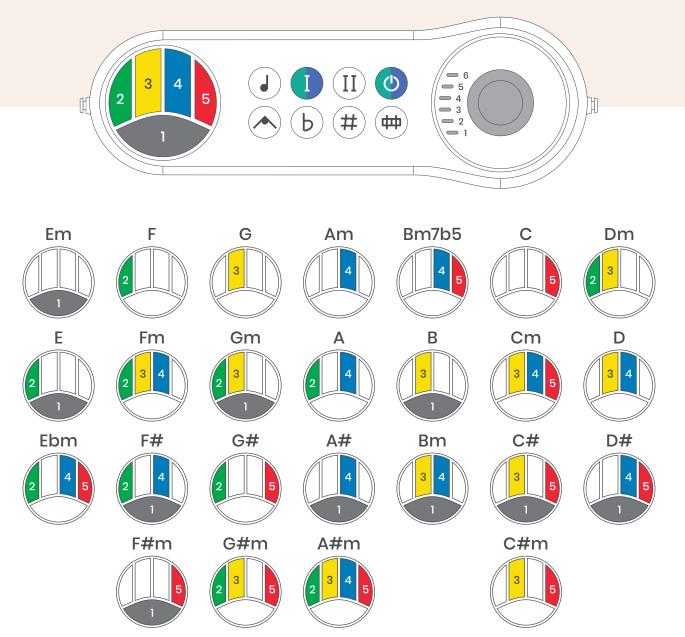
* Septachords - a chord containing four different notes.

Skill 1 + Skill 2

Arpeggio 🕕

Arpeggio - the breakdown of chords

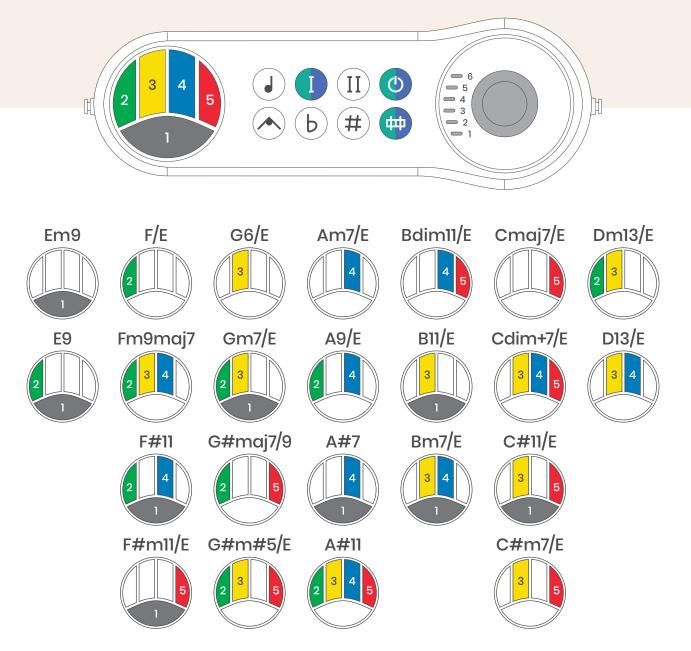
In this mode, the triad chords are arranged differently and allow for typical arpeggio playing on a guitar, without needing to skip over unwanted bass strings [explanation on the strumming manner and practice on page 10].



Continuous Bass 🕕 🖶

Chords with a constant bass and tension notes

In this mode, the chords change to chords that combine E as the bass note, and create chord combinations with tension notes that are very typical in world music (oriental music) and guitar accompaniment.



Skill 1 + Skill 2 Practice

Harmonic Guitar

Hogay Carmichael

F

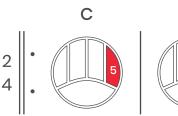


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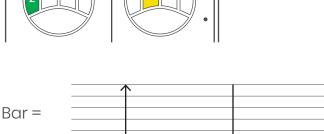
3 2

Heart and Soul - Hoagy Carmichael





Practice strumming the chord progressions:



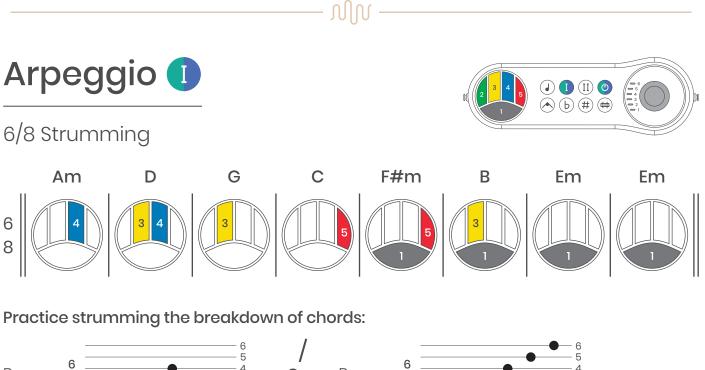
and

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and

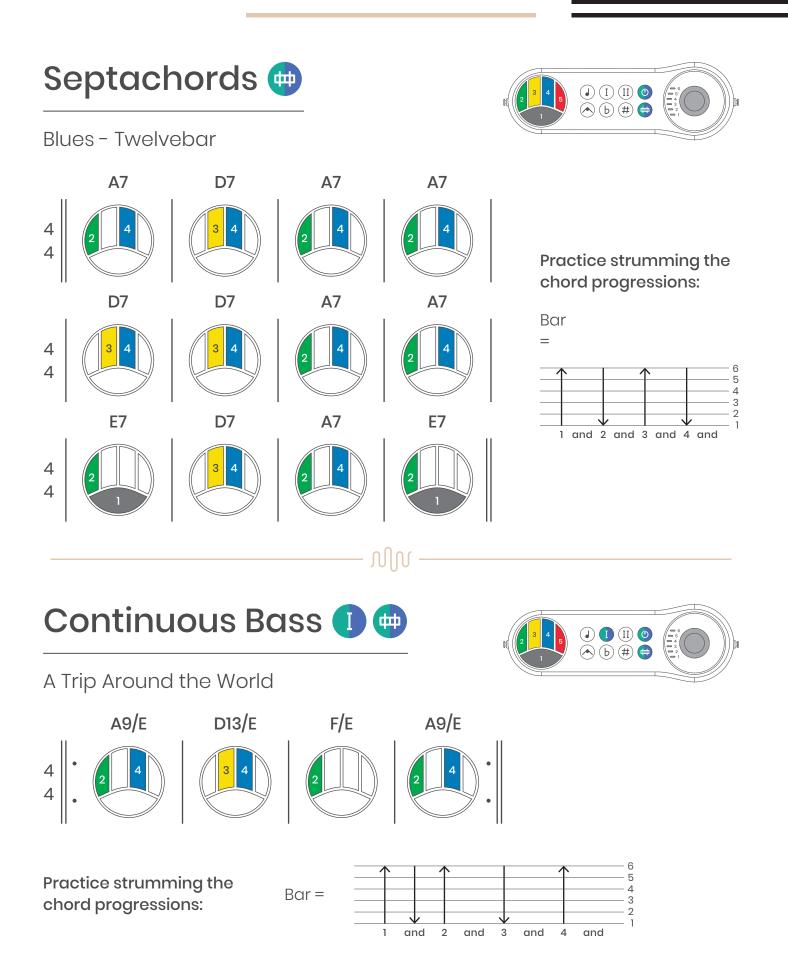
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G



Skill 1 + Skill 2 Practice

HARMONY



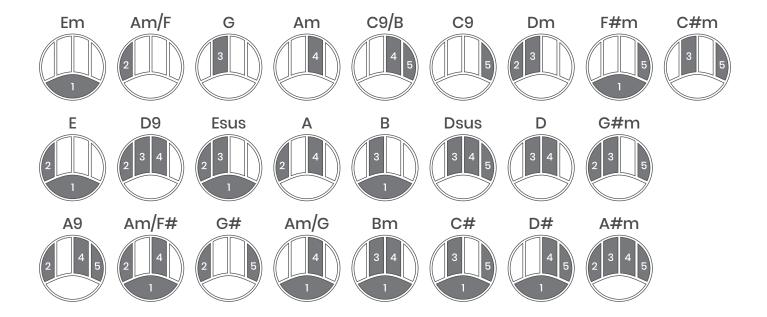
Skill 2

Bass Line 🕕

Interchangeable Bass and Suspended Chords

In this mode, the chords are changed to chords that have a changing bass note in the minor scale degree of Am, and to the chords E and D with changing tension notes.





Skill 2 | Practice

HARMONY

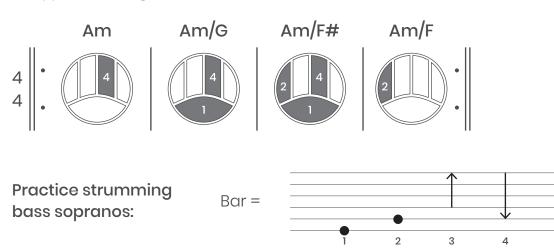
Interchangeable Bass 🕕



5

3

A Typical Progression

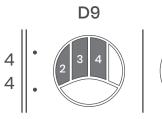


- MV -

Suspended Chords 🕕

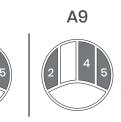


A Typical Progression

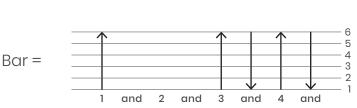








Practice strumming quarter and eighth notes:

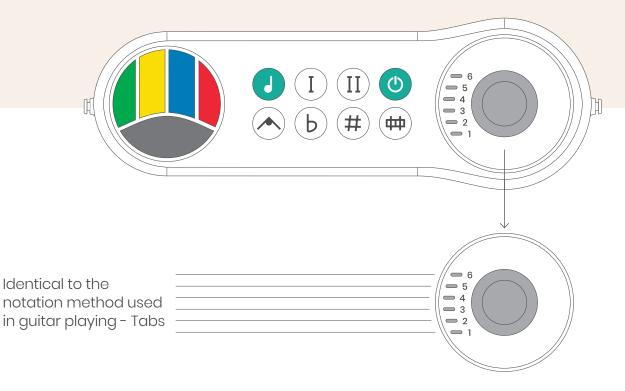


Μ	ELODY	7

Diatonic Scale 🥑

C Major and A Minor Scales

When the melody button is on, the arrangement of notes changes and is used for melodic playing. This mode allows one to play the C Major scale without accidental notes* (b and # notes) and provides a wide range of notes - 4 octaves.



Tonic: C

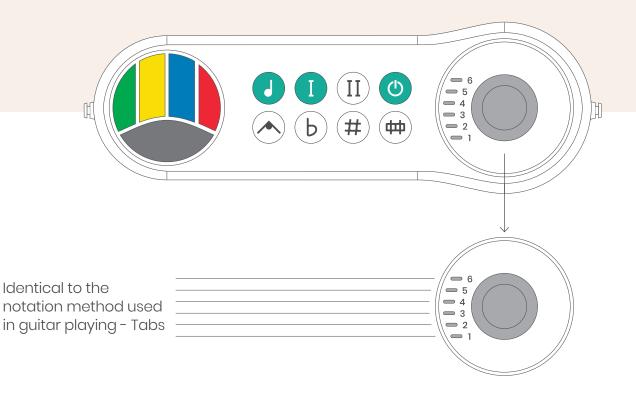
 	 	 BCDEF	6
			0
			5
 	 BGABC	 	4
			3
			2
			1

M -

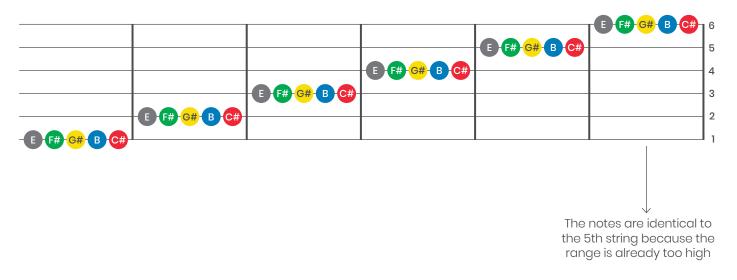
- * Accidental note an accidental modifies the pitch of musical notes in a written music notation, indicating the raising or lowering of a note by a semitone. # raises by a semitone. b lowers by a semitone.
- Diatonic Playing playing without changing the scale. (In C Major, seven notes without accidentals # and b).

Pentatonic Major Scale 🚺 🕗

When the melody button and mode I are on, the arrangement of notes change similarly to the melody mode, but with a different note scale. This scale is a popular tool used in music therapy and musical education for young ages (3-8).



Tonic: E

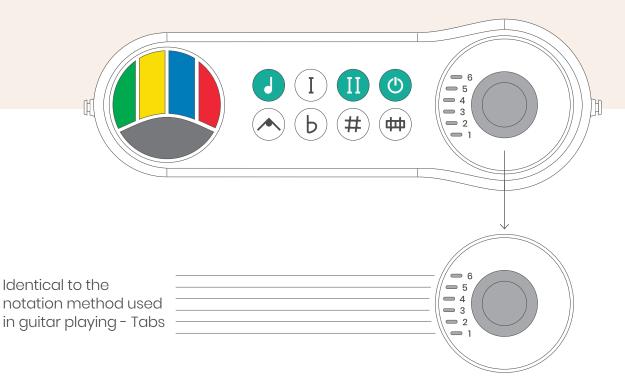


MELODY

Skill 1

Blues Scale 🕕 🤳

When the melody button and mode II are on, the arrangement of notes change similarly to the melody mode, but with a different combination of notes. This mode allows users to play the blues scale - a scale containing six notes, which is very popular with Western and American music.

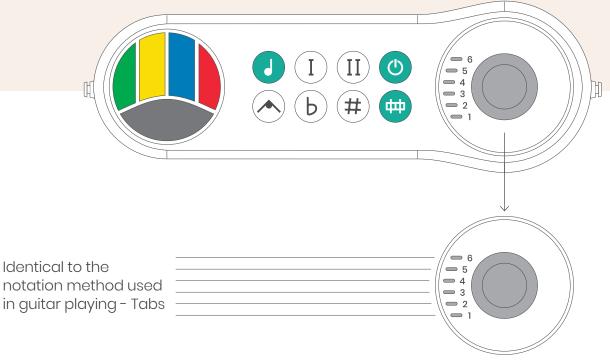


Tonic: E7

			. 6
			 ľ
			5
	 		 4
	BDEGA		3
			2
-E G A A# B			1

Hijaz Scale 🖶 🤳

When the melody button and the septa chord mode are on, the arrangement of notes change and G is raised by a semitone to G#. This creates the Hijaz scale a unique scale characterized by an interval of a tone and a half. If we begin playing from the note A, we will be playing the Minor Harmonic scale, which is very popular in Eastern and World music.

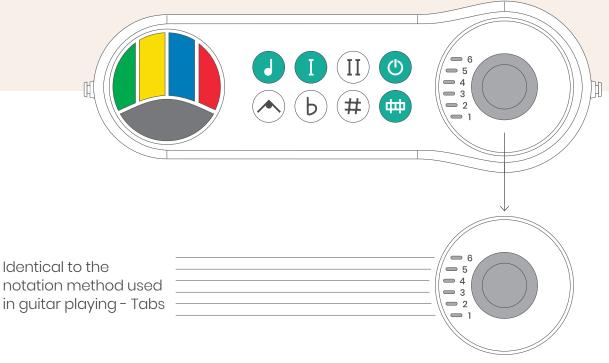


Tonic: E, Am

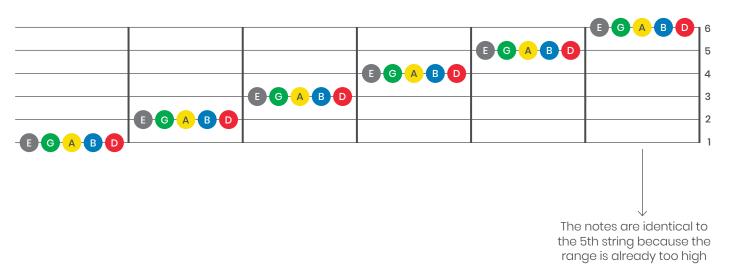
	 	 BCDEF	6
 			5
			1
			1
 			3
			2
			2
I			1

Minor Pentatonic Scale 🚺 🖶 🤳

When the melody, mode I and the septa chord mode are all on, the arrangement of notes changes similarly to the melody mode without the notes F and B. This mode allows users to play the Minor Pentatonic Scale - a very simple scale containing 5 notes. This scale is very popular in music therapy and characterizes the world of rock music and African music.



Tonic: E, Em, E7



Skill 1 | Practice

MELODY

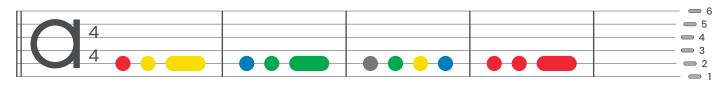
Diatonic Scale 🥑

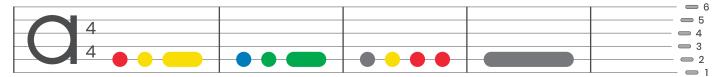




Little Jonathan -Hebrew Nursery Rhyme

Flip the Arcana Strum over and make sure Skill 1 is activated







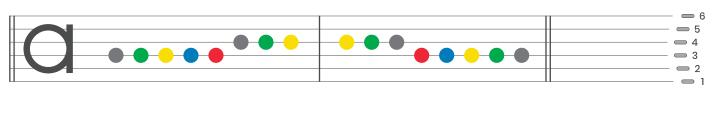


– MV –

C Major Scale Practice:



A Minor Scale Practice:



 Eighth note =
 Quarter note =
 Half note =
 Dotted half note =
 Whole note =

Skill 1 | Practice

 \uparrow



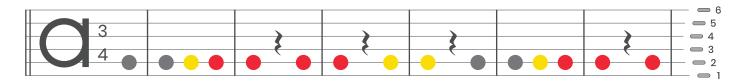
Blue Danube - Strauss

 $\mathbf{i}_{\mathbf{0}}$ Flip the Arcana Strum over and make sure Skill 1 is activated

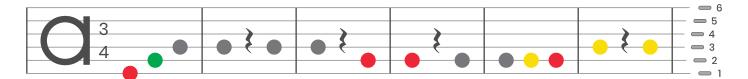
Skill 1

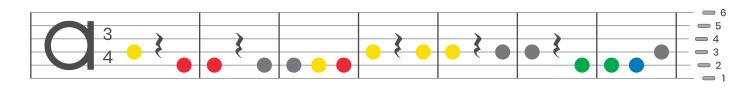
Skill 2

3 Keys 5 Keys







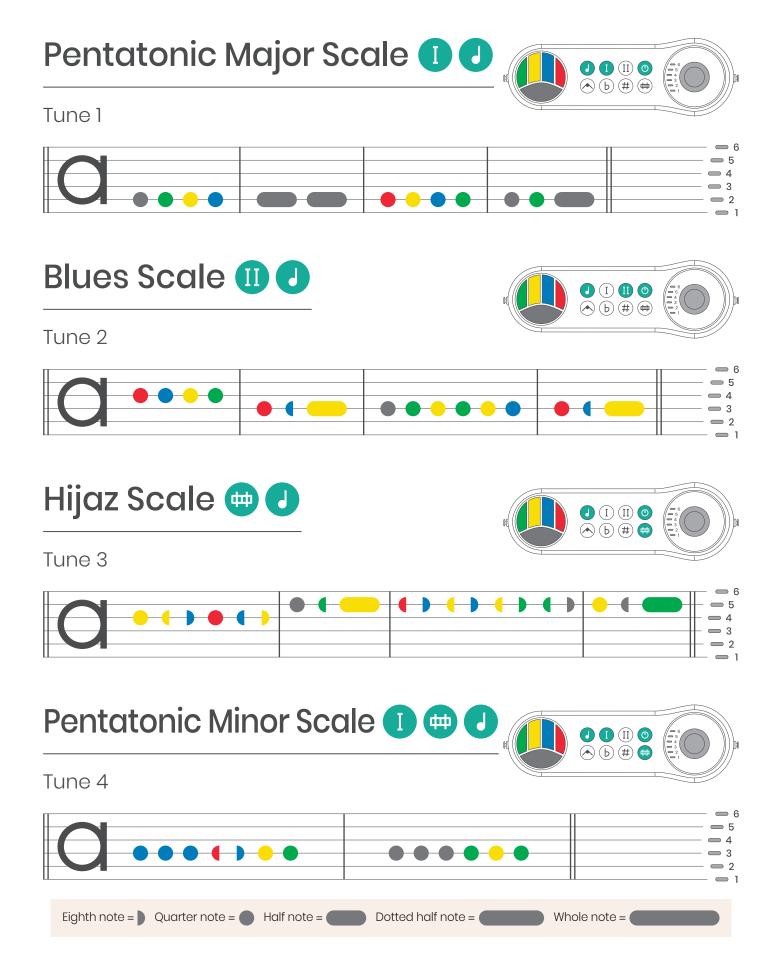




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Skill 1 | Practice

MELODY

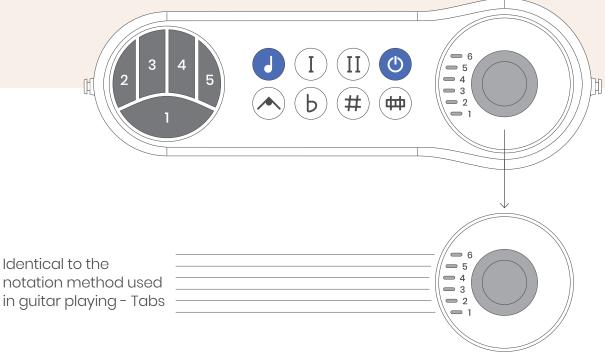


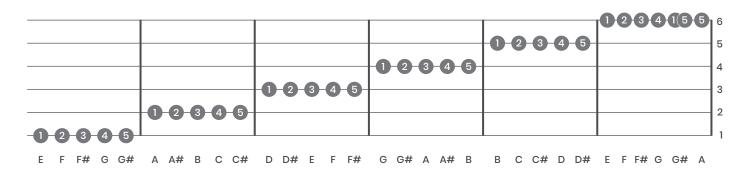
MELODY

Chromatic Guitar E 🕗

"Open" Position

When the melody mode button is on, the arrangement of notes changes and is used for melodic playing. In this mode, the keys are arranged in a manner that is identical to the frets in a guitar, starting with a low, open E string, and allows users to play all scales in a range of two and a half octaves.





* Chromatic - a scale of notes structured by intervals of a semitone. It contains all western notes (12 notes).

MV

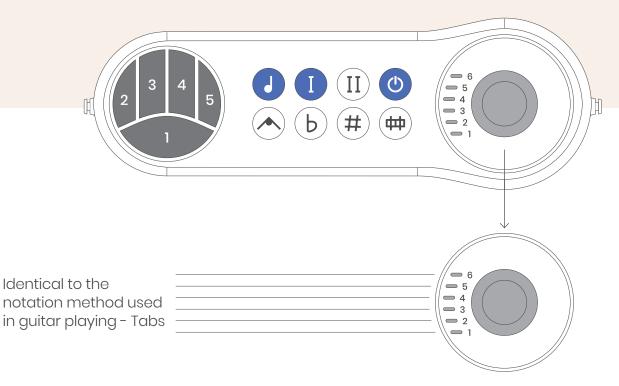
 * Octave - the interval between one musical note and another with double its frequency. This interval is equivalent to six tones (or 12 semitones, 12 notes).
 For example - middle C up to high C.

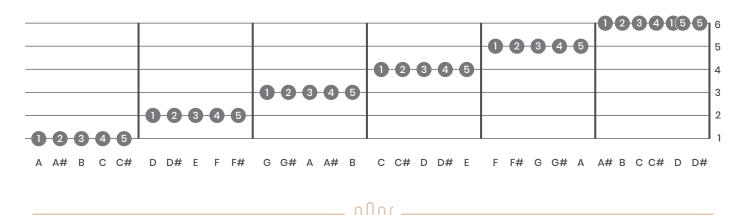
MELODY

Chromatic Guitar A 🕗 🕕

"Minor" Position

When the melody button and mode I are on, the arrangement of notes changes similarly to the chromatic mode E, but with a higher range of notes same as that of a guitar from its 5th fret, and the tonic root note is A.





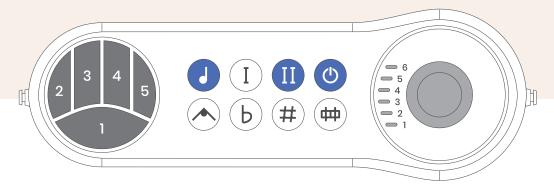
* Tonic Root - the first note that a scale or a chord begins with.

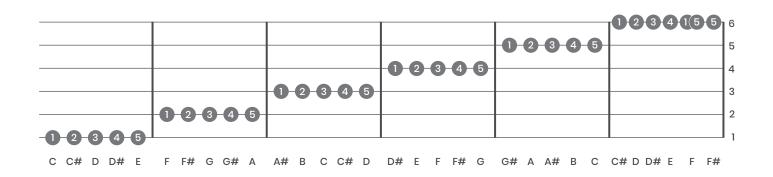


Chromatic Guitar C J 🕕

"Major" Position

button and mode II are on, the arrangement of notes changes similarly to the chromatic mode E, with a higher range of notes same as that of a guitar from its 8th fret, and the tonic root note is C.





Skill 2 | Practice

MELODY

Chromatic Guitar E 🕗





Blue Danube - Strauss

Flip the Arcana Strum over and make sure skill 2 is activated

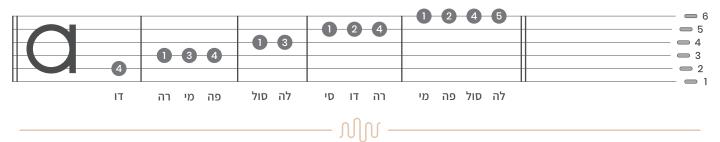


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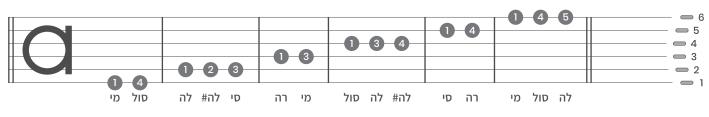
3

C Major Scale Practice:

4

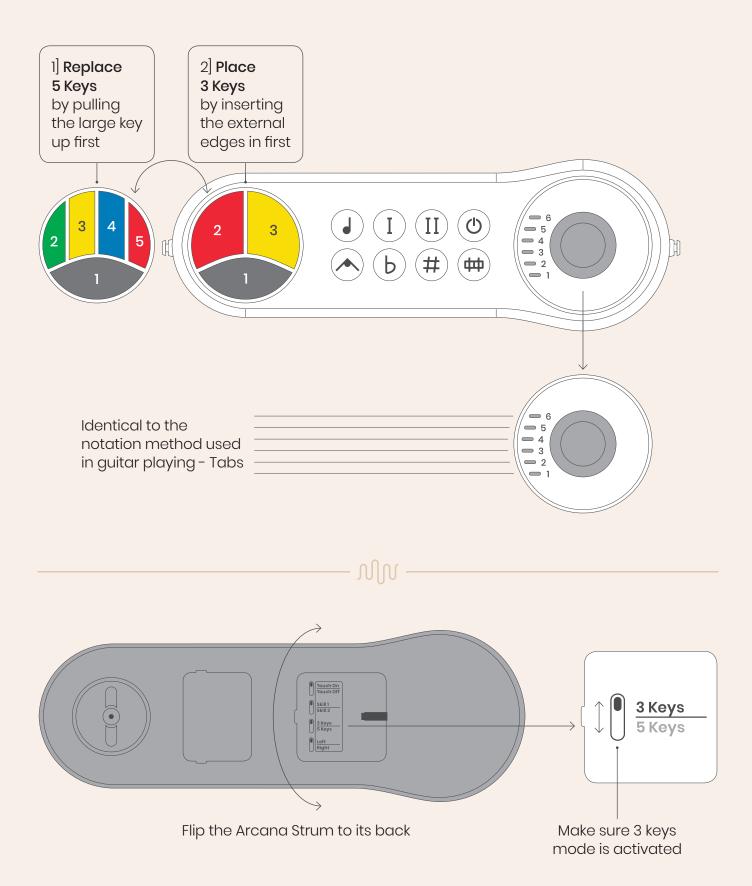


Blues Scale Practice:



3 Keys

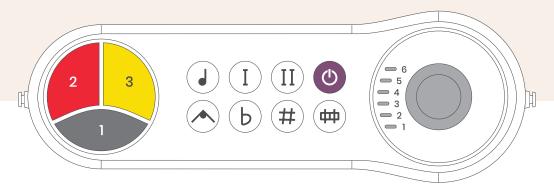
Suitable for students with motor or cognitive abilities that are less suitable for gaining expertise using five keys.

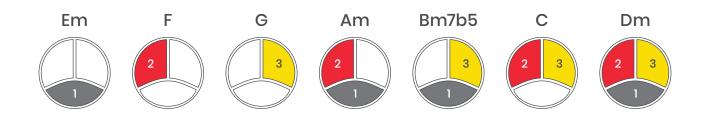


Harmonic Guitar

Triad Chords

When the Arcana Strum is on, the instrument is in harmonic mode, and behaves like a standard guitar. Combinations of one or more keys characterise the six strings on the strumming handle, and are arranged as triad chords.



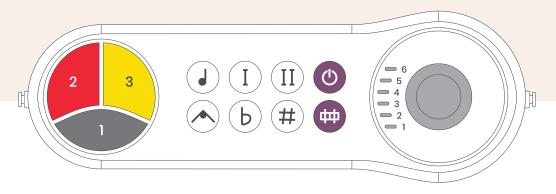


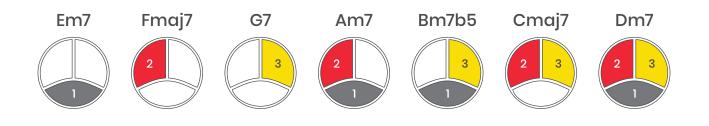
3 Keys

Septachords 🖶

Seventh Chords

When the Septachords button is activated, the notes order changes, and the chords change to chords containing four different notes. This mode allows users to play and accompany a large variety of genres such as blues and jazz.

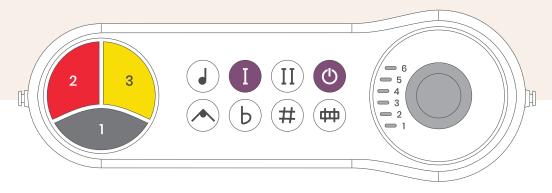


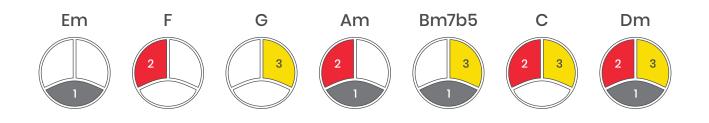


Arpeggio 🕕

Arpeggio - the breakdown of chords

In this mode, the triad chords are arranged differently and allow for typical arpeggio playing on a guitar, without needing to skip over unwanted bass strings [explanation on the strumming manner and practice on page 31].



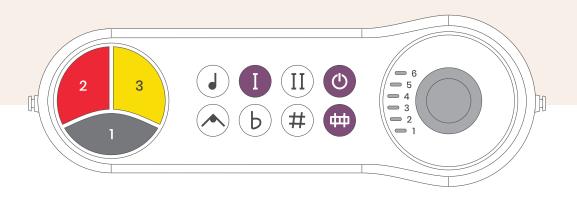


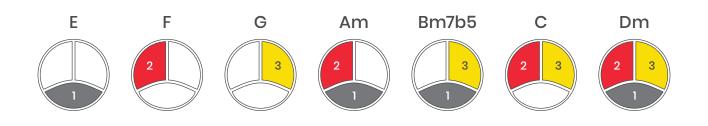
3 Keys

Fifth Major 🕕 🖶

E Major Chords

This mode is used to allow users to accompany minor pieces of music (A Minor) of which the fifth degree is a major chord (E Major).

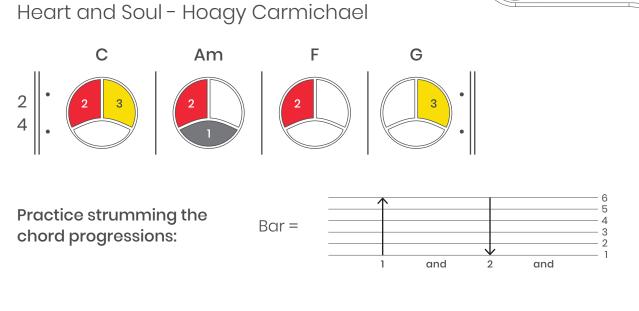




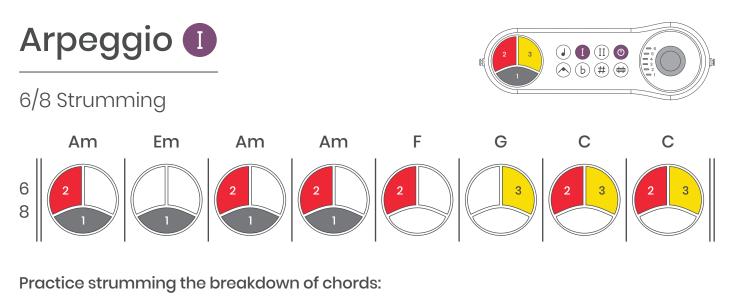
3 Keys | Practice

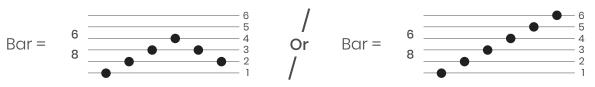
HARMONY

Harmonic Guitar



– մին –





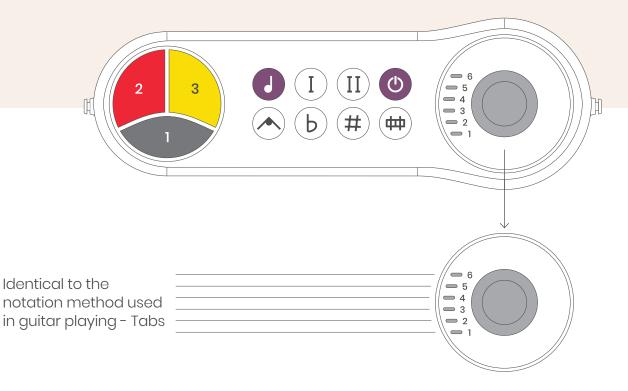


3 Keys

Diatonic Scale 🕗

C Major and A Minor Scales

When the melody mode button is on, the arrangement of notes changes and is used for melodic playing. This mode allows users to play the C Major scale without accidental notes (# and b) and provides a wide range of notes - 2.5 octaves.

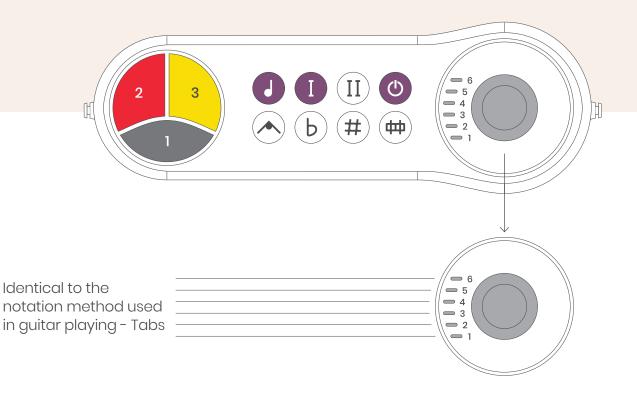


Tonic: C

		5
	G A B	4
		3
		5
	 	 2
	 	 · · · · · ·

Pentatonic Major Scale **1**

When the melody button and mode I are on, the arrangement of notes change similarly to the melody mode, but with a different note scale. This scale is a popular tool used in music therapy and musical education for young ages (3-8).



Tonic: E

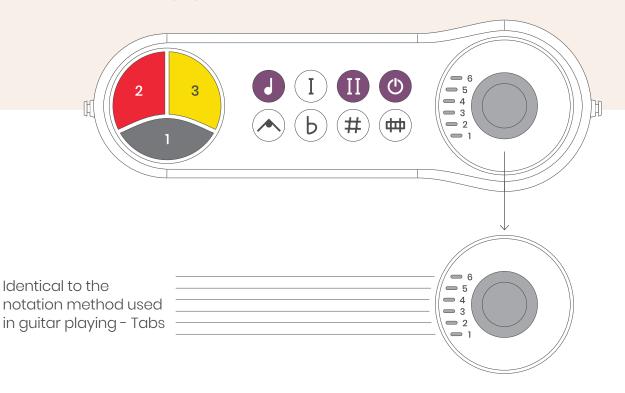
 				F#G# 6
				🕒 🐨 🐨 °
 			—	5
				4
	F# G# B			3
				l °
 B C# E				2
				,
8	<u>=</u>	-	<u>.</u>	

MELODY

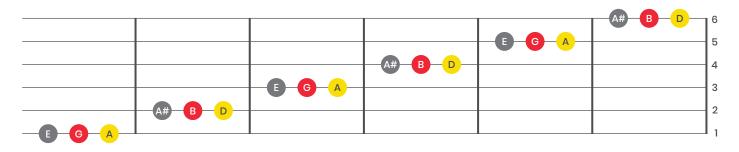
3 Keys

Blues Scale 🕕 🕘

When the melody button and mode II are on, the arrangement of notes change similarly to the melody mode, but with a different combination of notes. This mode allows users to play the blues scale - a scale containing six notes, which is very popular with Western and American music.

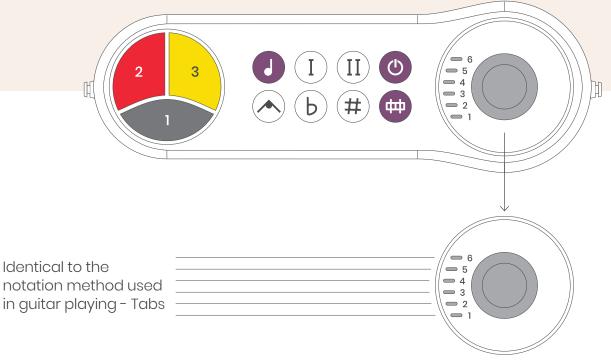


Tonic: E7



Hijaz Scale 🖶 🕗

When the melody button and the septa chord mode are on, the arrangement of notes change and G is raised by a semitone to G#. This creates the Hijaz scale a unique scale characterized by an interval of a tone and a half. If we begin playing from the note A, we will be playing the Minor Harmonic scale, which is very popular in Eastern and World music.

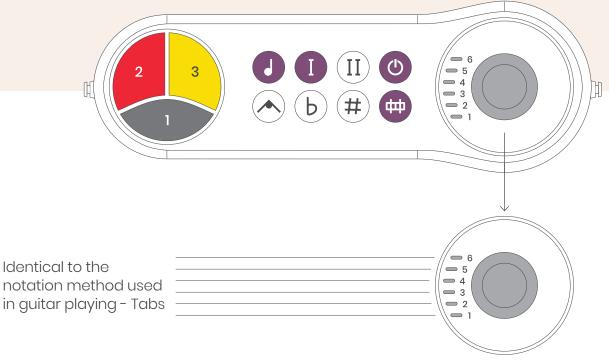


Tonic: E, Am

					F G# A 6
				C D E	
					5
					4
					3
					2
E					,
	*	-	-	-	_

Minor Pentatonic Scale 🕕 🖶 🕘

When the melody, mode I and the septa chord mode are all on, the arrangement of notes changes similarly to the melody mode without the notes F and B. This mode allows users to play the Minor Pentatonic Scale - a very simple scale containing 5 notes. This scale is very popular in music therapy and characterizes the world of rock music and African music.



Tonic: E, Em, E7

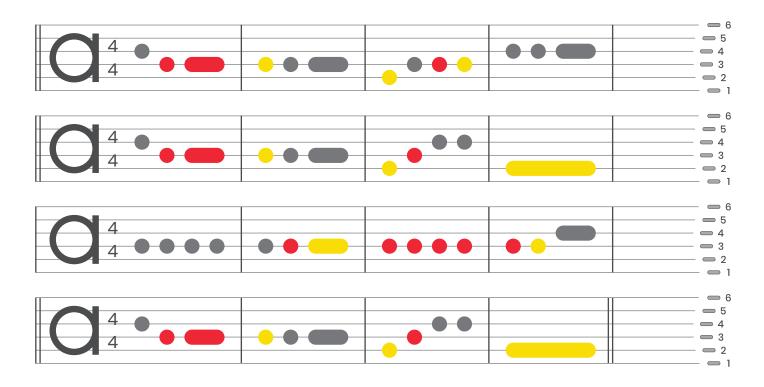
 				- 6
				0
 			 	- 5
 		D E G	 	4
 	G A B		 	- 3
 B D E			 	2
				Ι.
				- 1

3 Keys | Practice

MELODY

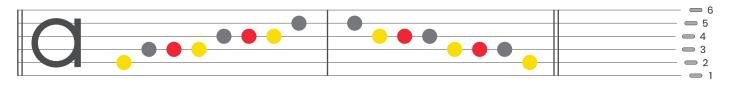
Diatonic Scale 🕖

Little Jonathan - Hebrew Nursery Rhyme



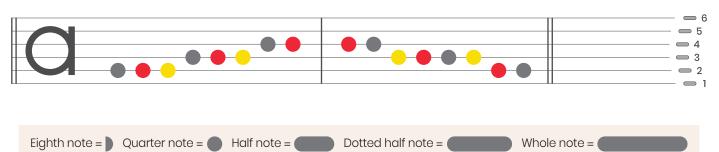
– ហ្យា -

C Major Scale Practice:



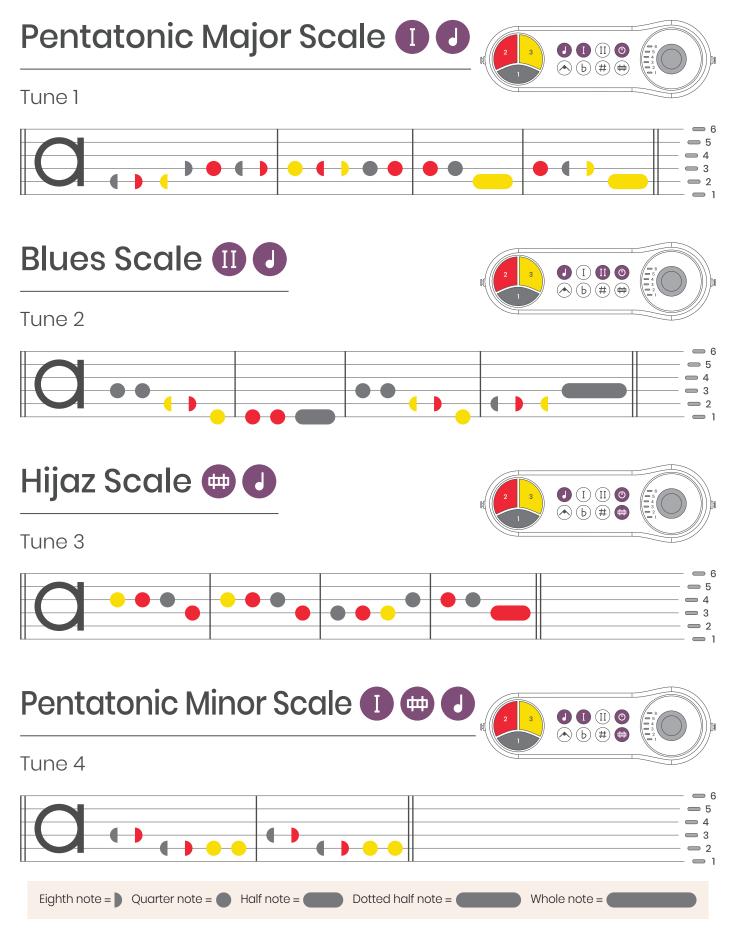
- MV -

A Minor Scale Practice:



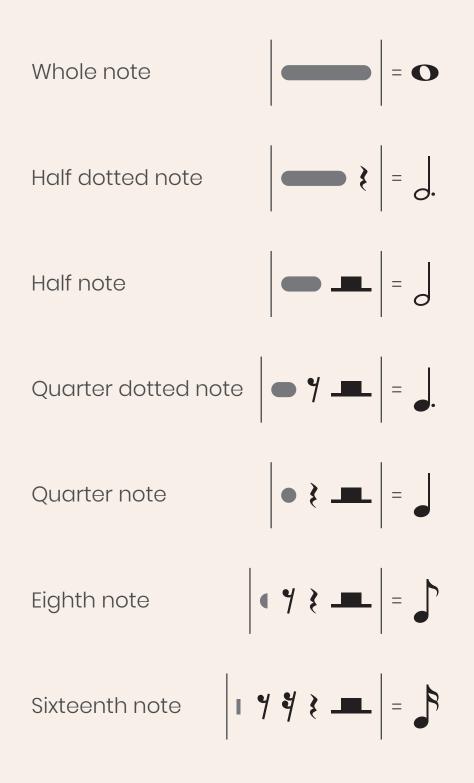


3 Keys | Practice



Rhythm Notation

Rhythm notation for the three methods compared to the standard notation







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