

**Pebber Brown's explanation to all Guitar Players:
The Natural Harmonic Overtone series and it's relation to
the Lydian Scale, Lydian Chordmode and Lydian Plural Interior Chords**

- Naturally Occurring Overtone Series

E E B E G# B D E F# G# A# B C# D D#
1 1 5 1 3 5 b7 1 9 3 #4 5 6 b7 7

- Pythagoras Stacked them in 5ths:

E B F# C# G# D# A#
1 5 9 6 3 7 #4

Note: After A# then the next note a 5th above would be E# (or F), which is missing from the overtone series, so therefore we stop at A#.

- Notes are then reorganized as successive tones in alphabetical and scalar order which then forms the Lydian Scale:

E F# G# A# B C# D# (E)
1 2 3 #4 5 6 7 (1)

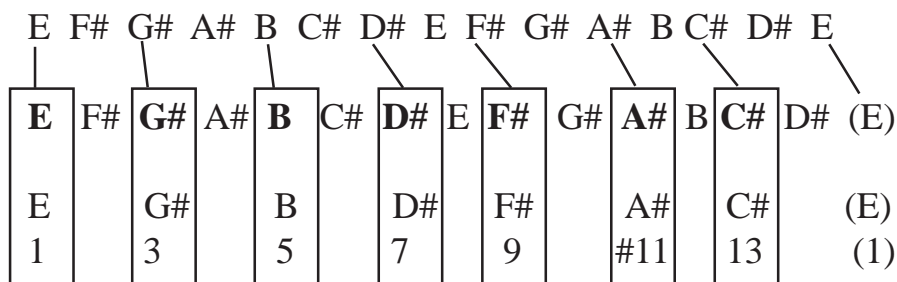
This Scale is the LYDIAN Scale

(Note: *This is NOT the Major Scale!*)

- When you write out a LYDIAN scale in 2 octaves it looks like this:

E F# G# A# B C# D# E F# G# A# B C# D# E

- We then can construct TERTIARY (stacking thirds) chords by using every other note:



This is called the LYDIAN CHORDMODE.

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- The Lydian Tonic Chordmode contains triads, 7ths chords, 9ths, +11ths and 13th chords:

E	F#	G#	A#	B	C#	D#	E	F#	G#	A#	B	C#	D#	E
E		G#		B		D#		F#		A#		C#		(E)
1		3		5		7		9		#11		13		(1)

E	G#	B	D#	F#	A#	C#	(E)	=	E Maj
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	E Maj7
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	E Maj9
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	E Maj9+11
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	E Maj13+11
1	3	5	7	9	#11	13	(1)		

- Lydian Chordmode Plural Interior Chords from the 3rd :

E	G#	B	D#	F#	A#	C#	(E)	=	G#mi
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	G#mi7
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	G#mi9
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	G#mi11
1	3	5	7	9	#11	13	(1)		

E	G#	B	D#	F#	A#	C#	(E)	=	G#mi13
1	3	5	7	9	#11	13	(1)		

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• Lydian Chordmode Plural Interior Chords from the 5th :

E 1	G# 3	B D# F# 5 7 9	A# C# #11 13	(E) (1)	=	B Maj
E 1	G# 3	B D# F# A# 5 7 9 #11	C# 13	(E) (1)	=	B Maj7
E 1	G# 3	B D# F# A# C# 5 7 9 #11 13		(E) (1)	=	B Maj9
E 1	G# 3	B D# F# A# C# 5 7 9 #11 13		(E) (1)	=	BMaj9sus4
E 1	G# 3	B D# F# A# C# 5 7 9 #11 13		(E) G# (1) 3	=	BMaj13sus4

• Lydian Chordmode Plural Interior Chords from the 7th :

E 1	G# 3	B 5	D# F# A# 7 9 #11	C# 13	(E) (1)	=	Dmi
E 1	G# 3	B 5	D# F# A# C# 7 9 #11 13		(E) (1)	=	Dmi7
E 1	G# 3	B 5	D# F# A# C# 7 9 #11 13		(E) (1)	=	Dmi7(b9)
E 1	G# 3	B 5	D# F# A# C# 7 9 #11 13		(E) G# (1) 3	=	Dmi11(b9)
E 1	G# 3	B 5	D# F# A# C# 7 9 #11 13		(E) G# B (1) 3 5	=	Dmi13(b9)

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• Lydian Chordmode Plural Interior Chords from the 9th :

E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	

• Lydian Chordmode Plural Interior Chords from the +11th :

E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	
E	G#	B	D#	F#	A#	C#	(E)	G#	B	D#	F#	A#	C#	(E)	=
1	3	5	7	9	#11	13	(1)	3	5	7	9	#11	13	1	

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• Lydian Chordmode Plural Interior Chords from the 13th :

E	G#	B	D#	F#	A#	C# (E)	G#	B	D#	F#	A#	C# (E)	=
1	3	5	7	9	#11	13 (1)	3	5	7	9	#11	13	1
E	G#	B	D#	F#	A#	C# (E)	G#	B	D#	F#	A#	C# (E)	=
1	3	5	7	9	#11	13 (1)	3	5	7	9	#11	13	1
E	G#	B	D#	F#	A#	C# (E)	G#	B	D#	F#	A#	C# (E)	=
1	3	5	7	9	#11	13 (1)	3	5	7	9	#11	13	1
E	G#	B	D#	F#	A#	C# (E)	G#	B	D#	F#	A#	C# (E)	=
1	3	5	7	9	#11	13 (1)	3	5	7	9	#11	13	1
E	G#	B	D#	F#	A#	C# (E)	G#	B	D#	F#	A#	C# (E)	=
1	3	5	7	9	#11	13 (1)	3	5	7	9	#11	13	1

• Lydian Chord scales:

Triads:

E	F#	G#mi	A#o	B	C#mi	D#mi	E
Imaj	IImaj	IIIImi	+IVdim	Vmaj	VIImi	VIIImi	Imaj

7th chords:

Emaj7	F#7	G#mi7	A#Ø7	Bmaj7	C#mi7	D#mi7	Emaj7
Imaj	II-7	IIIImi7	+IVmi7b5	Vmaj	VIImi7	VIIImi7	Imaj

9th chords:

Emaj9	F#9	G#mi9	A#Ø9	Bmaj9	C#mi9	D#mi7b9	Emaj9
Imaj9	II-9	IIIImi	+IVmi9b5	Vmaj9	VIImi9	VIIImi7b9	Imaj9

11th chords:

Emaj9#11	F#11	G#mi11	A#mi11b5	Bmaj9sus4	C#mi11	D#mi11b9	Emaj9#11
Imaj9+11	II-11	IIIImi11	+IVmi11b5	Vmaj9sus4	VIImi11	VIIImi11b9	Imaj9+11

13th Chords:

Emaj13#11	F#13	G#mi13	A#mi11b5	Bmaj9sus4	C#mi13	D#mi13b9	Emaj9#11
Imaj13+11	II-13	IIIImi13	+IVmi11b5	Vmaj9sus4	VIImi13	VIIImi13b9	Imaj9+11