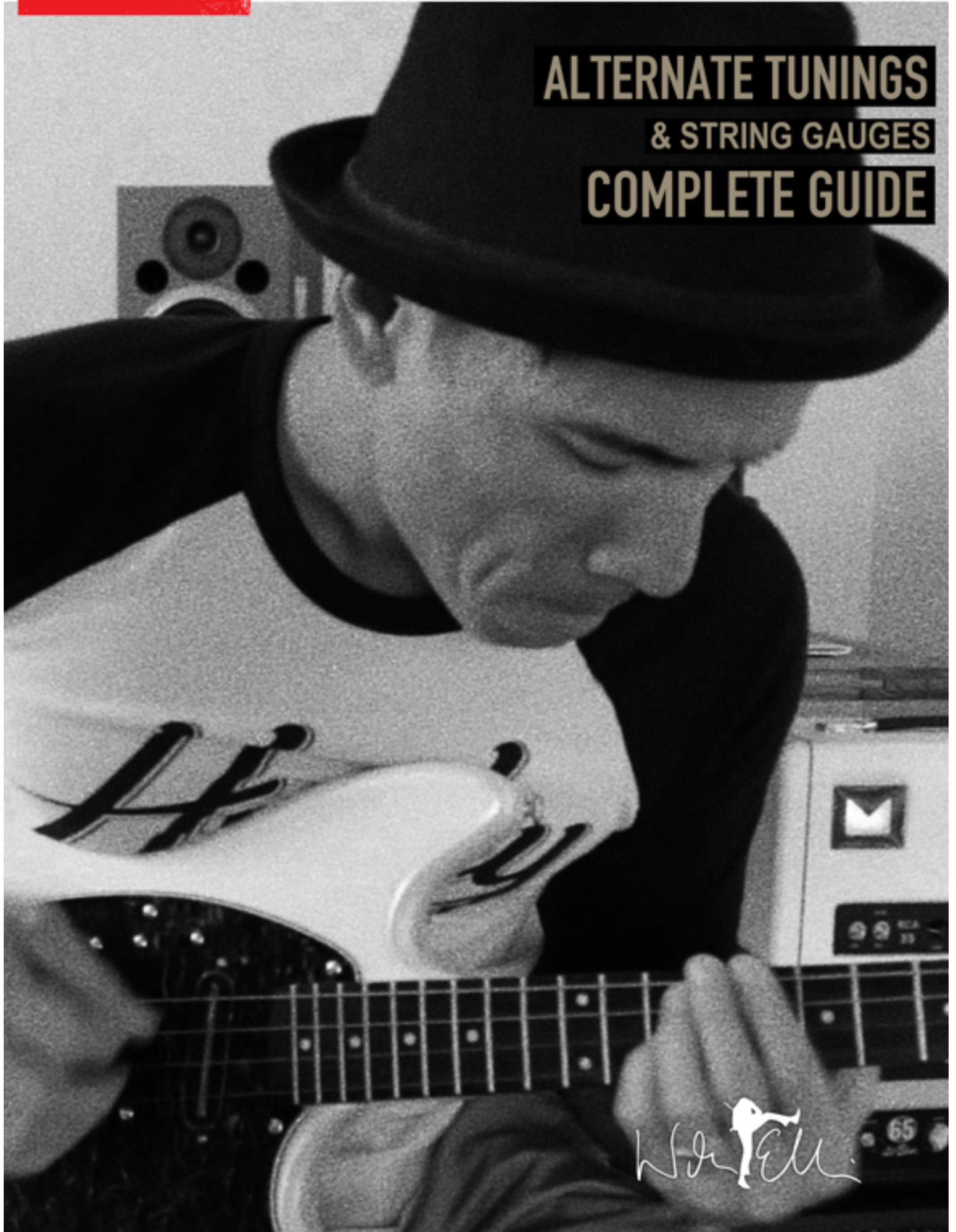


EASTWOOD

WARREN ELLIS SERIES

**ALTERNATE TUNINGS
& STRING GAUGES
COMPLETE GUIDE**



Warren Ellis

How To Use This Guide

This guide is designed to allow you to access a wide variety of alternate tunings for any Warren Ellis Series instrument. As we have received so many enquiries about tunings over the last few years, we thought an in depth guide would let everyone explore the possibilities!

Guitar Life Hack!

You can use the Mandocello/Baritone gauge guide for your 24 3/4" or 25 1/2" scale-length guitar! Make up your own tunings, or refer to other alt tunings, and find the ideal string gauge for the job.

Using the suggested gauges will help maintain the correct tensions required for neck stability and playability.

- Go to your desired Warren Ellis Series instrument (or scale length).
- Find the tuning you want.
- Note down the **tuning pitches** you need for the tuning you want (G2, E3, etc).
- Go to the 'String Gauges' section and use the chart to find the string gauges you need for your particular instrument (or scale length). (eg, G2 for a Tenor would mean a 0.24 (regular) or 0.26 gauge string (slightly heavier))
- Each section has blank 'user' spaces for you to record your own tunings/ gauges (which we are always interested to hear, by the way!)

*Notes/disclaimer

- Eastwood Guitars Inc accepts no responsibility for any issues that arise as a result of using this guide. This does not effect regular warranties and statutory rights.
- If you are in any doubt on how to use this guide, we highly recommend referring to your local store or technician.
- In some cases, truss-rod adjustment may be required when changing tunings.
- Some alterations may be required to the nut and saddles when making changes in string gauges (eg, swapping a 0.20 gauge string for a 0.46 will likely require a different nut groove). Contact Us to purchase blank nuts.



String Gauges at a Glance*

*0.18 to 0.08 gauges are assumed as plain strings. 0.20 to 0.68 gauges are assumed as wound strings.

Pitch	Mandocello/Tenor Baritone 25.5"		Tenor 23"		Mandostang 14"	
	REG GAUGE	HVY GAUGE	REG	HVY	REG	HVY
A0						
B0	0.64	0.68				
C1	0.60	0.64				
D1	0.52	0.56	0.52	0.56		
E1	0.46	0.50	0.48	0.52		
F#1	0.42	0.46	0.46	0.48		
G1	0.40	0.43	0.42	0.46		
A1	0.36	0.38	0.38	0.42		
B1	0.32	0.35	0.36	0.40		
C2	0.32	0.34	0.36	0.38		
D2	0.26	0.28	0.32	0.34	0.46	0.48
E2	0.24	0.26	0.28	0.30	0.42	0.46
F#2	0.20	0.22	0.26	0.28	0.38	0.40
G2	0.20	0.21	0.24	0.26	0.34	0.36
A2	0.16	0.17	0.18	0.20	0.30	0.34
B2	0.13	0.14	0.14	0.16	0.28	0.30
C3	0.13	0.14	0.14	0.16	0.28	0.30
D3	0.12	0.13	0.13	0.14	0.24	0.26
E3	0.10	0.11	0.11	0.12	0.20	0.24
F#3	0.09	0.10	0.10	0.11	0.18	0.20
G3	0.08	0.09	0.10	0.11	0.17	0.18
A3			0.09	0.10	0.14	0.17
B3			0.08	0.09	0.13	0.15
C4					0.13	0.15
D4					0.12	0.13
E4					0.10	0.11
F#4					0.09	0.10
G4					0.08	0.09



Warren Ellis Tenor



Tuning	Strings (Low to High)			
Standard Tenor 5ths	G1	D2	A2	E3
Standard Tenor Raised 5ths	C2	G2	D3	A3
Open D	D2	A2	D3	F#3
Open G (Keef Stones)	G1	D2	G2	B2
Guitar Tuning (Top 4 strings)	D2	G2	B2	E3
Guitar Tuning (Bottom 4 strings)	E1	A1	D2	G2
Guitar Tuning (Middle 4 strings)	A1	D2	G2	B2
Octave Ukulele	G2	C2	E2	A2



Warren Ellis Mandostang



Tuning	Strings (Low to High)			
Standard Mandostang 5ths	G2	D3	A3	E4
Dropped 5ths in D	D2	A2	E3	B3
Open D	D2	A2	D3	F#3
Open D Octave	D3	A3	D4	F#4
Open G	G2	D3	G3	B3
Guitar Octave (Top 4 strings)	D3	G3	B3	E4
Guitar Octave (Bottom 4 strings)	E2	A2	D3	G3
Ukulele	G3	C3	E3	A3



Warren Ellis Tenor Baritone



Tuning	Strings (Low to High)			
Standard Baritone 5ths	C1	G1	D2	A2
G in 5ths	G1	D2	A2	E3
5ths from E	E1	B1	F#2	C#3
Open D	D1	A1	D2	F#2
Open G (Keef Stones)	G1	D2	G2	B2
Baritone Tuning (Bottom 4 strings)	C1	F1	Bb1	Eb2
Guitar Tuning (Bottom 4 strings)	E1	A1	D2	G2
Low Ukulele in C	C2	F1	B1	D2



Warren Ellis Mandocello



Tuning	Strings (Low to High)			
Standard MandoCello 5ths	C1/C2	G1/G2	D2/D2	A2/A2
G in 5ths (All unison)	G1/G1	D2/D2	A2/A2	E3/E3
G in 5ths (Octaves on lower)	G1/G2	D2/D3	A2/A2	E3/E3
5ths from E	E1/E2	B1/B2	F#2/F#2	C#3/C#3
Open D	D1/D2	A1/A2	D2/D3	F#2/F#2
Open G	G1/G2	D2/D3	G2/G2	B2/B2
Baritone Tuning (Bottom 4 strings)	C1/C2	F1/F2	Bb1/Bb2	Eb2/Eb3
Guitar Tuning (Bottom 4 strings)	E1/E2	A1/A2	D2/D3	G2/G3
Low Ukulele in C	C2/C3	F1/F2	B1/B2	D2/D3





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