

# Thorsen — Sol/Mi/Fa 33/12 — Reed order form

Client : **Thorsen** · Luthier : **Ewen d'Aviau** · 25/02/2026

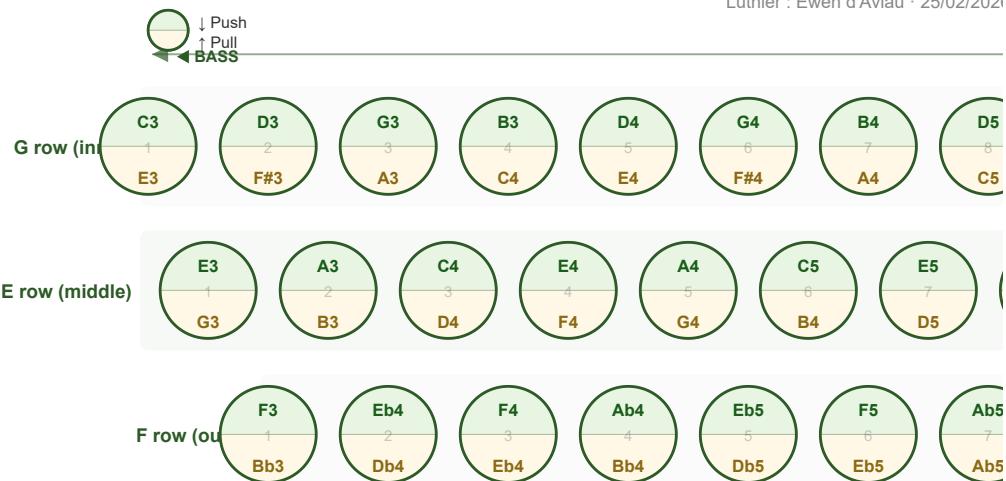
## 🎹 Keyboard plan

Right Hand

### Thorsen — Sol/Mi/Fa 3

Client : Thorsen

Luthier : Ewen d'Aviau · 25/02/2026



Ewen d'Aviau — [ewendaviau.com](http://ewendaviau.com)

### — BELLOWS —

Left Hand

### Left Hand — Thorsen — Sol/Mi/Fa 33/12

	1	2	3	4	5	6
Chd	A Maj 1 F Maj	A Min 2 F Min	E Maj 3 A Maj	E Min 4 A Min	Eb Maj 5 Bb Maj	Eb Min 6 Bb Min
Bas	C2 1 G2	C3 2 G3	G2 3 D2	G3 4 D3	B2 5 F#2	B3 6 F#3

 Reed plate view

## Right Hand

## REED PLATE — Right Hand — Thorsen — Sol/Mi/Fa

  ↓ Push        ↑ Pull

G row (inner)	1 C3	2 D3	3 G3	4 B3	5 D4	6 G4	7 B4	8 D5
	E3	F#3	A3	C4	E4	F#4	A4	C5
E row (middle)	1 E3	2 A3	3 C4	4 E4	5 A4	6 C5	7 E5	8
	G3	B3	D4	F4	G4	B4	D5	
F row (outer)	1 F3	2 Eb4	3 F4	4 Ab4	5 Eb5	6 F5	7 Ab5	
	Bb3	Db4	Eb4	Bb4	Db5	Eb5	Ab5	

## Left Hand

## REED PLATE — Left Hand — Thorsen — Sol/Mi/Fa 33/12

  ↓ Push        ↑ Pull

Basses	1 C2	2 C3	3 G2	4 G3	5 B2	6 B3
	G2	G3	D2	D3	F#2	F#3
Chords	1 A Maj	2 A Min	3 E Maj	4 E Min	5 Eb Maj	6 Eb Min
	F Maj	F Min	A Maj	A Min	Bb Maj	Bb Min

 Reed order form

**REED ORDER FORM — Thorsen — Sol/Mi/Fa 33/12**

<b>Quantity</b>	1	<b>Reed type</b>	Tipo a mano
<b>General description (keys/chords)</b>	33/6 (melody keys / nb basses)	<b>Key tonality</b>	Thorsen — Sol/Mi/Fa 33/12
<b>Row specification</b>	N / N / N (B=16' · N=8' · N+=8'+ · N-=8'- · A=4')	<b>Base tuning</b>	440 Hz
<b>Tremolo</b>	0	<b>Harmony</b>	Bassoon flute
<b>Bass type</b>	20.5 mm width	<b>Bass composition</b>	—
<b>Number of voices (right hand)</b>	2 · Chords 2v / Basses 2v	<b>Luthier / Date</b>	Ewen d'Aviau — 25/02/2026

**RIGHT HAND — Melody reed plate (bisonoric)**

- **G row (inner)** N — N (8' natural 440)

Row	Row specification	No.	Push Note ↓ (bellows push)	Pull Note ↑ (bellows pull)
G row (inner)	N	1	C3	E3
G row (inner)	N	2	D3	F#3
G row (inner)	N	3	G3	A3
G row (inner)	N	4	B3	C4
G row (inner)	N	5	D4	E4
G row (inner)	N	6	G4	F#4
G row (inner)	N	7	B4	A4
G row (inner)	N	8	D5	C5
G row (inner)	N	9	G5	E5
G row (inner)	N	10	B5	F#5
G row (inner)	N	11	D6	A6
G row (inner)	N	12	G6	C6

- **E row (middle)** N — N (8' natural 440)

Row	Row specification	No.	Push Note ↓ (bellows push)	Pull Note ↑ (bellows pull)
E row (middle)	N	1	E3	G3
E row (middle)	N	2	A3	B3
E row (middle)	N	3	C4	D4
E row (middle)	N	4	E4	F4
E row (middle)	N	5	A4	G4
E row (middle)	N	6	C5	B4
E row (middle)	N	7	E5	D5
E row (middle)	N	8	A5	F5
E row (middle)	N	9	C6	G5
E row (middle)	N	10	E6	B5
E row (middle)	N	11	A6	D6

- **F row (outer)** N — N (8' natural 440)

Row	Row specification	No.	Push Note ↓ (bellows push)	Pull Note ↑ (bellows pull)
F row (outer)	N	1	F3	Bb3
F row (outer)	N	2	Eb4	Db4
F row (outer)	N	3	F4	Eb4
F row (outer)	N	4	Ab4	Bb4
F row (outer)	N	5	Eb5	Db5
F row (outer)	N	6	F5	Eb5
F row (outer)	N	7	Ab5	Ab5
F row (outer)	N	8	Eb6	Bb5
F row (outer)	N	9	F6	Db6
F row (outer)	N	10	Ab6	Eb6

## LEFT HAND — Bass & chord plates

Type	No.	Note/Chord Push ↓	Note/Chord Pull ↑
Basses	1	C2	G2
	2	C3	G3
	3	G2	D2
	4	G3	D3
	5	B2	F#2
	6	B3	F#3
Chords	1	A Maj	F Maj
	2	A Min	F Min
	3	E Maj	A Maj
	4	E Min	A Min
	5	Eb Maj	Bb Maj
	6	Eb Min	Bb Min

### Spécifications / Specifications

- Bisonoric accordion — bellows push / pull (accordéon bisonore)
- Number of voices (reeds per note) : 2
- French solfège: Do=C · Ré=D · Mi=E · Fa=F · Sol=G · La=A · Si=B
- Sharp=# · Flat=b | Octaves: 2=low bass · 3=low mid · 4=mid · 5=high · 6=very high

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