

**Adler, Frédéric Guillaume, 13 key bassoon; AdlerFG4-O-Kampmann812**

Complete Project Title: AdlerFG4-O-Kampmann812-Wg1-WOB-DNM

c. 1830-40

Adler, Frédéric Guillaume. (d.1854) fl. Paris c.1808 to 1854

Literature: Haine, Malou. *Les facteurs d'instruments de musique à Paris au 19e siècle*. Université de Bruxelles, 1984.

Hofer, Achim, et al. *Lexikon der Holzblasinstrumente*. Laaber, 2018.

Jansen, Will. *The Bassoon: Its History, Construction, Makers, Players and Music*. Frits Knuf, 1978, Vol. I, pp. 327, 328.

Kampmann, Bruno. *Catalogue de la Collection d'Instruments de Musique à Vent, Tome 6. Larigot*, Numéro spécial n XXI, Paris: Association des Collectionneurs d'Instruments de Musique à Vent, p. 157.

Pierre, Constant. *Les Facteurs D'Instruments de Musique: Les Luthiers et la Factice Instrumentale*. Paris, 1893, pp. 300, 301.

Tiffou, Augustin. *Le basson en France au XIXe siècle : Factice, théorie et répertoire*. L'Harmattan, 2010, pp. 48, 102, 103.

Waterhouse, William. *The New Langwill Index*. Tony Bingham, 1993.

Measured 1 April 2022

Location: Kampmann Collection, Paris, France

13 Key: [Kampmann reports 12 key]

Ab (Large bore vrfd), Eb left thumb, F#, 3 wing keys

5 boot keys, 5 long joint keys

Wing keys: little finger C#, 2 vent keys;

one missing, one removed and filled, [possibly a bocal key]

Boot keys: Bb [vents into small bore], C# removed and filled, Ab, F#, F

Long joint keys: Bb touch, low Eb, low C#, low D, low C touch,

No; Swallowtail F key

No; Two-piece saddle on F key pad

No; Two-hole boot joint

No; Military bell

No; Bell flare

No; Bell crown

No; Bell chamber

No; Tone hole on bell

Yes; Platform on long joint

Dated; No

Notes:

1. All keys on pillars and rods, rods screwed into wood

2. Finger holes not well-worn

3. Made from maple except wing from palisander

3. No rollers no pumps

4. Reversed tapered bell

5. Many worm holes in boot

6. All tone hole surfaces rounded except low D tone hole  
[closed by low C touch]

7. Low D guard missing
8. Key guides for Ab and F# on boot, and Eb on long joint
9. All springs flat, no needle springs
10. A larger dia. boot on both sides where tone holes are drilled

Standing Height; Bell, long joint, boot    125.5cm [Meas. with boot cap off]

Wing and boot                                    87.7 cm

Stamps on all joints: Wing, Boot, long Joint, bell

### Measurements not included on Data file

C# tone hole [wing]                            3.6mm dia.  
     358mm from top of wing  
     Cannot meas. length  
     Drill down toward tenon

Ab tone hole [large bore]                    9.0mm dia.  
     358mm from boot socket  
     18mm deep vrfd

F# tone hole                                    6.1mm dia  
     286mm from boot socket  
     23.5 deep vrfd

Bb tone hole [boot]                           5.8mm dia  
     277mm from boot socket  
     30mm deep  
     Drilled over to small boot bore

Low Eb tone hole [left thumb]            7.9mm dia  
     123mm from small long joint tenon  
     4.5mm deep

Low C# tone hole [long joint]            9.5mm dia  
     400mm from small long joint tenon  
     4.7mm deep

### Undercutting of all joints, wing, both boot bores, and a great deal on the long joint

Boot joint small socket depth            50.5mm  
 Boot joint large socket depth            50.0

Cronin Meas.                                   321 mm

Wing thickness across E [II] tone hole   45.6mm vrfd