

Sax, Charles-Joseph, 8 key bassoon; SaxCJ8-O-NMM1308,

Complete Project Title: SaxCJ8-O-NMM1308-Wg1-WOB-DNM

Sax, Charles-Joseph (Brussels 1790 - Paris 1865)

Literature: Haine, Malou. *Adolphe Sax, sa vie, son œuvre,*

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Jansen, Will. *The Bassoon: Its History, Construction, Makers, Players and Music.* Frits Knuf, 1978 Vol. 1, p. 474.

Langeveld, Erik. *Tentoonstelling van fagotten, prenten, boeken, en manuscripten uit de collectie van Henk de Wit.* De Ijsbreker, Amsterdam, 1992, p. 29.

Larson, André Pierre. *A Catalog of Double Reed Instruments in the Arne B. Larson Collection of Musical Instruments.* Thesis, University of South Dakota, 1964.

Londeix, Jean-Marie. *Pour une histoire du saxophone et des saxophonistes, Livre 1 (1814 à 1899) Adolphe Sax.* Delatour France, 2017, pp. 13-20.

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Pontécoulant, Le Comte Adolphe. *Organographie: Essai sur la Facture Instrumentale.* Paris, 1861, Tome II, pp. 149, 150, 157, 211-215.

Rachor, David. "Les bassons de Charles-Joseph Sax". *Larigot* 66, Bulletin de l'Association des Collectionneurs d'Instruments à Vent, Octobre 2020.

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Location: National Music Museum, Vermillion, SD, USA

Measured 19 April 2021

8 Key: Ab (on large bore), Eb left thumb, F#, 2 wing keys

No; Swallowtail F key touch

No; Two-piece saddle on F key flap and touch

No; Two-hole boot joint system

No; Military bell

No; Bell flare

No; Bell crown

No; Tone hole on bell

Yes; Table on long joint

No; Date; stamped "Facr du Roi"

- Notes:
1. All keys in brass saddles
 2. G, Ab tone hole seats rounded
 3. A well-built, sturdy bassoon
 4. A pin-into-hole system between two parts of key mechanism.
For example, low D key touch and flap
 5. Wing could possibly be not original: no stamp, dimensions are different
 6. **Bell:** 30.9 mm at socket, chokes to 30.5 mm at 165 mm from top, 31 rod at 140 mm from top, at top [Bb exit] 32.2 mm

Standing Height; Bell, long joint, boot	125.5cm
[boot cap not removed]	
Wing and boot	89.5cm

Stamps on: Boot, long joint, bell [not found on wing]

Measurements not included on Data file

Ab tone hole, on large side	12.2mm diameter small 368 from boot socket 14.0mm length vrfd Drilled down straight and over toward large bore
Eb tone hole	9.1mm diameter 120mm from small long joint tenon 4.4mm length
F# tone hole	6.8mm diameter 272mm from boot socket 19.2mm length
Undercutting on long joint	Yes, not a great deal
Boot joint small socket depth	46.5mm
Boot joint large socket depth	46.6mm
Cronin Meas.	320mm vrfd
Wing thickness across E [II] tone hole	41.0mm