

Tin Whistle/Irish Flute Fingering Chart

left thumb	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●	●	●
L3	●	●	●	●	●	○	○	○	○
R1	●	●	●	●	○	●	○	●	●
R2	●	●	○	○	●	●	●	●	○
R3	●	○	●	○	●	●	●	○	●
R4	◐	◐	◐	◐	◐	◐	◐	◐	◐
bell sensor	●	●	●	●	●	●	●	●	●
	D	E	F	F#	G	G#	A	A	A

left thumb	●	●	●	●	●	●	●	●	●
L1	●	●	○	○	○	○	○	○	○
L2	○	○	●	●	●	●	●	○	●
L3	●	●	●	●	●	○	○	●	●
R1	●	●	●	●	○	●	●	●	●
R2	●	●	●	○	○	●	●	●	●
R3	●	●	○	●	●	●	●	●	●
R4	◐	◐	◐	◐	◐	◐	◐	◐	◐
bell sensor	●	●	●	●	●	●	●	●	●
	Bb	B	C	C	C	C	C#	C#	D

○ uncovered

● covered

● no effect on note

◐ If the chromatic version of the tin whistle/Irish flute is selected, this hole flattens any note by a half step

Uilleann Pipes Fingering Chart (chromatic)

* note, the "standard" uilleann pattern is the same except that it doesn't include the fingerings for G# or Bb.

left thumb	●	●	●	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●	●	●	●	●	○
L3	●	●	●	●	●	●	○	○	○	○	○	○
R1	●	●	●	●	●	○	●	●	●	●	○	●
R2	●	●	●	●	○	●	○	●	○	○	●	○
R3	●	●	●	○	●	●	●	●	○	○	●	●
R4	●	●	○	●	●	●	○	●	●	○	○	○
bell sensor	●	○	●	●	●	●	●	●	●	●	●	●
	no sound	D	Eb ("ghost D")	E	F#	G	G#*	A	A	A	A	Bb*

left thumb	●	●	●	●	●	●	●	●	●	●	●	○
L1	●	●	●	●	○	○	○	○	○	○	○	○
L2	○	○	○	○	●	●	●	●	●	●	●	○
L3	●	○	○	○	●	●	●	●	●	●	○	●
R1	●	●	●	○	●	●	○	○	○	○	○	○
R2	○	○	○	○	○	○	○	○	○	○	○	○
R3	○	○	○	○	○	○	○	○	○	○	○	○
R4	○	○	○	○	○	○	○	○	○	○	○	○
bell sensor	○	○	○	○	○	○	○	○	○	○	○	○
	B	B	B	B	C	C#	C	C	C	C	C#	C#

- uncovered
- covered
- no effect on note

Great Highland Bagpipes/Scottish Smallpipes

Fingering Chart

left thumb	●	●	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●	●	○	○	○
L3	●	●	●	●	●	●	●	○	●	●	●
R1	●	●	●	●	●	●	○	●	●	●	●
R2	●	●	●	●	○	○	●	●	○	●	○
R3	●	●	○	○	●	○	●	●	●	●	○
R4	●	○	●	○	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●	●	●
	G	A	Bb	B	C	C#	D	E	F	F#	F#

left thumb	●	●	●	●	●	●	●	●	●	●	○
L1	●	●	○	○	○	○	○	○	○	○	●
L2	○	○	○	●	●	●	●	●	○	●	●
L3	●	○	○	●	●	●	●	○	●	●	●
R1	○	●	●	●	●	●	○	●	●	●	●
R2	●	●	●	●	●	○	●	●	●	●	●
R3	●	●	●	●	○	●	●	●	●	●	●
R4	●	●	○	○	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●	●	●
	F#	F#	G	G	G	G	G	G	G	G#	A

- uncovered
- covered
- no effect on note

Northumbrian Bagpipes Fingering Chart

left thumb	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	○	●
L2	●	●	●	●	●	●	○	●	●
L3	●	●	●	●	●	○	●	●	●
R1	●	●	●	●	○	●	●	●	●
R2	●	●	●	○	●	●	●	●	●
R3	●	●	○	●	●	●	●	●	●
R4	●	○	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●
	no sound	G	A	B	C	D	E	F#	G

- uncovered
- covered
- no effect on note

Note: music is generally written in key of G, but scale actually sounds in key of F (can be changed with the Configuration Tool)

Gaita Fingering Chart

page 1

left thumb	●	●	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●	●	●	●	○
L3	●	●	●	●	●	●	○	○	○	○	●
R1	●	●	●	●	●	●	○	●	●	●	○
R2	●	●	●	●	○	○	●	●	○	○	●
R3	●	●	○	○	●	○	●	○	●	●	●
R4	●	○	●	○	●	●	●	○	●	●	○
bell sensor	●	●	●	●	●	●	●	●	●	●	●
	B	C	C#	D	D#	E	F	F#	G	G	G
											G#

left thumb	●	●	●	●	○	○	○	○	●	○	○	○
L1	●	●	○	○	●	●	○	○	○	●	○	○
L2	○	○	●	●	○	○	●	●	○	●	●	●
L3	●	●	●	○	○	○	○	○	●	●	●	●
R1	●	●	○	●	○	○	●	●	●	●	○	○
R2	●	●	●	●	○	○	●	○	●	●	○	●
R3	●	●	●	●	○	○	●	○	●	●	○	○
R4	●	●	●	●	○	○	●	○	●	●	○	○
bell sensor	●	●	●	●	●	●	●	●	●	●	●	●
	G#	A	A#	A#	A#	A#	A#	A#	B	B	B	B

- uncovered
- covered
- no effect on note, except for accidentals indicated otherwise

(continued)

Gaita Fingering Chart

page 2

left thumb	○	○	○	●	●	●	○	○	○	○
L1	○	○	○	○	○	○	○	○	○	●
L2	●	●	○	●	●	●	●	●	●	●
L3	●	●	○	●	●	●	○	○	○	●
R1	○	○	●	○	○	○	●	●	○	●
R2	●	○	●	●	○	●	○	○	●	●
R3	●	○	●	●	○	○	●	○	●	●
R4	●	●	●	○	●	●	○	●	●	○
bell sensor	●	●	●	●	●	●	●	●	●	●
	B	B	B	C	C	C	C	C	C	C

left thumb	○	○	○	○	○	○	○	○	○	○
L1	○	○	○	●	○	○	●	●	○	●
L2	●	●	●	●	●	○	●	●	●	●
L3	●	●	●	●	○	●	●	●	●	●
R1	○	○	○	●	○	●	●	●	●	●
R2	●	●	●	●	●	●	●	●	●	○
R3	●	●	●	●	●	○	○	○	○	●
R4	●	●	●	○	●	●	●	○	○	●
bell sensor	●	●	●	●	●	●	●	●	●	●
	C	C	C	C	C	C	C#	D	D	D#

- uncovered
- covered
- no effect on note, except for accidentals indicated otherwise

(continued)

Gaita Fingering Chart

page 3

left thumb	○	○	○	○	○	○	○
L1	○	●	●	○	●	●	●
L2	●	●	●	●	●	●	○
L3	●	●	●	●	○	○	●
R1	●	●	○	○	○	●	●
R2	○	○	●	○	●	●	●
R3	●	○	●	○	●	●	●
R4	○	●	●	○	○	●	○
bell sensor	●	●	●	●	●	●	●
	D#	E	F	F	F#	G	G#

left thumb	○	○	○	○	○	○
L1	●	●	●	●	●	●
L2	○	○	○	○	○	○
L3	●	●	○	○	○	○
R1	○	○	●	○	○	●
R2	●	○	○	●	○	○
R3	○	●	○	●	●	○
R4	●	●	○	●	●	○
bell sensor	●	●	●	●	●	●
	G#	G#	A	A	A	A#

- uncovered
- covered
- no effect on note, except for accidentals indicated otherwise

Extended Gaita Fingering Chart

This version is the same as the standard Gaita chart on the previous pages but adds the following fingering to allow playing a third octave.

left thumb	○	○	○	○	○	○	○	○	○
L1	○	○	○	○	○	○	○	○	○
L2	●	●	●	●	●	●	●	●	●
L3	○	●	●	●	●	●	●	●	●
R1	○	●	●	●	●	●	●	○	○
R2	●	●	●	●	●	○	○	○	○
R3	●	●	●	○	○	●	○	○	●
R4	●	●	○	●	○	○	○	●	○
bell sensor	●	●	●	●	●	●	●	●	●
	A#	B	C	C#	D	D#	E	F	F

left thumb	○	○	○	○	○	○	○	○	○
L1	○	○	○	○	○	○	○	○	○
L2	●	●	○	○	○	○	○	○	○
L3	●	○	●	●	●	●	●	●	●
R1	○	●	●	●	●	●	●	●	○
R2	●	○	●	●	●	●	○	○	●
R3	○	○	●	●	○	○	●	○	●
R4	○	○	●	○	●	○	○	○	●
bell sensor	●	●	●	●	●	●	●	●	●
	F	F#	F#	G	G#	A	A#	B	C

- uncovered
- covered
- no effect on note

Native American Flute Fingering Chart

page 1

left thumb	●	●	●	●	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●	●	●	●	●	●	●
L3	●	●	●	●	●	●	●	○	●	○	○	○	○
R1	●	●	●	●	●	○	○	○	●	○	●	●	○
R2	●	●	●	○	○	●	●	○	●	○	●	○	●
R3	●	●	○	●	○	●	○	●	●	○	○	●	●
R4	○	●	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
bell sensor	●	●	●	●	●	●	●	●	●	●	●	●	●
	A	Bb	C	C#	D	D	Eb	Eb	Eb	E	E	E	E

left thumb	●	●	●	●	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	○	●	○	●	●	●
L2	●	●	●	○	○	○	○	●	●	●	○	○	○
L3	○	○	○	●	●	○	○	●	○	○	●	○	○
R1	●	●	○	●	○	●	○	○	○	●	●	●	●
R2	●	○	○	○	●	●	●	●	○	○	○	○	●
R3	●	○	●	●	●	●	●	●	○	○	●	○	○
R4	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
bell sensor	●	●	●	●	●	●	●	●	●	●	●	●	●
	E	F	F	F	F	F	F	F	F#	F#	F#	F#	F#

- uncovered
- covered
- no effect on note
- ⦿ Flattens note by a half step

(continued)

Native American Flute Fingering Chart

page 2

left thumb	●	●	●	●	●	●	●	●	●	●	●	●	●
L1	○	○	○	●	●	●	●	○	○	○	○	●	○
L2	●	●	●	○	○	○	○	●	○	○	○	○	●
L3	●	●	○	●	○	○	○	●	●	●	○	○	○
R1	○	○	○	○	●	○	○	○	●	○	●	○	○
R2	●	○	●	○	○	●	○	○	○	●	●	○	●
R3	○	●	●	○	○	○	●	○	●	●	●	○	○
R4	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
bell sensor	●	●	●	●	●	●	●	●	●	●	●	●	●
	F#	F#	F#	G	G	G	G	G	G	G	G	G#	G#

left thumb	●	●	●	●	●	●	●	●	●	●	●	●	●
L1	○	○	○	○	○	○	○	○	○	○	○	○	○
L2	●	○	○	○	○	○	○	●	○	○	○	○	●
L3	○	●	●	●	○	○	○	○	○	○	○	○	●
R1	○	●	○	○	●	●	○	○	●	○	○	○	●
R2	○	○	●	○	●	○	●	○	○	○	●	○	●
R3	●	○	○	●	○	●	●	○	○	○	○	●	●
R4	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
bell sensor	●	●	●	●	●	●	●	●	●	●	●	●	●
	G#	G#	G#	G#	G#	G#	G#	A	A	A	A	A	Bb

- uncovered
- covered
- no effect on note
- ⦿ Flattens note by a half step

(continued)

Native American Flute Fingering Chart

page 3

left thumb	●	●	●	●	●	●	●	●
L1	○	○	○	○	○	○	○	○
L2	○	●	●	●	○	●	●	●
L3	○	●	●	○	●	●	○	○
R1	○	●	●	●	●	●	●	●
R2	○	●	○	●	●	○	●	○
R3	○	○	●	●	●	○	○	●
R4	◐	◐	◐	◐	◐	◐	◐	◐
bell sensor	●	●	●	●	●	●	●	●
	Bb	B	B	B	B	C	C	C

- uncovered
- covered
- no effect on note
- ◐ Flattens note by a half step

Kaval Fingering Chart

left thumb	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	○	●	●
L2	●	●	●	●	●	●	○	●	●
L3	●	●	●	●	●	○	●	●	●
R1	●	●	●	●	○	●	●	●	●
R2	●	●	●	○	●	●	●	●	●
R3	●	●	○	●	●	●	●	●	●
R4	●	○	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●
	D	E	F	F#	G	G#	A	Bb	B

- uncovered
- covered
- no effect on note

Note: When playing in the second register by overblowing, this instrument plays only one fifth (7 semitones) higher, rather than a full octave higher.

Soprano Recorder Fingering Chart

page 1

left thumb	●	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●	●	●	●
L3	●	○	●	●	●	●	●	●	●	○
R1	●	●	●	●	●	●	○	○	○	●
R2	●	●	●	●	●	○	●	●	○	●
R3	●	●	●	○	○	●	●	○	●	●
R4	●	●	○	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●	●
	C	C#	D	D#	E	F	F#	G	G	G#

left thumb	●	●	●	●	●	●	●	○	
L1	●	●	●	●	○	○	○	○	
L2	●	○	○	○	●	●	○	●	●
L3	○	●	●	○	●	●	○	○	●
R1	●	●	○	●	●	●	○	●	●
R2	●	●	●	●	●	●	○	●	●
R3	●	●	●	●	●	●	○	●	●
R4	●	●	●	●	●	●	○	●	●
bell sensor	●	●	●	●	●	●	●	●	●
	A	Bb	B	B	B	C*	C#	C#	D

- uncovered
- covered
- no effect on note

* As long as L1-R4 are not all open, this will play a C.

Soprano Recorder Fingering Chart

page 2

left thumb	○	○	○	○	○	○	○
L1	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●
L3	●	●	●	●	●	●	○
R1	●	●	●	○	○	○	●
R2	●	●	○	●	●	○	●
R3	○	○	●	●	○	●	●
R4	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●
	D#	E	F	F#	G	G	G#

left thumb	○	○	○	○	○	○	○
L1	●	●	●	●	●	○	●
L2	●	○	○	○	○	○	○
L3	○	●	●	○	○	○	●
R1	●	●	○	○	●	○	●
R2	●	●	●	○	●	○	○
R3	●	○	●	●	●	○	●
R4	●	●	●	●	●	○	○
bell sensor	●	●	●	●	●	●	●
	A	Bb	B	B	C	C#	D

○ uncovered

● covered

● no effect on note

Xiao Fingering Chart

left thumb	●	●	●	●	●	●	●	●	○	○	○
L1	●	●	●	●	●	●	●	○	●	○	●
L2	●	●	●	●	●	●	○	●	●	○	●
L3	●	●	●	●	●	○	●	●	●	○	●
R1	●	●	●	●	○	●	●	●	○	●	●
R2	●	●	●	○	●	●	●	●	●	●	●
R3	●	●	○	●	●	●	●	●	●	●	●
R4	●	○	●	●	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●	●	●
	C	D	E _b	E	F	G	A _b	A	B _b	B	C

- uncovered
- covered
- no effect on note

Saxophone (extended) Fingering Chart

	additional lower notes							First octave →	
left thumb	●	●	●	●	●	●	●	○	○
L1	●	●	●	●	●	○	○	●	●
L2	●	●	●	●	○	●	●	●	●
L3	●	●	○	○	○	○	○	●	●
R1	○	○	○	○	○	○	○	●	●
R2	○	○	○	○	○	○	○	●	●
R3	●	●	●	●	●	●	●	●	●
R4	○	●	○	●	○	○	●	○	●
bell sensor	●	●	●	●	●	●	●	●	●
	G	G#	A	Bb	B	C	C#	D	Eb

left thumb	○	○	○	○	○	○	○	○	○	●
L1	●	●	●	●	●	●	●	○	○	●
L2	●	●	●	●	●	●	○	●	○	●
L3	●	●	●	●	○	○	○	○	○	●
R1	●	○	○	○	○	○	○	○	○	●
R2	○	●	○	○	○	○	○	○	○	●
R3	○	○	○	○	○	○	○	○	○	●
R4	○	○	○	●	○	●	○	○	○	○
bell sensor	●	●	●	●	●	●	●	●	●	●
	F	F#	G	G#	A	Bb	B	C	C#	D

- uncovered
- covered
- no effect on note

The second octave is the same as the first, but with the thumb hole covered. A third octave can be reached by covering the thumb hole and overblowing (overblowing must be selected in the Configuration Tool).

Saxophone (basic) Fingering Chart

left thumb	○	○	○	○	○	○	○
L1	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●
L3	●	●	●	●	●	●	○
R1	●	●	●	●	○	○	●
R2	●	●	●	○	●	○	●
R3	●	●	○	●	●	●	●
R4	○	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●
	D	E ^b	E	F	F [#]	G	A ^b *

left thumb	○	○	○	○	○	○
L1	●	●	●	○	○	○
L2	●	○	○	●	○	●
L3	○	●	●	○	○	●
R1	●	●	●	●	○	●
R2	●	●	●	●	○	●
R3	●	●	●	●	○	●
R4	●	●	●	●	○	●
bell sensor	●	●	●	●	●	●
	A*	B ^b ^	B	C	C [#]	D

- uncovered
- covered
- no effect on note

* A^b requires any two right-hand holes to be covered, otherwise this will play an A.

^ B^b requires any right-hand holes to be covered, otherwise this will play an B.

Trumpet/EVI Fingering Chart

This chart uses the first three fingers of the right hand to represent the three valves on a trumpet, and the first three fingers of the left hand to control octaves and half octaves.

There is a 3 1/2-octave chromatic range. Overblowing and use of the thumb to control register are disabled.

The right fourth finger can be used for pitchbend by enabling it as a vibrato hole in the Configuration Tool and setting vibrato depth as high as is desired.

Low notes up to C:

left thumb								
octave/ half octave	L1							
	L2							
	L3							
valves	R1							
	R2							
	R3							
	R4							
bell sensor								
		F#	G	G#	A	Bb	B	C

- uncovered
- covered
- no effect on note

First half octave

left thumb								
octave/ half octave	L1							
	L2							
	L3							
valves	R1							
	R2							
	R3							
	R4							
bell sensor								
		C#	D	Eb	E	F	F#	G

Second half octave

		●	●	●	●	●
octave/ half octave	L1	●	●	●	●	●
	L2	○	○	○	○	○
	L3	●	●	●	●	●
valves	R1	○	●	●	○	○
	R2	●	●	○	●	○
	R3	●	○	○	○	○
	R4	●	●	●	●	●
bell sensor		●	●	●	●	●
		G#	A	Bb	B	C

The right hand then follows the same pattern as for the first and second half octaves, while the left hand follows this pattern for the remaining half octaves:

L1	●	●	○	○
L2	●	○	●	○
L3	○	○	○	●

Shakuhachi Fingering Chart

left thumb ●

L1 ●

L2 ○

L3 ●

R1 ●

R2 ○

R3 ●

R4 ○

bell sensor ○

This chart uses only the holes shown in black here. The middle finger of each hand remains anchored, and has no effect on the note played. Holes L1, L3, R1, and R3 are used for the four holes on the top of the five-hole shakuhachi.

In the chart below, only these holes that are used for shakuhachi are shown.

left thumb	●	●	●	●	●	○	○
L1	●	●	●	●	○	●	●
L3	●	●	●	○	●	●	●
R1	●	●	○	●	●	●	●
R3	●	○	●	●	●	●	●
	D	F	G	A	C	C#	D

- uncovered
- covered
- no effect on note

Säckpipa Fingering Chart

left thumb	●	●	●	●	●	●	●	○
L1	●	●	●	●	●	●	○	●
L2	●	●	●	●	●	●	○	●
L3	●	●	●	●	●	○	●	●
R1	●	●	●	●	○	●	●	●
R2	●	●	●	○	●	●	●	●
R3	●	●	○	●	●	●	●	●
R4	●	○	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●
	D	E	F#	G#	A	B	C#*	D

- uncovered
- covered
- no effect on note

* If the säckpipa "minor" chart is chosen, the C# becomes a C natural.

Bombarde Fingering Chart

left thumb	●	●	●	●	●	●	●	●	●
L1	●	●	●	●	●	●	●	●	●
L2	●	●	●	●	●	●	●	●	●
L3	●	●	●	●	●	●	○	○	○
R1	●	●	●	●	●	○	●	○	●
R2	●	●	●	○	○	●	●	●	○
R3	●	●	○	●	○	●	●	○	●
R4	●	○	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●
	A	Bb	C	C#	D	Eb	E	F	F

left thumb	●	●	●	●	●	●	●	●	●
L1	●	●	○	○	○	○	○	○	○
L2	○	○	●	●	●	●	●	○	●
L3	●	●	●	●	●	○	○	●	●
R1	●	●	●	●	○	●	●	●	●
R2	●	●	●	○	○	●	●	●	●
R3	●	●	○	●	●	●	●	●	●
R4	●	●	●	●	●	●	●	●	●
bell sensor	●	●	●	●	●	●	●	●	●
	Gb	G	Ab	Ab	Ab	Ab	A	A	Bb

- uncovered
- covered
- no effect on note

Baroque Flute Fingering Chart

left thumb										
L1										
L2										
L3										
R1										
R2										
R3										
bell sensor										
	D	E	F	F#	G	G#	A	A	A	Bb

left thumb										
L1										
L2										
L3										
R1										
R2										
R3										
bell sensor										
	B	C	C	C	C	C#	C#	D	D#	E

- uncovered
- covered
- no effect on note
- This hole sharpens any note by a half step, imitating a D# key