



Vibrato – V1.15/ b1.15

Key features

1. Fully customisable.
2. Available on every Instrument
3. Adjustable on all vibrato notes
4. 0-50 cent deviation range from root note
5. Advanced functionality exclusive to the Blair Digital Chanter

What is Vibrato?

Vibrato is a sound effect that slightly varies the pitch of a note. For bagpipes it can be used to enhance the emotion and expression of a tune particularly in slower pieces.

How to play a vibrato:

Start by sounding a note and at the same time repeatedly play a grace note on the specified finger that will produce the vibrato. There's a finger map below that shows the relevant finger to play the grace note on.

For example play E and at the same time repeatedly play a D grace note. This produces a vibrato effect with note E's pitch being slightly varied. The speed of which the grace note D is also played varies the effect.

Exclusive feature for the BDC

The Blair Digital Chanter features a unique parameter being the ability to fully customizable the amount of vibrato in a range of 0-50 cents, from the root note. This allows;

- the amount of vibrato to be set to your preference on each note.
- a different amount of vibrato set on each note, for each instrument.

Different types of Bagpipes have different frequencies (Great Highland Bagpipes, Smallpipes in different keys, Uilleann, Gaita), therefore the amount of vibrato set for Highland Bagpipes 'High A', maybe overpowering for the amount of vibrato set for High A on the 'F Smallpipes'. With an adjustable vibrato range notes for each instrument can be set to your preferences.

How to set Vibrato on the BDC

Vibrato appears in each instruments menu below PAN.

By default it is set to 'Off'. To activate press the navigation switch to highlight <Vibrato> and toggle the switch to select 'ON'.

For every root note that sounds a vibrato parameter is listed in the <Vibrato> menu starting from Vib B (Vibrato B) through to Vib HA (Vibrato High A).

Default settings have been set, however ALL are adjustable with a deviation range of 0-50cents from the root note.

Finger Map to play vibrato

- High A - triggered by either the D or B finger
- High G – triggered by either the D or B finger
- F - triggered by either the D or B finger
- E - triggered by either the D or B finger
- D - triggered by either B or C finger
- B – triggered by Low A finger