

Shepherd Orchestral Chanter



*Recently endorsed by the world renowned pipe band
“The House of Edgar Shotts and Dykehead Pipe Band”
when they performed with the P Cunningham and A Bain band at
a BBC live concert for the 2006 Hogmany Show*



**At last !
A pipe chanter
that other musicians
will love.**

**The NEW Shepherd
“Orchestral chanter”**

**Pitch and tonality
to work with the
professionals.**

**The
musicians chanter.**

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The “Shepherd Orchestral Chanter” as the name implies is designed to be compatible with other musical instruments and will operate at a pitch of around 440Hz

SETTING UP YOUR INSTRUMENT FOR CONCERT PITCH

*It is necessary to understand how the climatic conditions of the playing environment could have on your tuning.
Good practice is always to “err” for individual notes becoming “sharp”, as this condition can easily be rectified by positioning tape on the upper part of the hole to flatten its pitch.*

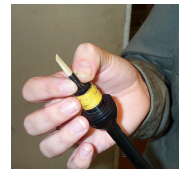
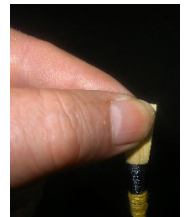
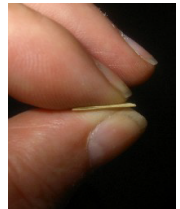
STEP 1

Before you insert the reed into chanter, always manipulate and squeeze the tips.

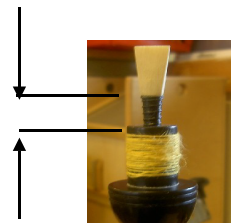
(DO NOT MOISTEN THE REED)

Each time you blow your pipes you can repeat this exercise but employing a less severe squeeze

Ensure the reed is inserted firmly into reed seat (always grasp the reed between thumb and forefinger on the staple).



As a starting datum point the reed should protrude approx. 12--13 mm

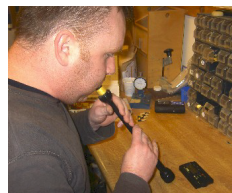


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STEP 2

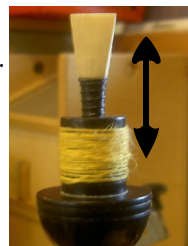
Check the balance of pipe reed by mouth blowing reed with chanter.

Mouth blow continuously low A and High A
If using a tuner attempt to achieve a reading of around
442 Hz



If you fail to have success at this stage try the basic rules, of either raising or lowering the reed, in the chanter.

Note; The high "A" will alter more dramatically than the low "A"

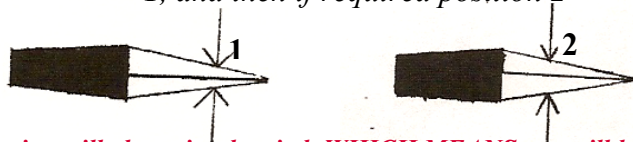


STEP 3

Check the strength of the reed, by mouth blowing
Continuously the sequence of notes
low A, C, E, high A, E, F, high G, high A.
if you fail to produce the second high A at the same pitch as
the first high A you produced, then you can conclude that the
reed strength is on the strong side for you



To make reed easier, give a "hefty" squeeze as shown, first in position 1, and then if required position 2



This operation will also raise the pitch WHICH MEANS you will have to reset the reed as described in Step 2

*If the reed is being stubborn and not responding to your requirements regarding strength. It could mean that you have ordered or received a reed which does not match your perceived strength. Please contact us at
aftersales@shepherd-bagpipes.com
or refer to our reed manipulation booklet which can be printed from
"product support" at
www.shepherd-bagpipes.com*

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When performing with this chanter, it should be remembered that your drone tuning position could be dramatically effected, especially if you have been tuning them to a “higher pitched chanter”.

But it is always a good idea to have the drones tuning at their optimum length.

This can be easily achieved when using the Shepherd SM90 drone reeds (see the instruction leaflet on the SM90 drone)

The approximate tenor length should be 41 cms.

The bass drone will be tuned to the tenor drones, but an approximate position to bring you close to tuning would be two finger spacing on the pin at the bottom joint, and three at the top.



STEP 4

At **your normal pressure** blow the pipes **without the chanter** (cork the chanter stock) with all three drones sounding

The drones with fine tuning should tune at around 440Hz.

In extreme circumstances if a drone stops slightly flick the blade



STEP 5

OCTAVE

A

G

F

E

D

C

B

A

G

Test Blow Bagpipe complete.

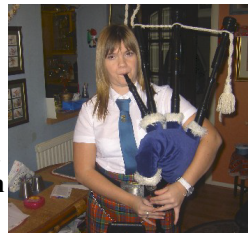
If you followed steps 1-4 successfully it

Should only be necessary to fine tune drones to low A and High A.

The remaining notes can be tuned by using a “Pressure variation technique” as described in

The Booklet

Using “pressure variance” technique to tune the chanter



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