




peeb – your
customisable
electronic
bagpipe chanter.





peeb allows you to play the bagpipes on your mobile phone and tablet. Any time, any place.

peeb places a broad variety of piping traditions in your pocket – wherever you are, whenever you want. The Scottish great Highland bagpipe and its associated practice chanter, the German Hümmechen, the so-called German 'Marktsack', and its associated practice chanter, the pan-European Shepherd's bagpipe, the Bohemian Bock, the Scottish smallpipe and Border pipe as well as the Asturian Gaita – the sound library of **peeb** includes all of them and we continue to add new bagpipe sounds for you.

peeb naturally allows you to play any of these sounds with its associated fingering system. However, you can combine any of these sounds with a fingering system of your choice (open, half-closed and closed) – literally allowing you to dive into the soundscapes of many diverse bagpipe traditions with the fingering-system you already know.



peeb provides you with almost limitless and exciting new options.

- Use of the rear-camera as a thumb hole
- Alternative play-modes (without the camera)
- Calibration of your finger tips on the display
- Switchable to „leftie“-mode
- Access to the complete sound library
- Open, half-closed and closed fingering
- Drones can be muted
- Fully adjustable balance of drones and chanter to your liking



BASIC



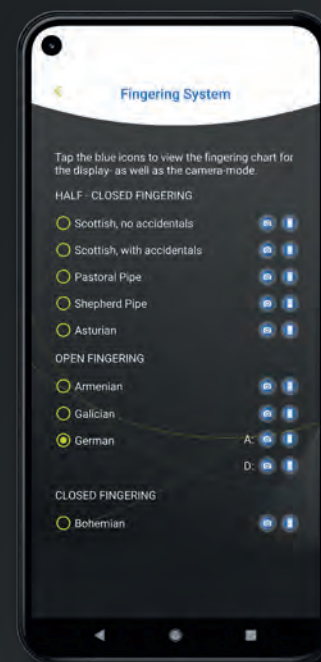
PLAY MODE

Calibrate your finger position on the display of your device with just one touch.



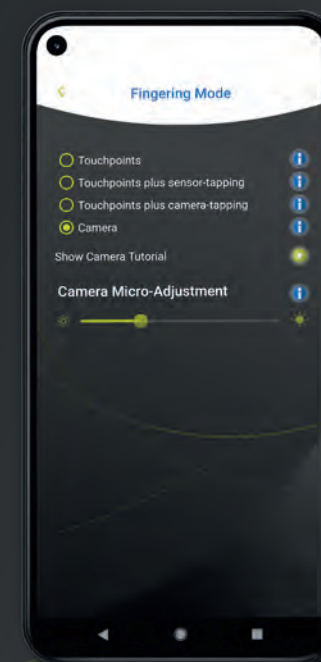
SOUND LIBRARY

You can access all the bagpipe sounds that come with **peeb**.



FINGERING SYSTEM

Variable: open, half-closed and closed.



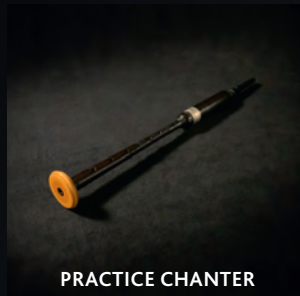
FINGERING MODE

You can choose to play using the display only or incorporate the rear-camera of your device, allowing you to employ the fingering system as you know it from your bagpipe.





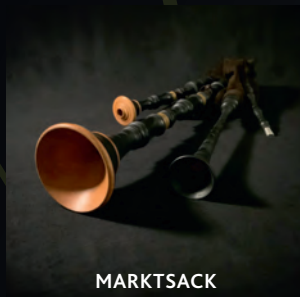
GREAT HIGHLAND BAGPIPE



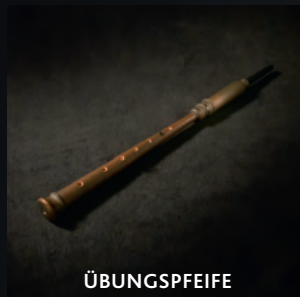
PRACTICE CHANTER



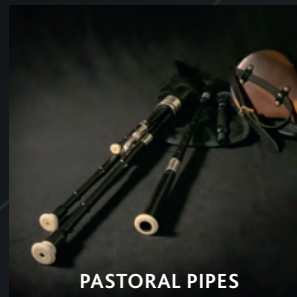
HÜMMELCHEN



MARKTSACK



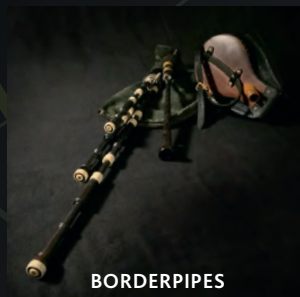
ÜBUNGSPFEIFE



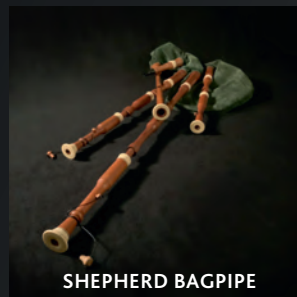
PASTORAL PIPES



SCOTTISH SMALLPIPES



BORDERPIPES



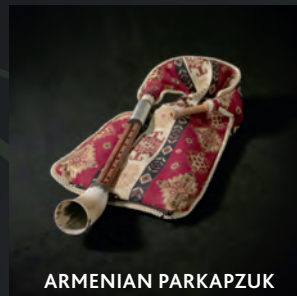
SHEPHERD BAGPIPE



BÖHMISCHER BOCK



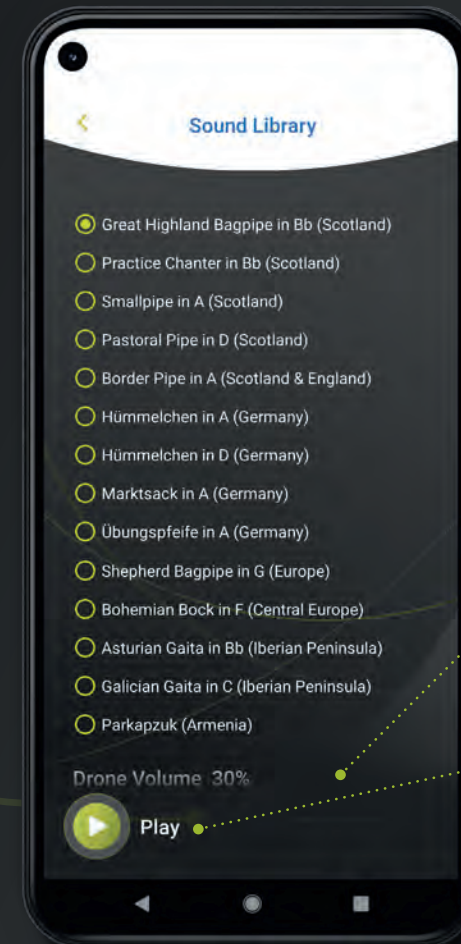
ASTURIAN & GALICIAN
GAITA



ARMENIAN PARKAPZUK

To your liking: combine
any sound with your
preferred fingering

peeb comes with various bagpipe sounds, which you
may all combine with your preferred fingering-system.



Volume of the drones
Design your own sound:
you can adjust the balance
between the chanter and
the drones to your liking.

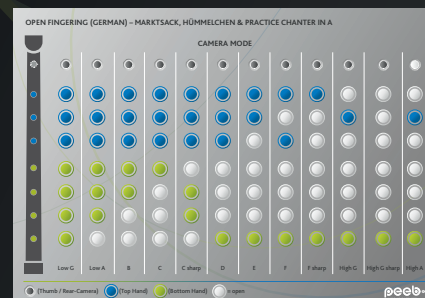
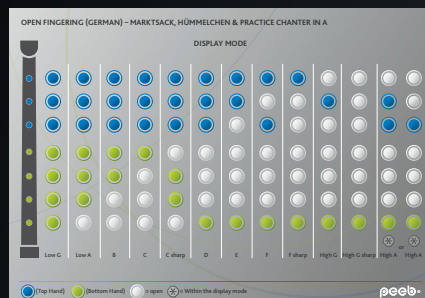
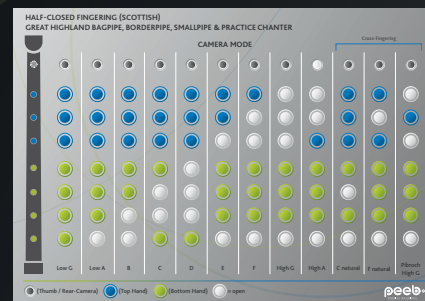
This play-button allows
you to get a first impression
of the sound you selected
above.

Choose your fingering system: **peeb** allows you to apply it to any sound



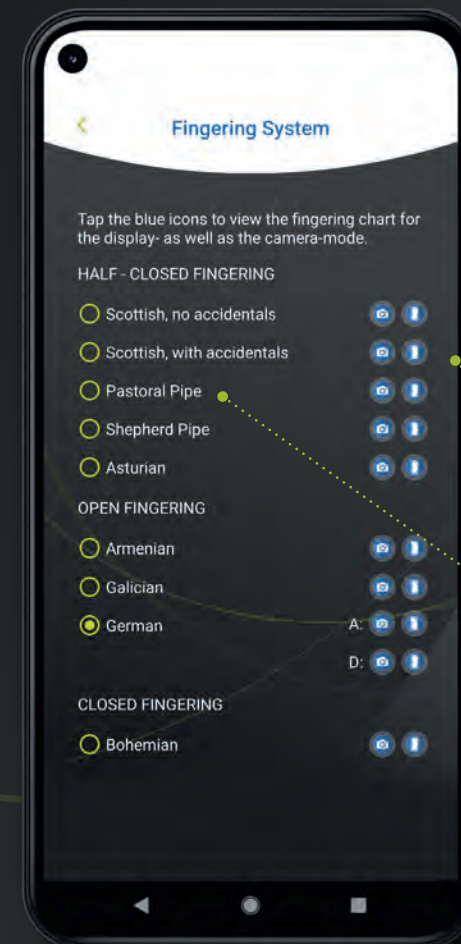
Make it your own. **peeb** provides you with all the options available: you can combine any bagpipe sound with the fingering you want to use (see page 4).

- Open, half-closed and closed fingering available
- Cross-fingering for minor and major, sixths and sevenths
- Fingering charts for the display mode as well as the camera mode for each bagpipe



Display Mode

Camera Mode

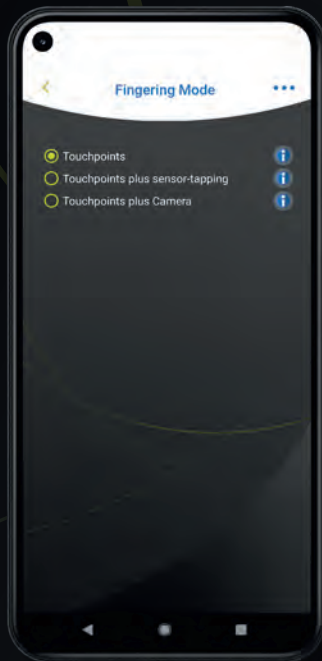


Tap the blue icons to view the fingering chart for the display mode as well as the camera mode.

Select the fingering system you would like to use.

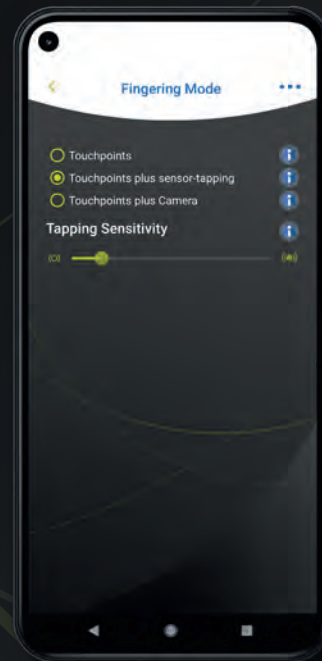
peeb provides you with four different fingering modes

- Via the display of your device
- Via the display of your device plus a tapping function that allows you to separate the octave, using the motion sensor of your device.
- Via the display of your device plus a tapping function that allows you to separate the octave, using the rear-facing camera of your device.
- Via the display of your device plus using a rear-facing camera likewise to the thumb hole of your chanter. This mode mirrors the fingering system and functionality of your bagpipe the most.



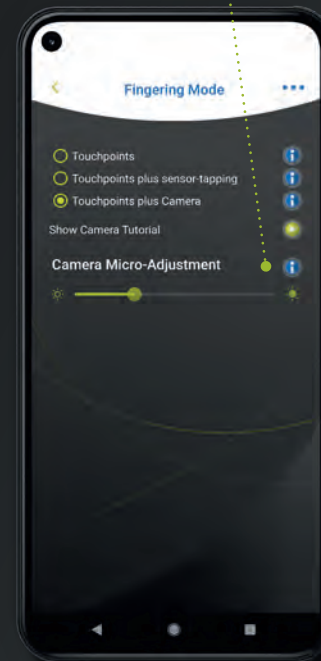
DISPLAY

This is a very accurate mode that works in any environment since it is not dependent on surrounding lighting conditions. Pitch detection exclusively via the touch points on the display.



DISPLAY PLUS TAPPING

In this mode you can additionally tap your device with your thumb to play a gracenote that separates the octave. Pitch detection exclusively via the touch points on the display.



CAMERA

In this mode the rear-facing camera of your device functions likewise to the thumb hole of your bagpipe chanter. This functionality is added into the pitch detection. The fingering of **peeb** in this mode equals that of your actual bagpipe chanter.



ANGLE FOR THE UPPER OCTAVE & VIGOROUSNESS FOR BOTTOM D

To reach the upper octave (i.e. to over-blow) slightly tilt your mobile to the side. When your mobile rests on your leg, **peeb** remains silent (likewise to an actual set of Uilleann Pipes) – allowing you to play staccato. To play a bottom D, just lift your mobile. **These functions are only available for the Uilleann Pipes.**

After you have calibrated the camera in the play mode, you can use this slider to fine-tune its reaction speed.

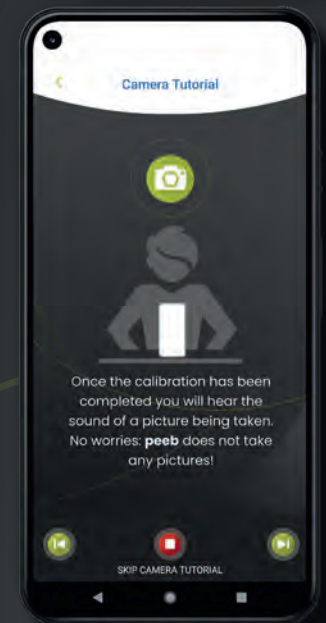
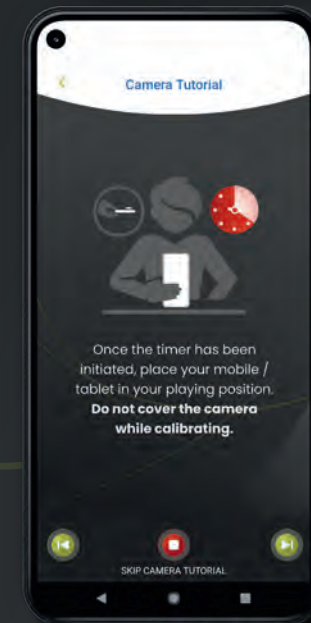
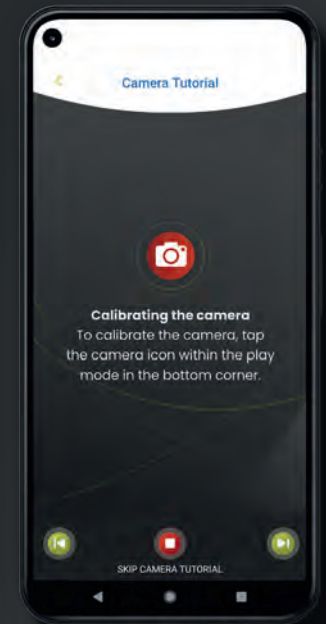
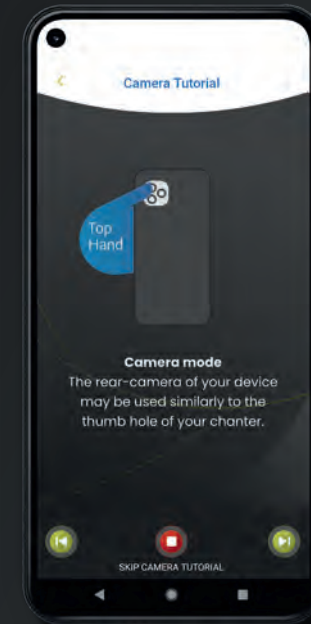
This slider here relates to the threshold at which the upper octave is being triggered.

This slider here relates to the vigorousness required for the bottom D to sound.

Acquaint yourself with **peeb** step by step

Seeing, reading, playing

- Tutorials that show you how to use the various functions of peeb
- Animations that teach you how to play
- Further tips and information





Keep an eye on the display or use a mirror

Especially in the beginning it might be of help to keep an eye on your fingers to check that you actually place them on the allocated touchpoints. However, you should be able to adapt to the overall feeling of playing **peeb** fairly quickly.



Maintain a small gap between each fingertip

peeb allows you to freely calibrate the positioning of each touchpoint. In order for **peeb** to run smoothly, make sure that your fingers separately touch the display. Avoid fingers getting too close to each other to prevent **peeb** from malfunctioning, since it needs to be able to distinguish each touchpoint from one another.



Rest your device whilst playing

For a more relaxed playing experience, add stability by resting your device on e.g. your leg or a table. It also reduces the risk of dropping your device.

Popsocket & Ring Mount

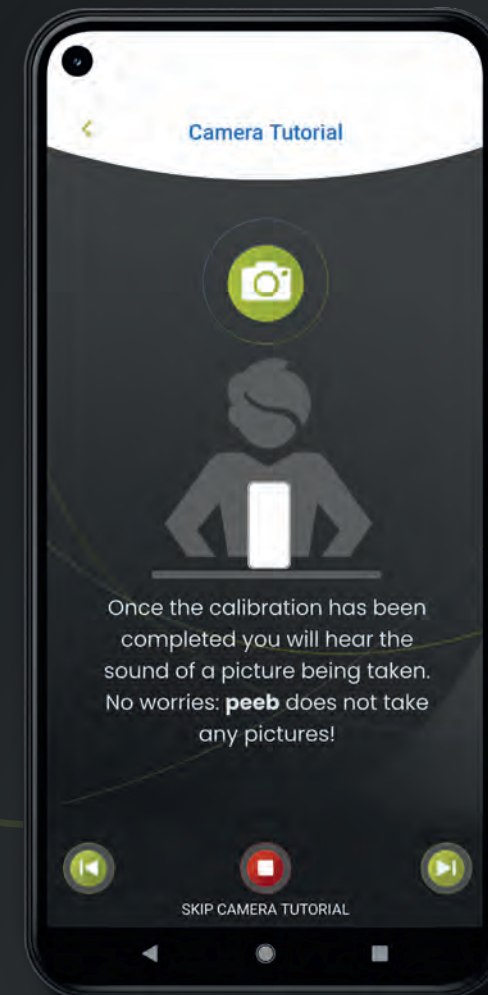
You might want to use a popsocket or Ring-Mount so that you can more easily relax your device in your hand, allowing you to more freely move your fingers on the display.



Tips

peeb brings a broad variety of bagpipe traditions to your smartphone / tablet – right into your pocket. Naturally, some things differ from the actual instruments.

Within the app as well as on our website www.peeb-bagpipes.com we provide you with some tips and tricks for using **peeb**.



peeb Symbol-Glossary



The P-button takes you into the settings of **peeb**.



Before you can use the camera as a virtual thumb hole you need to calibrate it using this button.



Once the icon appears in green colour the calibration process has been done. You can always repeat it or fine-tune the camera settings in the settings under 'fingering mode'.



If you want to recalibrate the touchpoints tap the red padlock.



The calibration mode for the touchpoints is enabled.



This play-button allows you to hear the sound you selected or to start a tutorial.



In this section you can choose the fingering system you want to apply.



This section allows you to choose a fingering mode, e.g. using the display only for playing **peeb**.



Access all of the sounds that come with **peeb** in the settings via this button.



Here you can adjust **peeb** further to your needs, e.g. swapping into the 'left-handed' mode.



Tap the blue button for further information.



This button shows you the fingering chart for the display mode associated with the corresponding type of bagpipe.



This button shows you the fingering chart for the camera mode associated with the corresponding type of bagpipe.



Use this button to abort a tutorial.



This button takes you to the following slide.



This button takes you to the previous slide.



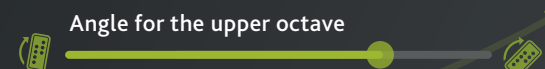
Camera Settings

This slider allows you to fine-tune the reaction speed of the camera.



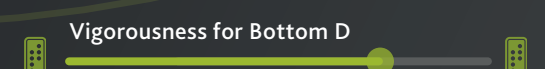
Drone Volume

This slider allows you to adjust the volume of the drone section.



Angle for the upper octave

This slider here relates to the threshold at which the upper octave is being triggered.



Vigorousness for Bottom D

This slider here relates to the vigorousness required for the bottom D to sound.

These functions are only available for the Uilleann Pipes



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