



# Shakmat Bard Quartet Firmware v1.1 Add-ons

## Editing Scales For All Harmonies

To add or remove a note to all harmonies of a specific channel, hold the channel's button while you select or deselect the note.

## Sample & Hold

It is possible to choose between two different behaviors for the Gate input. In the Option menu, press the C button on the keyboard to switch between Track & Hold (default, light off) and Sample & Hold (light on). In Sample & Hold, the Gate input reacts to rising edges.

# Root Note

You can transpose a scale by semitones, per channel, per harmony. To enter this Root Note edit menu, press the  $\mu$ Tune and ARPG buttons together while in the Scale edit menu. The buttons start blinking alternatively, which means you can set the root using the keyboard buttons.

To apply the same root note on all harmonies of a channel, hold the channel's button while setting the root note. Grouped channels will have the same root note transposition.

To exit the Root Note edit menu, press the  $\mu$ Tune and ARPG buttons together.

# Tuning Mode

In Tuning Mode, the Bard Quartet outputs a precise 0v, which helps you tune your VCOs.

To activate this mode, hold the Edit button for 2 seconds while in the Scale edit menu. The Edit and keyboard C buttons start blinking quickly and all channel buttons turn on.

To exit, press the Edit button.

# Expanding

The new v1.1 firmware also works on the Bard Quartet expander.