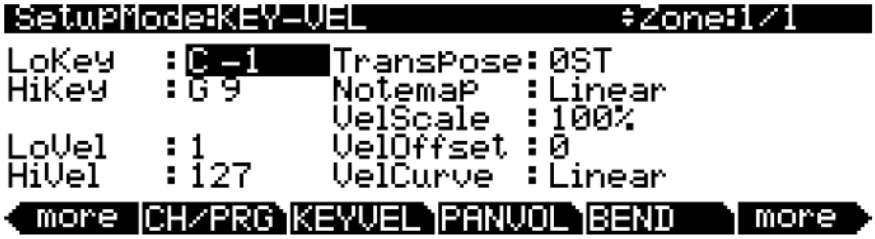
The Key/Velocity (KEY-VEL) Page

The Key/Velocity page allows you to set key range, velocity range, transposition, and Note Maps for each zone.

Note: MIDI velocity of notes played on the PC3 keyboard are first affected by any Velocity Scale, Offset, and Curve settings made on each zone's KEY-VEL page. The resulting velocity is then affected by any Vel Map settings made on the Master Mode MAPS page (see page 11-4.) Also, MIDI velocities sent to the USB or MIDI out port are first affected as explained above, and then affected by settings on the MIDI mode Transmit page (see page 10-1.) On each of the pages mentioned above, look at the MIDI signal flow chart to see which velocity maps can affect your velocities depending on which MIDI Sources, MIDI Destinations and operating mode that you are using.



Parameter	Range of Values	Default
Low Key	C -1 to G9	C -1
High Key	C -1 to G9	G9
Transpose	-128 to +127 Semitones	0-
Note Map	Note Map List	Linear
Low Velocity	1 to 127	1
High Velocity	1 to 127	127
Velocity Scale	± 300%	100%
Velocity Offset	-128 to +127	0
Velocity Curve	Velocity Curve List (see *Velocity Curve (VelCurve)* on page 7-14)	Linear

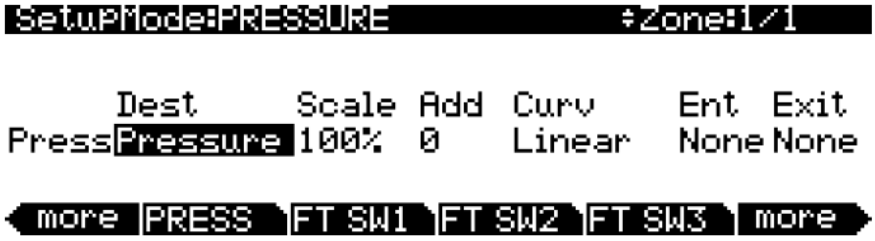
The Pressure (PRESS) Page

The PC3 features mono pressure, commonly called aftertouch on other keyboards.

A word about pressure: Key Range in a zone does *not* define which notes will generate pressure in that zone. If pressure is enabled in a zone, playing with aftertouch *anywhere* on the keyboard will produce data. For example, if Zone 1's Key Range is **C3–C5** and you play C2 and push down on the note, pressure messages will be sent from Zone 1. As with any other physical controller, however, you can disable pressure in any zone, or scale it or offset it differently in the various zones. It might help to think of pressure as an extra wheel—wheels operate in a zone regardless of Key Range, and so does pressure.

The PRESS page parameters are described in *Continuous Controller Parameters* on page 7-29.

Note: MIDI pressure generated on the PC3 keyboard is first affected by any Pressure Scale, Offset, and Curve settings made on each zone's PRESSURE page. The resulting pressure values are then affected by any Press Map settings made on the Master Mode MAPS page (see page 11-6.) Also, MIDI pressure messages sent to the USB or MIDI out port are first affected as explained above, and then affected by settings on the MIDI mode Transmit page (see page 10-1.) On each of the pages mentioned above, look at the MIDI signal flow chart to see which pressure maps can affect your velocities depending on which MIDI Sources, MIDI Destinations and operating mode that you are using.



Parameter	Range of Values	Default
Destination	Control Destination List	MPress
Scale	± 300%	100%
Add	-128 to +127	0
Curve	Linear, Compress, Expand	Linear
Entry Value	None, 0 to 127	None
Exit Value	None, 0 to 127	None