

CROSSFADE LOOPING

A new feature, linear crossfade looping can create virtually seamless loops. Basically, it smooths out the differences between the samples near the loop points. Crossfading modifies the sample memory by mixing ranges of the sample with itself. It is therefore not reversible unless the sound has already been saved on disk.

To perform a crossfade loop:

1. Edit either the sustain or release loop as well as you can. Be sure to use INC/DEC at least once at both points, so that zero-crossings or zero-slopes are located. Save to disk and verify.
2. Select LOOP MODE. The loop that will be crossfaded will be the last one (sustain or release) that was edited.
3. Press EXECUTE.

During processing, a "-" appears in the display.

4. If you don't like the result, re-load the sound (using LOAD ONE), try different loop points, and repeat the crossfade.

In general, a longer crossfade loop gives better sound. And this function automatically takes the largest crossfade loop that it can. However, if you want to shorten the crossfade range you can do this by using the following somewhat esoteric information. To prevent overlap, the size of the crossfade is limited by the least of the following three factors a) the difference between the playback start and loop start points, b) the difference between the loop end point and playback end point, and c) the distance between the loop points, divided by two. So, you can artificially shorten the crossfade by temporarily lowering the end point towards the loop end, doing the crossfade, then moving the end point back out.

KEYBOARD OUTPUT IN MODE 4

Prophet 2002 users can ignore this. In the previous software, the Prophet 2000 would not transmit from the keyboard when operating in MIDI Mode 4. With the Plus, it does transmit local keyboard events on the selected base channel.

MISCELLANEOUS

The implementation of MIDI Second Release Pedal has been adjusted to match other manufacturer's Hold Pedal.

In previous software, a bug prevented sound 8 from being heard under BUILD MAP. This has been corrected.

Previous software erroneously echoed received Program Selects. This has been stopped.