

VERSION 07.20.08

The first update in four months, this version has many new features, based on customer feedback:

- **Search:** Now you can search the catalogs for patterns and quilts by entering a "search term". The search term can be a word, word fragment or a combination of more of these, separated by space. Those patterns/quilts that have the search term in their name will be copied into a catalog named "Search Results". Note that the patterns are copied, not moved; the original items remain in their original catalogs. The Search Results will retain its content until a new search is performed. You can use the Search Results just like any other catalog. Note that deleting the items in Search Results will not affect the original copies.

- **Pause Marker in Sew Quilt:** You can set a marker along the width of the quilt using the [Clip/Mark] feature in Sew Quilt. A target sign along the pause marker shows the actual "pause" point of the pattern. When sewing, the machine will stop when reaches this point, offering Clip/Mark, Realign and Restart options.

You can use the pause marker for several purposes:

- Clipping: Set it to a few inches before the edge of the quilt. When the machine stops, clip the side of the pattern to match the edge of the fabric.
- Realigning: When stitching very dense, intricate patterns, you can compensate for fabric distortion by realigning "on the fly". Set the pause marker to the first spot where you want to realign, perform the realignment when the machine stops and set the marker to the next desired realign point.
- Restarting: You can skip portions of the patterns by restarting at a point that is different from the pause point.

- **Snapping in Line Pattern Mode:** All the snap points of the existing patterns and the currently created line pattern are displayed. If the needle gets within 1/8" of a snap point, a circle appears around the point, and the pattern line detaches from the needle position and snaps to the point. This feature makes creating continuous curves or other connecting line patterns easier. You can also snap connecting line patterns between existing patterns using this feature.

- **Actual Scale Percentage Display in Modify:** The automatic fitting of a block pattern changes the size of the pattern from the saved scale to the one that fits the block, even if you disable the rotation and flipping during fitting (see Utilities -> Preferences). Now the scale percentage shows how much the pattern was enlarged/reduced relative to its saved size.

You can use this feature for several purposes:

- Overriding the actual scale by entering 100% will show you the pattern "as designed".

- If you want to combine two patterns that were individually placed in a block, just remember the actual scale percentage of the first one, and set the same number for the second pattern. This way they will retain their size ratio while keeping the best fitting size of the first pattern.

- **Leaving Sew Quilt for Utilities:** This version allows you to interrupt the stitching to perform some utilities, e.g. cleaning rollers, changing preferences, readjusting motor engagement strengths, even displaying/printing patterns. A new [Utilities] button was added to the Edit/Sew Quilt screen to provide shortcut to the utilities. When you touch [Pause] during sewing and use the [Back] button, you will need to answer questions whether you want to save the current needle position and stitching sequence. If you answer "yes" to both, the stitching will continue from the same spot after you used the [Utilities] shortcut button. Note that the actual needle position and stitching sequence will be erased if you select any pattern or block editing function from the Edit/Sew Quilt menu.

- **Low Battery Warning/Stop:** The previous program versions did not provide safeguards when the battery was fully discharged during stitching. This caused the tablet to turn off, the motors to stop and the machine to stitch at the same spot until the operator noticed the malfunction and stopped the stitching.

This version shows a warning message before the stitching starts, if the AC adapter is not plugged in. Even if the adapter is plugged in, but the battery charge is too low to allow proper operation, the stitching will be stopped and a message will be displayed asking you to wait until the battery is charged above 5%.

- **Stitch Overrun Avoidance:** At the end of a pattern or before jump stitches, the IQ "pushes" the stop stitching button at the same time when the motors are stopped. However, some quilting machines keep coasting after the stop button is pushed, causing stitch pile-up and bobbin thread breakage. We added a new setup parameter to Preferences: the Needle Stop Distance determines how far before the motor stopping location should the stitching be stopped. This parameter will be different from machine to machine and should be determined by trial and error: starting with zero and increasing the distance by 0.1"-0.2" steps until the stitch pile-up decreases to one-two stitches at the stop.

- **Programmable Warning Beep Duration:** Now you can set the warning beep duration between 0 (beep off) and 30 seconds, or make it continuous (one step above the 30-second setting).

OTHER CHANGES & DEBUGGING:

- Bolder crosshair lines to make them more distinguishable from the pattern/block lines.
- Finer resolution in selecting the split point in Split.
- Interconnecting line preview in Combine Patterns (purple line), similarly to Stitching Sequence.
- Fixed the bug in Split that occasionally caused the program to restart.
- Fixed the bug that did not allow splitting line patterns.