

## Revision 1.1 - New Features

### Customize your own menu

Now you can customize a favorite stitch menu, saving your own personal settings for a stitch. This new menu is called "My Stitches" (U menu) and is shown on the Color Touch Screen with a heart symbol.

On "My Stitches" you can save adjustments made in the ADJUST menu (length, width, elongation and mirroring) and settings made in the SET menu (tension, balance and presser foot pressure).

### Save stitches

To save your favorite stitch/setting, go to the SET menu and select Save. The U menu will pop-up. Touch the desired position for your stitch.

When there are no free positions available or if you want to replace a stitch, touch an occupied position and the stitch will be replaced by the new one.

### Delete stitches

To delete a stitch from the U menu, select the stitch then access the SET menu. Press Del and the active stitch will be deleted. The next stitch will be selected instead (You can see the selected stitch to the left on the screen).

You can repeat the procedure until all stitches are deleted. When the U menu is empty, straight stitch (A02) will be selected automatically.

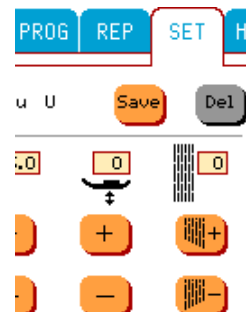
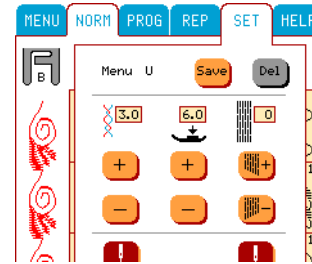
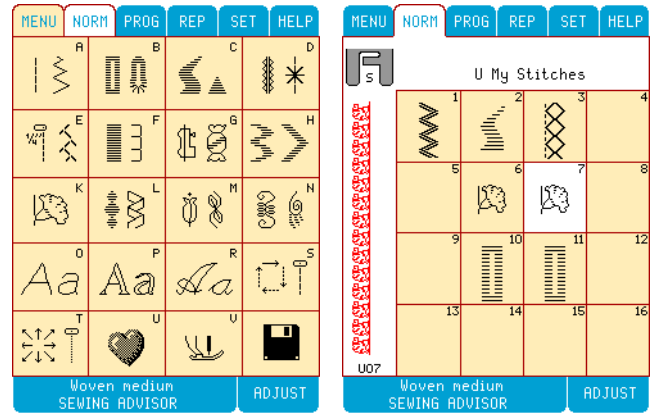
### Special Stitches, V menu

For free motion sewing, darning, quilting and embroidery select V01, straight stitch or V02, zigzag. Lower the feed teeth and snap on the R foot or one of the optional free motion feet.

When free motion (free hand) sewing at slow speed (less than 200 rpm) the presser foot moves up and down. The foot is down when the needle is down to hold the fabric in place while the stitch is formed. The foot is raised with the needle so the fabric can be moved without bending the needle.

At faster sewing speeds (over 200 rpm) the foot stays in the glide (up) position so the fabric can be moved easily for free motion sewing.

The height of the pivot position is saved instead of the presser foot pressure when using Save in the SET menu.



## ADJUST/SET changes

When a setting in the ADJUST or SET menu has been changed, it is indicated by a bold red frame around the new number.

## SET menu

### Load and Save

The load button is removed, the Save button is used to save settings on the U-menu (My stitches). The Del button is used to delete stitches from the U-menu.

### SET, HELP, ADJUST

The SET, HELP and ADJUST menus can be selected at any time. When a selected menu pops up, the previous menu will close.

### Calibration of the Color Touch Screen

To synchronize the touch panel with the symbols on the Color Touch Screen, bring up the SET menu, touch more to bring up sub menu three.

Select "Color Touch Screen adjust" and the Calibration screen appears.



1. Touch in the center of cross 1 (the upper left corner of the screen). This is best done with a pointed but not sharp object (for instance with the blunt end of a sewing machine needle). When the cross changes from black to green the first point is set.
2. Touch in the center of cross 2 (lower right corner of the screen) to set the second point. Touch Save to store the new setting.

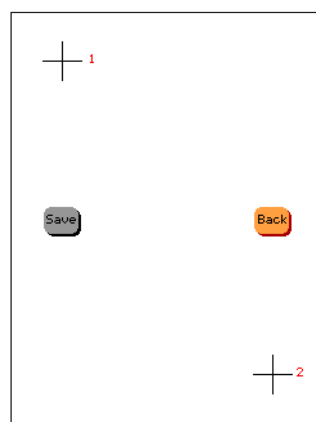
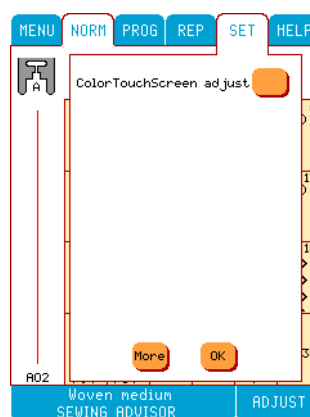
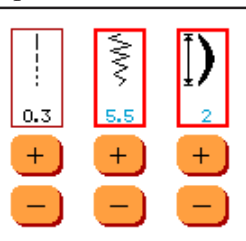
The calibration is now completed.

You can always use the "Back" icon to leave the Calibration screen without saving any changes.

## Programming

When programming (built in stitches and/or embroidery) the cursor advances automatically to the next position.

If you want to adjust stitches, you can move the cursor back and forth in a programmed sequence using the   icons. A stitch is adjustable when the cursor is positioned underneath it (the stitch is highlighted in green). The last programmed stitch can be adjusted even though the cursor is positioned after the stitch.



## Embroidery

### Built-in stitches in the hoop

Sew built in stitches (except stitches from B, S, U and V menus) within the hoop. Also combinations from memories M1-M15 can be sewn.


Use NORM, PROG, and REP for built in stitches in embroidery mode. The stitch number and memory number for the built in stitches are shown above the stitch area.


The Designer I will stop automatically when the sewn stitches reach the edge of the hoop. If a stitch is parallel to an edge but too close, the touch screen will display only the stitches that can be sewn out.

### How to sew built-in stitches

To sew, select a stitch or a stitch program. To access the memories, touch the Load icon (in REP), and select desired memory.

Use the positioning arrows to position

the starting point. The starting point  and sewing direction will be displayed on the Color Touch Screen.


To change stitch direction, stop sewing, touch ADJUST, touch the rotation icon . Touch

 to see the stitch direction displayed.

This feature makes it easy to stitch a beautiful frame of stitches around an embroidery.

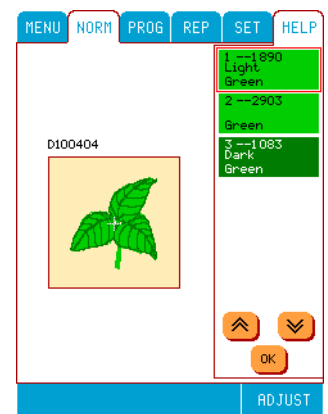
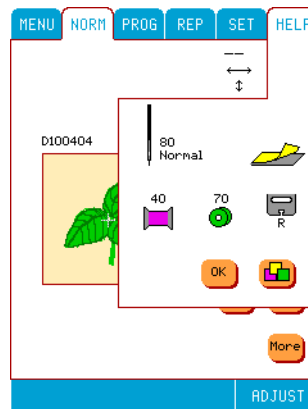
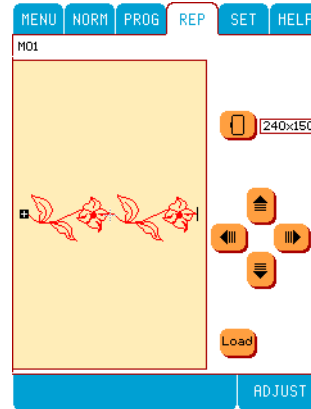
### HELP menu - View colors

The new view color icon appears on the HELP

menu . It is grey when not active. When it is colored and active, touch the icon to view the colors in an embroidery. The menu shows color number, stitch count and color name. The current color is highlighted with a red frame. If the embroidery disk has color chart numbers included those will be shown instead of color names.

The color menu will stay open when the Designer I is sewing. Close the color menu by

touching .



## New color on icons

When rotating an embroidery, the rotation icon becomes brown with a white symbol. Also the corner test (check size and placement) icon turns brown when touched.

## Cursor

When embroidering, a + cursor indicates the needle position in the embroidery. The + cursor steps through the embroidery when sewing or when stepping through stitches or colors.

## FIX

Touch FIX in embroidery to baste an outline around the embroidery area. This is helpful when embroidering on fabrics that should not be hooped to tightly. The FIX function can also be used to baste fabric to the stabilizer. This basting also indicates placement of embroidery.

## Memories erased

When upgrading the Designer I with revision 1.1 all memories 1-15 will be erased.



Rotation icon when activated



Corner test icon when activated



## Other Features

### 4-way stitches

Depending on which stitch you are using, the corners may be irregular if changing sewing direction without completing the stitch first.



To attain beautiful corners when sewing press STOP before changing sewing direction. This will complete the current stitch before changing direction. Another alternative is to change the sewing direction while sewing.

## Buttonholes

### Buttonhole balance



To balance the stitch density of the right buttonhole column to the left, when a buttonhole is selected, touch the SET menu tab. The balance icon is now a buttonhole.

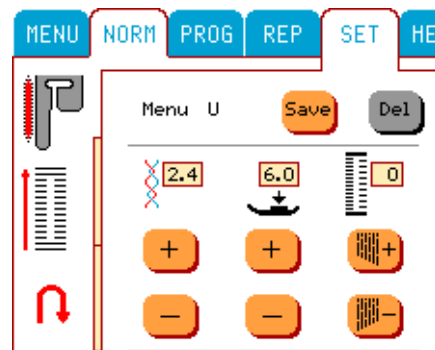
**Note:** Only the right side stitch column will be adjusted. Balance the right stitch column to be the same as the left stitch column.

 will make the stitches in the right column closer together.  will make the stitches further apart.

The setting will be retained until the Designer I is turned off, unless you save the settings on the U-menu.

### Buttonhole Density

To adjust the density of the buttonhole, touch ADJUST. Increase stitch length  to make stitch columns less dense. Decrease stitch length  to make stitch columns more dense. Both columns will be adjusted.



## Embroidery - threading

### Vertical spool pin and felt spool pad




When sewing an embroidery, place the spool pin in its vertical position, and place a felt pad under the spool. This is to prevent the thread from reeling off too fast.

If you place a thread net over the spool, you can embroider with the spool pin in its horizontal position. Make sure that the thread reels off counter clockwise.

### Thread cutting

When changing from one thread to another, it is best to cut the long "jump" stitches that are created when the hoop is moving. This will make the thread cutting easier when the embroidery is finished.

### To move the hoop forward for easy cutting

1. Press . The hoop moves towards you.
2. Cut the threads.
3. Press  again and the hoop moves back to its ready position.
4. Press  to resume the embroidery.

