

### **E Series Compact Machine LCD Instructions**

#### **Load a Design Using FDD (Floppy Disk), USB, CF Card or Serial Connection**

1. Insert the disk in the Floppy Drive or attach USB Drive, CF Card, etc.
2. Press the **F2** (INPUT) button
3. Use the arrow buttons to highlight FDD, USB, CF Card or Serial Connection
4. Press SET - the display will list the designs
5. Use the arrow buttons to highlight the desired design
6. Press SET to select the design
7. Press the SPEED Up/Down buttons to select a room other than what is displayed
8. Press **F3** (COPY)
9. Hit ESC key to Exit Menu
10. The design will now be displayed on the screen in gray

#### **Load a Design From the Machine Memory**

1. Press the **F1** (EMBCALL) button
2. Use the arrow buttons to highlight desired design
3. Press SET. Four options appear:

F1 (DELETE) : This deletes the selected design out of the machine memory  
F2 (COPY) : Copy design to first available room  
F3 (EXPORT) : Send design to Floppy or USB  
F4 (SELECT) : This is to select the highlighted design

4. Press the **F4** (SELECT) button
5. Design will now be displayed on the screen

#### **Load a Design After Erasing All Designs From the Machine Memory**

1. Press the **F2** (INPUT) button
2. Scroll to desired input method using the arrow buttons
3. Hit SET
4. Highlight the desired design from the list using the arrow buttons
5. Hit SET. The display will show first available room. To select a different location, use the Speed Up/Down arrows.
6. Hit **F3** (COPY)
7. To copy other designs, repeat steps 4 to 6
8. Hit ESC button to Exit menu

## Set the Design Orientation (Rotation) and Design Colors

1. Hit the **F3** SETTING button
2. Using the arrow buttons, scroll to BASIC SETTING
3. Hit SET
4. Scroll through the menu to ANGLE
5. Hit SET
6. Enter the angle you wish to sew the design. "0" sews the design upright and "180" sews the design upside down.
7. Hit SET
8. Hit ESC to exit the BASIC SETTING menu
9. Use the arrow buttons to scroll to NEEDLE SETTING
10. Hit SET
11. Hit the Control Panel numbers to enter the thread color (needle) desired
12. When finished, hit **F6** (OK)  
NOTE: At any time you wish to exit this menu after either setting the needle colors or the design orientation, hit ESC button TWICE.

## Trace the Design

1. Once the design is loaded, it is necessary to trace the design to make sure it will fit in the hoop
2. Hit **F5** (READY)
3. Using the arrow buttons, scroll to desired trace method
4. Hit SET button
5. Hit **F2** (FRAME) button to trace
6. Hit ESC button twice to completely exit Trace menu options

### TRACE TYPES:

**Gauge:** Outside Design Perimeter with an Edge Buffer

**Exclude:** Exact Design Trace of Each Section

**Fastview:** Redraw of the Design on the Screen

F1 (Start) : Displays the sewing order

F2 (Stop) : Stops the design redraw

F3 (Fast/Slow) : Screen Redraw Speed

Slow – One stitch at a time

Fast – Stitches or Colors. Use the arrow keys to select by stitch count or color either forward or backward.

F4 (Restart)

**Trace:** Traces a box on the screen of the design's outermost perimeter. A trace picture will NOT appear on the screen for this option. Hit **F1** (START) to trace or **F2** (CANCEL).

**NOTE:** When tracing the design, a laser light will shine on the sewing area showing the placement of the design. Mesa recommends a margin of 1/4" to 3/8" clearance all the way around the design for hoop clearance.

7. If the design centering is okay, press ESC to exit the menu
8. Hit START to sew the design
9. If the design needs to be re-centered, hit the arrow buttons to adjust the design location then repeat #2 to #6.
10. Press START to sew the design

### **Delete a Design From Machine Memory**

1. Press the **F1** (EMBCALL) button
2. Use the arrow buttons to scroll to the design you wish to delete
3. Press SET
4. Press **F1** (DELETE)
5. A “Do You Want To Delete” confirmation message will appear
6. Press **F1** (YES) to confirm deletion or **F2** (NO) to cancel
7. Repeat steps 2 to 5 if you wish to delete additional designs

**NOTE:** To delete all the designs in the memory at once, see the steps below for clearing all the designs from memory.

### **Delete ALL Designs From the Machine Memory**

1. Press the **F4** (TOOLS) button
2. Use the arrow buttons to scroll to MACHINE
3. Press SET
4. Use the arrow buttons to scroll to Memory Initial
5. Press SET
6. Memory Initial confirmation message appears
7. To erase all designs, hit **F1** (YES) or **F2** (NO)
8. All designs will now be erased from the machine memory and the SWF logo will appear on the screen

### **Copy a Design From Machine Memory to Diskette or USB Media**

1. Hit **F1** (EMBCALL)
2. Use arrow keys to select design
3. Press SET
4. Insert media into the machine
5. Press **F3** (EXPORT)
6. An FDD or USB message appears. Hit **F1** (FDD) or **F2** (USB)
7. Save Method Select message appears
8. Hit **F1** (SWF) or **F2** (T CODE). **F2** (T CODE) is Tajima format and is preferred.
9. Design will be copied onto media. Screen will display all embroidery files on the media.

### **Manual Thread Trimming**

1. Stop the machine.
2. Press the **F4** (TOOLS) button
3. Using the arrow buttons, scroll down to MANUAL TRIM
4. Hit SET
5. A confirmation screen will appear with the message: Do You Want To Trim?
6. Hit **F1** (YES) or **F2** (NO)

## **Change the Needle Color While Sewing**

1. Stop the machine by hitting the STOP button
2. Trim the current thread color by following the steps outlined above
3. Using the number pad, hit the new needle number you wish to use
4. Hit the CL button on the control panel to confirm the change made
5. Hit START to continue sewing with the new needle color

## **Set the Machine for Cap Embroidery or Flat Embroidery**

1. Press **F3** (SETTING)
2. Use the arrow buttons to select M/C PARAMETER SETTING
3. Press SET
4. Press **F2** (NEXT)
5. Using the arrow buttons, scroll down to #11 FRAME SETTINGS
6. Press SET
7. Press 0 for Flats or 1 for Caps on the Control Panel
8. Press SET
9. Press ESC two times to return to the main screen

## **Using the Float function**

1. Stop the machine.
2. Press the **F5** (FLOAT) button
3. Using the up/down arrow buttons only, scroll to the desired float number or color
4. Hit the number or color bar (+1, +100, +1000, +10,000 or +COLOR) to advance the design forward through the design or (-1, -100, -1000, -10,000 or -COLOR) to float backward through the design.
5. Hit SET each time to advance through the design by the selected number or color
6. Hit ESC to exit

## **Move the Frame During Embroidery**

1. Stop the machine
2. Use the arrow buttons to move the frame out for easier access for your needs (e.g. picking out loose threads, placing an appliqué, etc.)
3. Press the **F6** (FRAME) button
4. On the menu that appears, scroll to FRAME and hit SET
5. Three options appear:

Data Origin: The last memorized stitch of the design

Design Origin: The beginning of the design

Power Origin: Use this menu if there was a power surge or power outage

7. To return to the last sewn area, scroll to DATA ORIGIN
8. Hit SET then hit START

NOTE: The FRAME function does not appear in the machine menu until AFTER a design has been in the process of being sewn

### **To Back Up After a Thread Break**

Press and hold the STOP button to back up one stitch at a time. When continuously holding the STOP button for about 10 – 20 stitches, release your finger and the machine will automatically continue going backwards through the design until you hit STOP again.

### **Cancel the Current Design and Return to the Design Origin**

1. Stop the machine
2. Press the **F1** (EMBCALL) button
3. A message will appear: Do You Want To Cancel Dataset?
4. Hit **F1** (YES) or **F2** (NO)
5. To return to the origin of the design, hit the ORG button
6. A message will appear: Return To Design Origin?
7. Hit **F1** (YES) or **F2** (NO)