

Sew at Home

OnDemand Classes

Education by Baby Lock & Designer's Gallery

Interactive Embroidery - Celtic

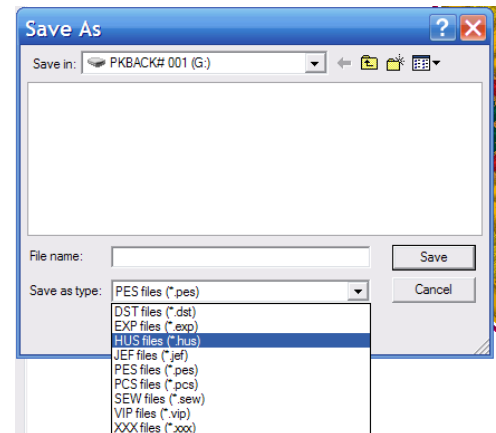
I. Frequently Asked Questions

A. What is Interactive Embroidery?

1. Interactive Embroidery packs are design collections.
 - a) They combine digitized art with innovative software, making it easy to create beautiful, one-of-a-kind embroidery.
 - b) The software is included when you install the design pack.

B. Who can use Interactive Embroidery collections?

1. Anyone with an embroidery machine and a computer.
2. Save your designs in
 - a) PES
 - b) DST
 - c) EXP
 - d) HUS
 - e) JEF
 - f) PCS
 - g) SEW
 - h) VIP



C. Why use an Interactive Embroidery collection instead of a traditional design pack?

1. Traditional embroidery collections have two basic problems.
 - a) You purchase a pack of beautiful embroideries, and now you need to design a project and purchase the fabric and supplies needed to complete that project.
 - b) And by the time the planning is done, and the supplies gathered, the time to do the project is gone and you have a new unfinished project in the sewing room.
2. Or you have the project and all the supplies and decide you want to add embroidery. In spite of owning countless embroidery designs, do you have the perfect design that is just the right size for your project?

3. With Interactive embroidery collections it is easy to create the perfect embroidery and get it to the embroidery machine in just moments.

D. Where are my Interactive Embroideries?

1. When you install your new Interactive CD it places an icon on your desktop.



2. To see the designs in your new Interactive you will need to open the Player.

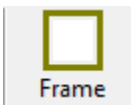


Embroidery design pack

a) Just double click on the desktop icon

and you are ready to go.

II. How Are They Different

A. Left click Frame  on the tool bar at the top of the page

1. Left click Celtic  at the left side of the page

a) A Celtic border design is placed on the page




2. If this was a traditional design pack the border would always look just like this

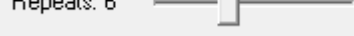
a) It could be re-sized or the colors changed, but it would remain basically the same

B. But this is an Interactive pattern and we have lots of options to change the pattern to suit our needs

1. Move the Aspect slide  all the way to the right and the border is taller

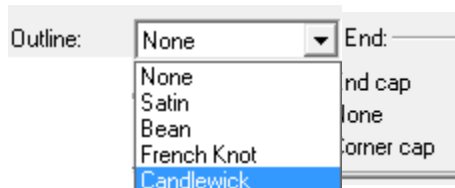
2. Move the Top Envelope slide  all the way to the right and the top edge of the pattern is curved instead of straight

3. Move the Bottom Envelope slide  all the way to the right and the bottom edge of the pattern is now curved


4. Move the Repeats slide  to 6 repeats and now there are more knots in the border

5. Select End Cap for both the right and left ends and the dark green border around the pattern changes and the gold knots no longer have an open end

a) Open the Outline box and select Candlewick



b) And the border changes from a satin stitch to a border of Candlewicking knots

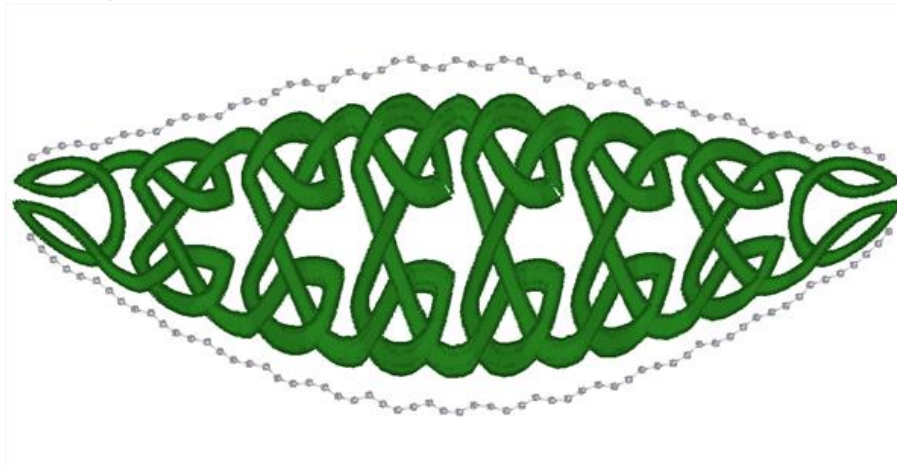
6. Move the Gap slide  to set the Gap at 4mm and the Candlewick knot border is moved farther away from the gold knots



C. Left click Colors on the tool bar at the top of the page





1. Select the Holly color group at the left side of the page
2. Move the Permutations slide until the knot is Kelly green and the Candlewick knots are white

D. And the resulting design has a custom designed look that is very different from the original look of the pattern

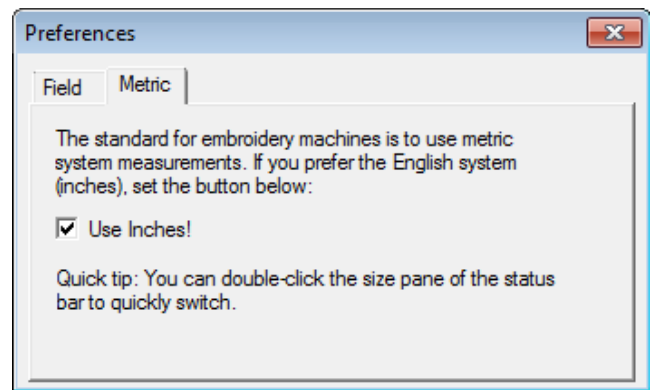
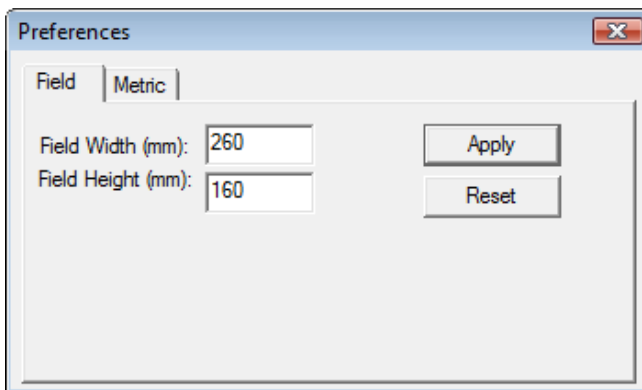



III. Tool Bar Basics


A. The left end of the tool bar at the top of the page has some basic controls

1.  Save Save will be used to save your designs so you can embroider them
2.  Print Print will print a full size template of your design that can be used to position the design on the fabric.
 - a) Even though this is a design pack, you will be able to print templates without using any other software!
 - b) A sample template is on the last page of this document so you can see what that print looks like.
3.  Exit Exit closes the Interactive Player
 - a) You can also close the program with the red X in the upper right corner just as you do on most other programs.
4.  Pref's Preferences has just two settings
 - a) The Field tab allows you to enter the size of the embroidery hoop you will be using for this project.

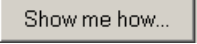
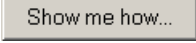
- (1) Remember, we have decided to add embroidery to a specific project.
 - (2) You probably already have a pretty good idea which of your embroidery hoops would be the most appropriate size for this project.
 - (3) Type the size of the embroidery field for your machine in the windows.
 - (4) If you set the size of your embroidery design larger than the hoop you have selected, the Player will let you know.
- b) The metric tab allows you to select whether your measurements will be given in inches or millimeters.
- (1) Left click on the tab labeled metric
 - (2) Put a checkmark in the box that says "Use inches" if you prefer inches.
 - (3) Remove the checkmark from the box if you prefer metric.



5.  About will open a box that details what version of the Interactive Player you have
- a) Updates for the Interactive Embroidery Player are posted on the DesignersGallerySoftware.com website.

6.  Help accesses instructions on how to use the Interactive Player.
- a) It includes things like how to save, how to print a template, and how to set your Preferences

B. The Help instructions are for the Player software, but there are also sewing instructions included with your Interactive Design pack.

1. You will find a Show Me How  button on every page of every Interactive pack.
2. Left click on Show Me How  and the sewing instructions for the pack are displayed.
 - a) The Show me how files for the Celtic pack include:
 - (1) Information on appropriate thread and stabilizers for your Celtic designs

- (2) Information about what colors will work with these patterns
- (3) How many layers of stabilizer should be used
- (4) What do you need to know to be successful with metallic threads
- b) You will also find information on using each of the different kinds of designs in the Celtic pack including
 - (1) Borders
 - (2) Buttons
 - (3) Oval frames
 - (4) Zoomorphic
 - (5) Fancy font
 - (6) Plain font
 - (7) Crosses
 - (8) And Knots
- c) There is also a Photo Gallery of stitched samples
- 3. And this is another way that the Interactive Design Collections differ from the average design pack.
 - a) The Interactive packs come with sewing instructions included.



C. **Frame** Every pack contains Frame or Project designs



1. Left click on Frame **Frame** and then left click on the desired pack in the column at the left of the page to see the Frame designs in that pack



D. **Interac...** Every pack also contains Interactive embroidery designs

1. Interactive designs can be used alone
2. Or you can combine one Interactive design with one Frame design



3. Left click on Interactive **Interac...** and then left click on the desired pack in the column at the left of the page to see the Interactive designs in that pack.

Note: If you want to combine more than two patterns, you would need to save the individual patterns and then combine them either in Customizing software like EmbroideryWorks or in the embroidery edit screen of your machine.

Remember that Interactive Embroidery packs are design packs and they are the only design packs in the world that allow you to combine two designs without using any sewing software.



E. **Bkgnd** Background allows you to control the way the background of free standing lace designs is stitched.

1. We will not be using the Background icon in this class because there are no free-standing lace patterns in the Celtic design pack



F. **Colors** Colors allows you to change the colors of your design




G. **Frame None** deletes the Frame design from your design page



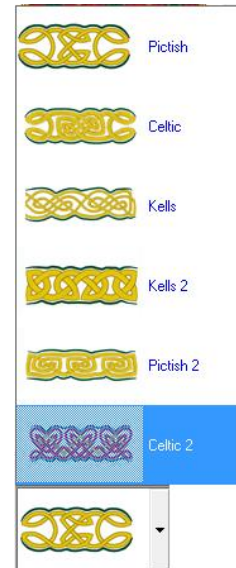
H. **Interacti...** Interactive None deletes the Interactive design from your design page

IV. Sizing Designs


A. Left click **Frame**  on the tool bar at the top of the page




1. Left click **Celtic** at the left side of the page
 - a) And the first type of pattern you will see is the border design we played with earlier in this class
2. Open the window in the lower left corner of the page and you will find that there are six different Celtic border patterns
 - a) Each of the borders is constructed with a different Celtic knot
 - b) All of the patterns in the collection are authentic Celtic knot patterns and all of them weave over and under perfectly

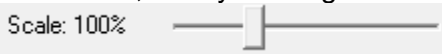


3. Select the Celtic 2  **Celtic 2** border

B. When setting up a pattern to be stitched, you should always open Preferences  and enter the size of the embroidery field for the hoop you are planning to use for your project

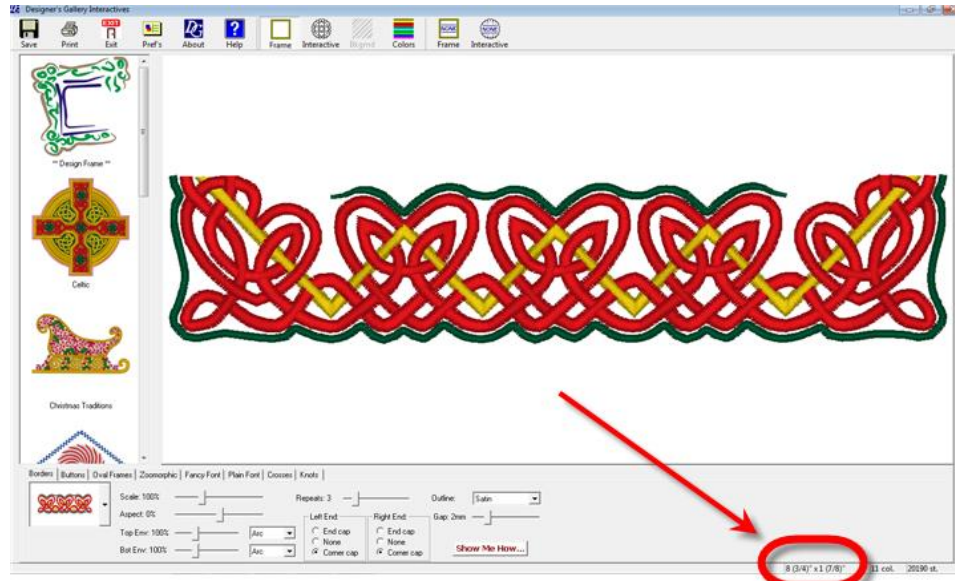


1. Left click **Preferences** **Pref's** on the tool bar at the top of the page
2. Enter the size of the embroidery hoop you are planning to use on the Field tab of the Preferences box
 - a) For this class we will use an embroidery hoop size of 300mm wide and 180mm high
 - b) Left click **Apply** 
 - c) Close the Preferences box by left clicking the x in the red box at the upper right corner of the Preferences box.
3. If you create an embroidery design that is larger than the hoop you have selected in Preferences, then you will get a warning

C. The Scale slide  changes the size of the design.

1. Both the height and width of the pattern will be changed
2. Move the slide to the right and the size of the design will be larger
3. Move the slide to the left and the size of the design will be smaller

4. The size of your design is shown on the status line in the lower right corner of the screen.



a) The number of colors in the design and the number of stitches is also shown on the status line in the lower right corner of the page

D. If the size shown has yellow highlighting **5 (1/16)" x 5 (3/4)"** 1 col. 7717 st., then your design will need to be rotated to fit in your hoop.

1. There is a message at the left side of the status line telling you that the size turned yellow because the design will need to be rotated in the hoop

Design will need to be rotated.

2. This is based on the size of your embroidery field that you typed into the Preferences box.

E. If the size shown has red highlighting **6 (3/16)" x 7 (1/16)"** 1 col. 9729 st., then it is too large to be sewn in the embroidery field you entered in the Preferences box.

1. And it tells you at the left side of the status line that the design is larger than the hoop. **Design is larger than the hoop!**

2. Does this mean that you cannot save the design?

a) No, you will be able to save the design.


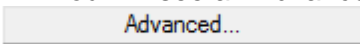

b) You would need to decide what to do about the size

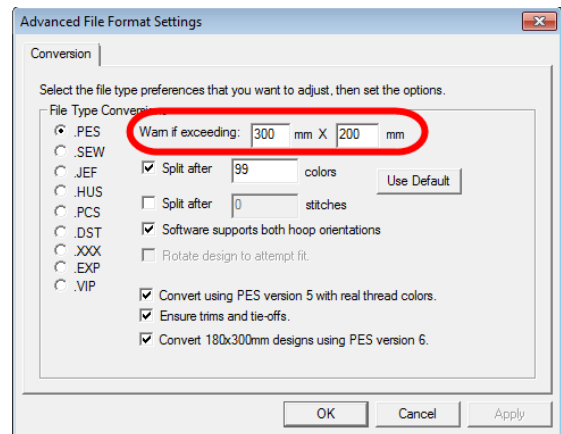
(1) If there is not room on the fabric for a design that is larger than the selected hoop, then you would want to make your design smaller.

(2) If you have room on the fabric for this larger design and you do have a larger hoop, then you could elect to use the design at its current size

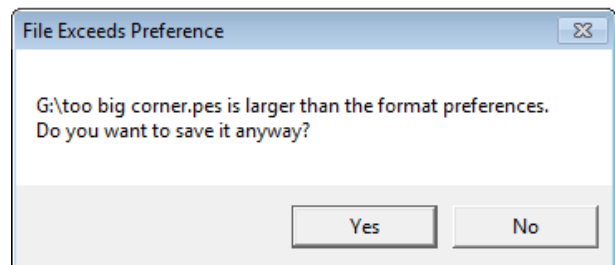
(3) The red is just a warning that you need to make a decision

F. There is also one other setting that relates to the size of your saved designs

1. Left click on Save 
2. You will see an Advanced  button
3. Left click on Advanced  and you will find that all of the stitch format preferences have already been entered into your Interactive player.
4. The only setting that you would ever need to change would be the "Warn if exceeding" setting
 - a) Enter the size of the embroidery field for the largest hoop for your machine.
 - b) Click Apply
 - c) Click Ok to close the box and return to the Save As box
5. You will only need to do this one time because the player will remember the setting.



- a) The only time you would need to change this setting would be if you bought a new machine with a bigger hoop
- b) Of course you would want to change this setting to the larger hoop at that time



- G. If you try to save a design that is larger than your largest embroidery hoop, a warning box will open and tell you that the design is larger than your format preferences.
1. Can you still save the design?
 - a) Yes. And if you own EmbroideryWorks or HoopWorks you could split the design so it could be sewn in sections.
 2. If you do not want to split the design then you should go back and re-size the design so it will fit the hoop.

V. Celtic Borders

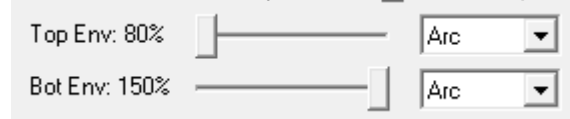
A. Once you have selected the border you want to use, you will have lots of choices that will affect the look of your knotted border

B. The Aspect slide  changes the height of the border pattern without changing the width of the border

1. Move the slide to the right to make the border taller
2. Move the slide to the left to make the border shorter
3. Remember you can see the actual width of that border in the status line in the lower right corner of the page

C. The Top and Bottom Envelope slides change the shape of the upper and lower edge of the border

1. There is a window at the right end of each slide to allow you choose the shape that will be applied by the slide
2. The default shape is the Arc which will create a curved edge
3. Move the slides to the left and the pattern will be taller on the ends and shorter in the center



4. Move the slides to the right and the curve will be shorter on the ends and taller in the center



5. Or move one slide left and the other slide right



6. Open the window and you will find other enveloping options
 - a) Grow will make the right end of the pattern taller than the left end
 - b) Shrink will make the left end of the pattern taller than the right end
 - c) Peak is similar to Arc except the edge goes straight up or down to the peak instead of curving



Repeats: 6

D. The Repeats slide controls how many knots are repeated along the width of the pattern

1. Move the slide to the right to increase the number of knots in the border
2. Move the slide to the left to decrease the number of knots in the border
3. Keep an eye on the size in the Status line at the lower right corner of the page
 - a) Remember if that turns red, you have a pattern that is larger than the hoop you are planning to use

E. Left end and Right End controls allow you to change how the border pattern is shaped on the ends

Left End:	Right End:
<input checked="" type="radio"/> End cap	<input checked="" type="radio"/> End cap
<input type="radio"/> None	<input type="radio"/> None
<input type="radio"/> Corner cap	<input type="radio"/> Corner cap

1. If you select End Cap the knot pattern will be closed at that end of the border for a graceful end



Left End:	Right End:
<input type="radio"/> End cap	<input type="radio"/> End cap
<input checked="" type="radio"/> None	<input checked="" type="radio"/> None
<input type="radio"/> Corner cap	<input type="radio"/> Corner cap

2. If you select None the knots and the border will have open ends



- This would allow you to create continuous borders
- Use printed templates and mark your fabric to match the sections
- Or if your embroidery machine has the border functions built in, you will be able to add the match points in Embroidery Edit for creating continuous borders
- And of course if you have the Continuous Border hoop for your machine, you will be able to easily create Celtic borders
- To learn more about sewing continuous borders, you might want to take a look at the Sew at Home class called Bordering on the Edge.

Left End:	Right End:
<input type="radio"/> End cap	<input type="radio"/> End cap
<input type="radio"/> None	<input type="radio"/> None
<input checked="" type="radio"/> Corner cap	<input checked="" type="radio"/> Corner cap

3. If you select Corner Cap the open ends will face up instead of to the left or right.

- This will allow you to create a corner for your border.



- Since you can control whether that Corner cap is on the left or on the right, you can turn the corner at either end of the border

- c) Leave the other end set for None and you can turn the corner as desired



Outline:

F. Open the Outline window to select the type of stitching that will be used for the outline around your Celtic knot border

1. Choose Satin for a satin stitched outline



2. Choose None for a border with no outline



3. Choose Bean for a border with a triple straight stitch outline



4. Choose French Knot for a border with an outline of French Knots



5. Or choose Candlewick for a border with an outline of the slightly heavier Candlewick knots




- a) Both the French knots and the Candlewick knots are an authentic look for the Celtic designs.
b) Many of the illuminations in the Book of Kells are decorated with tiny ink dots in primary colors.

G. The Gap slide  controls the distance in millimeters between the border and the outline

1. Move the slide to the right to increase the distance
2. Move the slide to the left to decrease the distance

VI. Changing Colors



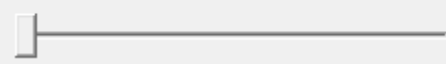
A. Left click on the Colors icon  and the screen opens to let you change colors.

1. Several themed color groups are shown along the left side of the screen
 - a) Easter is a group of pastel colors
 - b) Holly is the Christmas colors
 - c) Peaches and Cream is a palette of neutral pastels
 - d) Red White and Blue
 - e) Sonoma is a set of fall colors
 - f) Tuxedo is three shades of grey and a deep burgundy

B. Select the desired color group by left clicking on it

1. The design colors are changed and the colors in the selected group are shown in the lower left corner of the page
 - a) The color names and numbers are shown using Sulky colors
 - b) The color names make it very easy to select similar colors from your personal thread collection no matter what brand of embroidery thread you like to use.

Permutation (Color order):




C. The slide is labeled Permutations

1. Permutations is a big word that just means that if you move the slide, you will be shown every possible combination of the colors in the selected group on your design
2. Move the slide until you are pleased with the look of the design.



VII. Save & Print Template




A. To save the design so it can be stitched, click on "Save" .

1. In the Save In window, select the location where you would like to save your design
2. In the File Name window, type a name for your design
3. Open the Save as type window to select the embroidery format for your machine.
4. Left click Save

B. After you have saved your new design, you may also want to print a template to use in positioning your embroidery on the fabric




- C. Left click on the Print icon  to print a template of your design.
1. The template will show that the design came from Designer's Gallery Interactives – Celtic
 2. It will also show the number of stitches and the size of the design.
 3. The colors are shown.
 4. And a full size image of the design with cross hairs for placement.

You will find a sample template on the last page of this document.


VIII. Celtic Knots, Buttons & Crosses

- A. You have individual Celtic knots in three different sizes in your Celtic Interactive collection



1. Left click Frame None  to remove the border design from the page and start over with a clean page



2. Left click Celtic  in the column on the left side of the page

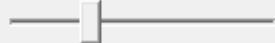
- B. Left click the Knots tab 

1. If you open the window on the Knots tab you will find 11 different Celtic knot patterns

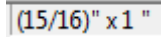
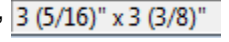


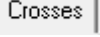
2. Scroll down and select Celtic Knot number 6
3. The pattern is placed on the page and it is in the same colors we used for the border pattern
 - a) So if this pattern is for the same project, it will co-ordinate perfectly with the border
4. The only control on the Knots tab is a Scale slide

Scale: 100%



which changes the size of the knot pattern

- a) Move the slide to the left for a smaller knot
- b) The smallest size for this Celtic knot is 15/16" x 1"  (Remember that the size is shown on the status line in the lower right corner of the screen)
- c) Move the slide to the right for a larger Celtic knot
- d) The largest size for this Celtic knot is 3 5/16" x 3 3/8" 

- C. If you wanted a larger Celtic Knot design, left click on the Crosses tab 
1. These will be your largest and most intricate knot patterns and they are authentic
 - a) The artwork for the crosses was stencilled from a Convent in Ireland

Designs stencilled from an Oratory at the Dominican Convent at Dunlaoghaire in Ireland, along with related articles.

2. Open the pattern window and you will find six different cross patterns



Design 1

3. Select Cross 1
interesting options

and you will find that this particular cross has some

4. In the Section box you can elect to use

Section

☒ Center

☐ Diagonal ☐ The whole thing!

☐ Vertical

a) Just the Center knot



Section

☐ Center

☒ Diagonal ☐ The whole thing!

☐ Vertical

b) Or use the diagonal fish



Section

☐ Center

☐ Diagonal ☐ The whole thing!

☒ Vertical

c) Use Vertical to sew just one arm of the cross



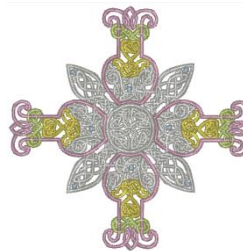
Section

☐ Center

☐ Diagonal ☒ The whole thing!

☐ Vertical

d) Or stitch the whole thing!



5. The Scale slide

Scale: 100%



will allow you to size this cross

a) Make it as small as 6" x 6" 6 " x 6 "

b) Or as large as 11 5/16" x 11 5/16" 11(5/16)" x 11(5/16)"

D. Open the pattern window and select Cross number 2

1. Cross designs 2 and 3 have an applique option

2. If First Fill as Applique does not have a checkmark ☐ First fill as Applique then the whole cross will be filled with stitches.



a) If you size this cross at 8" x 8" you will have a stitch count of 87,007

8 " x 8 " 8 col. 87007 st.

3. If First Fill as Applique has a checkmark ☒ First fill as Applique then the background area of the central cross will be filled with applique fabric instead of embroidery stitches



a) An 8" x 8" cross with the applique option turned on will have a stitch count of just 64,262 8 " x 8 " 9 col. 64262 st.

E. Cross designs 4, 5, and 6 have only the Scale slide control

F. The smallest Celtic knots in the collection are the Buttons

1. Left click the Buttons tab Buttons

2. Open the pattern window and you will find that there are 13 Button patterns

a) These are the smallest and least involved of the knot patterns



3. Select Button design 13

4. Move the Repeats slide to the left to set it at 1 repeat of the design

5. The Scale slide Scale: 100%  adjusts the size of the design

a) Move to the left for a design as small as 5/8" x 7/8" (5/8)" x (7/8)"

b) Or move the slide to the right for a design as large as 2 3/16" x 2 1/2"

2 (3/16)" x 2 (1/2)"


c) Now you have Celtic knots small enough to use on covered buttons or on doll clothes

6. The Stretch slide  can be used to make the pattern wider without changing the height.


- a) Move the slide left for a narrower pattern
- b) Move the slide to the right for a wider pattern

7. Use the Repeat slide  to sew rows of buttons



8. The Space slide  allows you to change the size of the area between the button knots



9. The Stagger slide  moves the patterns so instead of a single row, they alternate up and down.



10. Open the Outline window and you will find the same Outline options that we saw on the Border tab

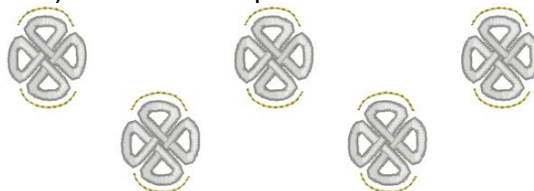
- a) Change the Outline to Bean Stitch



Outline:	None
	None
	Satin
	Bean
	French Knot
	Candlewick

11. The Gap slide  controls the distance between the knot and its outline

- a) Move the Gap slide to 3mm



IX. Oval Frames

A. Left click the Oval Frames tab 

1. Open the pattern window and you will find that the oval frames can be created in the same patterns as the Borders

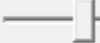
a) So the oval frames can be used alone or they will co-ordinate perfectly with your borders

2. Open the pattern window and select the pattern called Kells



Kells

B. The Scale slide

Scale: 100% 

is used to adjust the size of your oval, however here the size slide does not work alone

1. When the slide is set for whole circle

Whole circle: 360°



, the

pattern will be a continuous oval of knots



2. Move the slide to the left
create a partial ring of knots

Part of Circle: 192°



and you can

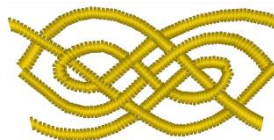


3. Move the slide all the way to the left
and you can create just one knot

Part of Circle: 24°



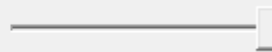
a) Sew your oval one knot at a time and you can create very large Celtic knot ovals



4. The third slide controls the number of knots that make up the circle.

a) A full circle is 360° so if the knot size is set at 30°

Each knot is: 30°



the circle will be made up of 12

knots ($12 \times 30 = 360$)

b) If the knot size is set at 15°

Each knot is: 15°

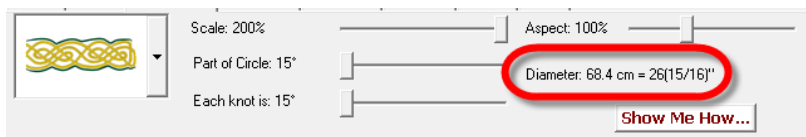
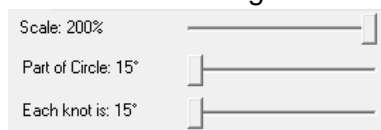


then the circle will be made up of 24 knots ($24 \times 15 = 360$)

5. To create the largest possible Celtic oval with knots stitched one by one

a) Set the Scale at 200% for the largest size

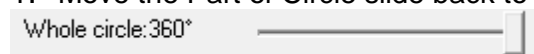
- b) Set the Part of the Circle all the way to the left to sew a single knot
- c) Set the size of each knot slide all the way to the left for a 15° knot
- d) The size of the circle for the slide settings is always shown just to the right of the slides.



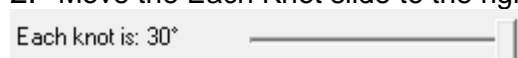
- e) These settings would create a circle that is 26 15/16" across.

C. Set up for an oval that can be stitched in one hooping

1. Move the Part of Circle slide back to the right until you have a whole circle



2. Move the Each Knot slide to the right for a 30° knot

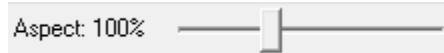


3. Set the Scale slide to approximately 87%



D. Use the Aspect slide to create oval frames

1. If the Aspect slide is set at 100% the frame will be a circle



- a) The same width and height will be the same size $6 \frac{7}{8}" \times 6 \frac{7}{8}"$



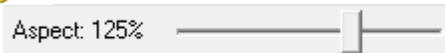
2. Move the slide to the left and the frame will be an oval that is taller than it is wide



$5 \frac{3}{16}" \times 6 \frac{7}{8}"$



3. Move the slide to the right and the frame will be an oval that is wider than it is tall



$8 \frac{5}{8}" \times 6 \frac{7}{8}"$





X. Add an Interactive Design

A. Two patterns can be combined and saved as one design by selecting one Frame design and one Interactive design.

1. The oval frame created in the previous chapter is a Frame design
2. We can easily add an Interactive design to our oval frame




B. Left click Interactive  on the tool bar at the top of the page

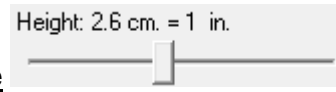
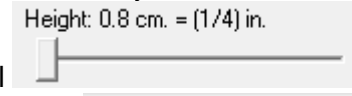
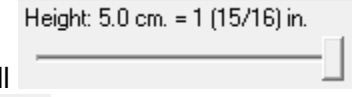
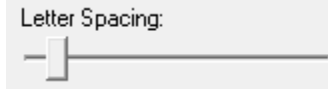
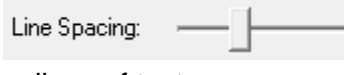
1. Left click Celtic  at the left side of the page to see the Interactive patterns available in the Celtic collection
 - a) The Knots and Buttons are available also as Interactive patterns which means they can be combined with Frame designs from this pack or from any other Interactive collections you have installed
2. There are also two different Celtic fonts included in the collection and those fonts are also available as both Frame and Interactive designs

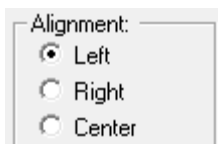
C. Left click the Plain Font 

1. Left click in the empty box at the lower left corner of the page
2. Type what you want to say
 - a) If you want more than one line of text, simply touch the Enter key at the end of each line

3. When you have typed your entire text, touch Set  at the right of the box

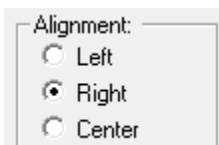
D. Adjust the settings for your text

1. Use the Height slide  to adjust the size of the letters
 - a) The font can be as small as 1/4" tall 
 - b) The font can be as large as 1 15/16" tall 
2. The Letter Spacing slide  is used to adjust the amount of space between the letters
 - a) Move the slide to the left and the letters move closer together
 - b) Move the slide to the right and the letters move farther apart
3. The Line Spacing slide  can be used to adjust the amount of space between the lines of text
 - a) Move the slide to the left and the lines of text move closer together
 - b) Move the slide to the right and the lines of text move farther apart
4. Alignment allows you to control how the lines of text are lined up with each other



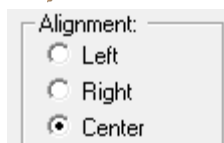
a) Align Left will line up the left edges of all lines of text

THIS QUILT
WAS MADE FOR
JOHN
BY HIS LOVING
GRANDMOTHER



b) Align Right will line up the right edges of all lines of text

THIS QUILT
WAS MADE FOR
JOHN
BY HIS LOVING
GRANDMOTHER



c) Align Center will center each line of text below the line above

THIS QUILT
WAS MADE FOR
JOHN
BY HIS LOVING
GRANDMOTHER

5. Left click to place a checkmark in Fancy First Letter  and the first letter of your text will be changed

THIS QUILT
WAS MADE FOR
JOHN
BY HIS LOVING
GRANDMOTHER

6. Note that this font has only upper case letters.

a) There are no lower case letters or numbers

E. Adjusting the relative position of the two designs is easy

1. The Frame design (In this case the oval frame) is centered in the hoop and cannot be moved
2. The Interactive design can be moved so it can be positioned as you want

- a) Place the point of your cursor on the stitching of the Interactive design
 - b) Left click and drag to move the Interactive text into the desired position
- 3. When you are working with both an Interactive and a Frame design on the page, you will only be able to move the Interactive design.
- F. Save the design and it is ready to sew


Note: *If you want to combine more than two patterns, you would need to save the individual patterns and then combine them either in Customizing software like CustomWorks II or in the embroidery edit screen of your machine.*

Remember that Interactive Embroidery packs are design packs and they are the only design packs in the world that allow you to combine two designs without using any sewing software.

XI. Designs from Different Packs


- A. There are two icons at the right end of the top tool bar that will give you a clean slate.



1. Left click on the "Frame None" icon  to remove your frame design from the page.

- a) And the Celtic Oval Frame is removed from the page

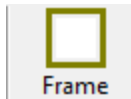


2. Left click on the "Interactive None" icon  to remove your interactive design from the page.

- a) And the text is gone
- b) And you have an empty page to start over and create another pattern

- B. Select a Frame design

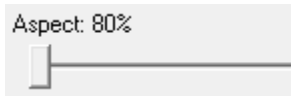


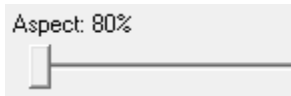
1. Left click Frame  on the tool bar at the top of the page



2. Left click Floral Accents  at the left side of the page

3. Left click the Oval Accent tab 



4. Move the Aspect slide  all the way to the left to create an oval frame



- C. Add an Interactive pattern



1. Left click Interactive **Interactive** on the tool bar at the top of the page



2. Left click Celtic at the left side of the page
3. The Fancy Font tab is displayed
4. Left click in the Letters box
5. Type a letter for a monogram and touch Enter on your keyboard
 - a) The Fancy Font cannot create multiple lines of text
 - b) With this text you can create a single line of text in upper case letters
6. Your fancy letter is created and is the same green color as the Oval frame

Height: 5.1 cm. = 2 in.

- C. The Height slide controls the size of the letter

1. Move the slide to the left for smaller letters

Height: 1.5 cm. = (9/16) in.

2. The Fancy Font letters can be as small as 9/16"

3. Move the slide to the right for larger letters

Height: 10.0 cm. = 3 (15/16) in.

4. The Fancy Font letters can be as tall as 3 15/16" tall

5. Move the slide to adjust the size of the letter to suit the size of the oval frame

- D. The Spacing slide controls the space between the letters if you have more than one letter

1. Move the Spacing lever to the left for less space between letters
2. Move the Spacing lever to the right for more space between letters

- E. The Fancy Font can be filled with either embroidery stitches or with applique

1. If there is no checkmark in the box labeled Applique instead of fill

☐ Applique instead of fill then the Fancy letters will be filled with stitches



2. If you left click to place a checkmark in the box labeled Applique instead of fill

☒ Applique instead of fill then the Fancy letters will be filled with applique fabric



- F. Retain Original Color ☐ Retain original color controls whether the Fancy Font will keep its own default coloring or change with the colors in the Frame pattern

1. The letter is the same green as the oval frame because there is no checkmark in the Retain original color box
2. Left click to place a checkmark in the Retain original colors box

☒ Retain original color and the Fancy monogram changes to the default colors for the Fancy Font



3. Left click Colors in the tool bar at the top of the page
4. Select the Easter group of colors at the left side of the page

Permutation (Color order):



5. Move the Permutations slide and the oval frame changes colors, but the monogram does not change



6. Left click Interactive on the tool bar at the top of the page to see the Fancy Font controls again

7. Remove the checkmark from the Retain original color box and the Fancy monogram changes to the Easter colors

☐ Retain original color



G. And your framed monogram created from two different Interactive design packs is ready to be saved and stitched.

XII. Zoomorphic Designs

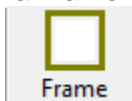
- A. There is one more type of pattern in the Celtic collection that we have not looked at yet
 1. Start with a clean page



- a) Left click Interactive None on the tool bar at the top of the page and the Fancy monogram is removed from the page



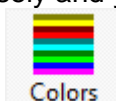
- b) Left click Frame None on the tool bar at the top of the page and the oval frame is removed from the page



- B. Left click Frame on the tool bar at the top of the page



1. Left click Celtic at the left side of the page
2. Left click the Zoomorphic tab | Zoomorphic |
3. Open the pattern window and you will find that there are seven zoomorphic patterns based on images from the book of Kells
4. Look closely and you will see the animal heads in the knots



- C. Left click Colors on the tool bar at the top of the page

1. Scroll down in the column at the left side of the page and select the color group called Tuxedo
 - a) This group of colors is three shades of grey and a dark burgundy and is a favorite of mine for the Celtic designs



2. Open the pattern window and select Design 3
 - a) You can clearly see the three animals in this pattern



3. If you are ever looking for embroidery patterns that will appeal to young men, you will find these zoomorphic designs have a great appeal.

XIII. How Many Celtic Designs?

- A. There is one more question that we have yet to address and that is “How many patterns are there in the Celtic Interactive Embroidery collection?”

1. This is really a difficult question because no one really knows.
2. But let's take a look at just one pattern and see how the math works out

- B. Left click on the Borders tab



1. Open the pattern window and select Kells 2

- C. The number of options available to change this pattern are:

1. Scale slide – 140 settings

2. Aspect slide – 50 settings
3. Top Envelope slide – 70 settings
4. Bottom Envelope slide – 70 settings
5. Top Envelope Effect window – 4 choices
6. Bottom Envelope Effect window – 4 choices
7. Left End choices – 3
8. Right End choices – 3
9. Outline window choices – 5
10. Gap slide – 10 settings




D. If you multiply to find the total number of different patterns that can be created with all of the choices above

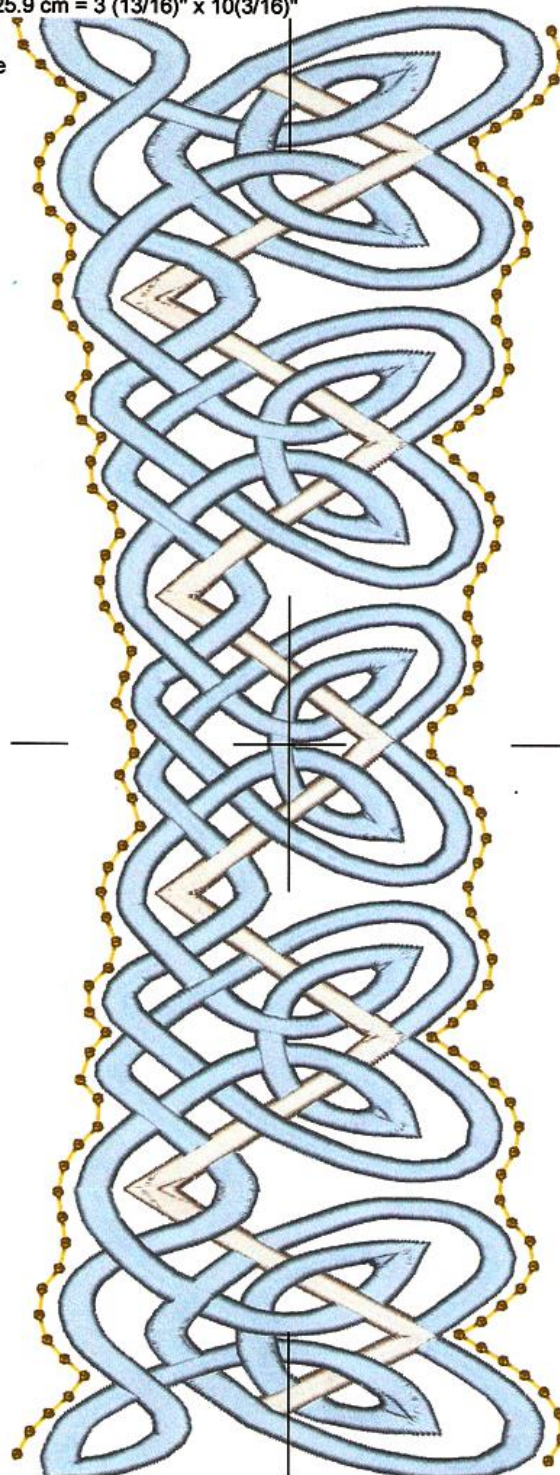
1. $140 \times 50 \times 70 \times 70 \times 4 \times 4 \times 3 \times 3 \times 5 \times 10 = 246,960,000,000$
2. That is 246 billion, 960million different versions of the Kells 2 border.
3. And that is just one pattern on one tab of the Celtic Interactive pack.

E. You will be able to embroider authentic Celtic designs and enjoy many different looks from this collection.

Designer's Gallery Interactives - Celtic

Stitches: 25299, Size: 9.7 cm x 25.9 cm = 3 (13/16)" x 10(3/16)"

-  Sulky 1002 Soft White
-  Sulky 1248 Med. Pastel Blue
-  Sulky 1135 Pastel Yellow





Companion Products for this Sew at Home Class

Interactive Embroidery – Floral Accents	EDG-INT4
Baby Lock Fusible Tear-Away Firm	BLT105
Embroidery Positioning Stickers	BLSO-EPS
Ginger 5" Curved Embroidery Scissors	G-5C
Ginger 4" Curved Embroidery Scissors	G-4C
Finishing Touch Bobbin Thread	BBT-W (White) BBT-B (Black)
Madeira Embroidery Thread, 40wt	
Embroidery needles	75/11
Basic Embroidery Skills for Embroiderer's Learning Guide Windows 8	SAHLG-BCSE8
Sew@Home OnLine Classes (can be used for LIVE/Interactive or OnDemand/recorded classes)	SAH