Programming the KH950i

Explanatory notes

Pattern variation switches 1 – 7 Allow you to flip, enlarge, reverse colours etc

Pattern selector switch – Pattern A, Pattern A+B, full patterning

CE clears the entry

CR card return correction, used to correcting a swatch due to error whilst knitting

RR Roll Return, returns the card to the SET line

CF card forward, feeds the card forward. Also sets pre-programmed pattern to the first row

Ⓜ key – used to enter information, like the ENTER key on a keyboard.

Mode 990 = overall patterning in default position (pattern is centred on 0)

Mode 999 = parts of pattern or shifted patterning

Once pattern is programmed, Ⓜ cycles through programming of pattern

Green button shows row number of pattern – important when partial knitting or restarting

Yellow button shows information (memo data) about pattern (see below).

Meaning of numbers shown with yellow button:

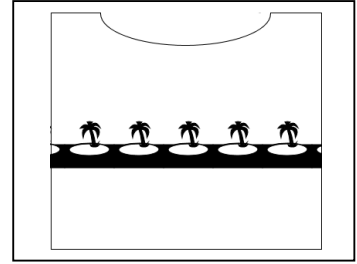|	
Fairisle	Contrast yarn number e.g. 2, 3, 4
Tuck/Slip	Contrast yarn number e.g. 2, 3, 4
Lace/fine lace	Number indicates knitted rows with the main carriage, so 2 means "knit 2 rows with main carriage". Flashing 0 means set lace carriage to N Flashing 1 means set lace carriage to fine lace
Knitweave	Number means weaving yarn. No number means a plain row

Note: You can also program the blank spaces that appear around the patterns at the rear of the stitch world book, to add spacing to patterns or to add blank rows between pattern repeats.

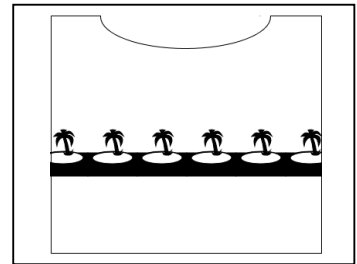## All-over patterning in default position on bed

Pattern repeat is positioned in the centre of the bed by default.

1. 990 Ⓜ

2. Set all pattern variation switches to lower position

3. Set pattern selection switch to lowest position Ⓜ

4. [Pattern no] eg 100 Ⓜ (CE if entered incorrectly)

5. *Press CF to ensure the pattern starts at row 1.**
6. Establish the knitting, ending to the left of the turn mark (useful to have left extension rail fitted here).
7. Set carriage to KCi
8. Knit to right (carriage preselects needles)
9. MC, add second yarn to feeder B
10. Knit to left
11. When you hear a "beep", end of pattern is coming. Knit 1 more row to complete pattern.

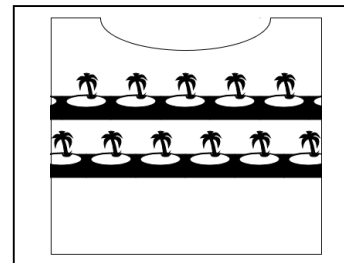## All-over patterning in shifted position on bed

1. 999 Ⓜ

2. Set all pattern variation switches to lower position

3. Set pattern selection switch to lowest position Ⓜ

4. [Pattern no] e.g. 100 Ⓜ

5. Displays bottom row of pattern (1). Press Ⓜ to accept

6. Displays top row of the pattern. Press Ⓜ to accept.

7. Displays first (LH) stitch/column of pattern (1). Press Ⓜ to accept

8. Displays last stitch/column of pattern. Press Ⓜ to accept

9. Displays first needle (FN) position. Enter new FN position by pressing CE then yellow or green and then the needle number. Ⓜ

    To have the pattern centred either side of zero, FN should be half the total programmed pattern width.
10. Press CF to ensure the pattern starts at the first programmed row. *
11. Complete knitting from step (6) above

* Enter 10 and press CF to start the pattern at row 10.

All-over patterning, alternating between default and shifted position on bed
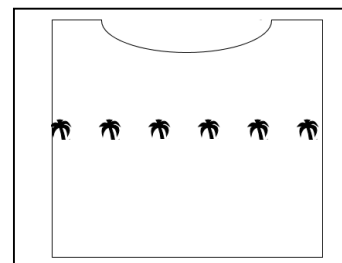
The pattern selector "remembers" programming so can be used to create an alternating pattern e.g. one repeat default position, one repeat offset by half.

1. 990 Ⓜ

2. Set all pattern variation switches to lower position Ⓜ

3. Set pattern selection switch to upper position Ⓜ

4. [Pattern no] eg 100 Ⓜ

5. Displays first needle (FN) position. Enter new FN position by pressing CE then Yellow or Green and then the needle number. Ⓜ

6. Enter LH start as Y100 Ⓜ

7. Enter RH end as G100 Ⓜ

8. Press CF to ensure the pattern starts at the first programmed row.
9. Establish the knitting, ending to the left of the turn mark.
10. Set carriage to KCi
11. Knit to right (carriage preselects needles)
12. MC, add second yarn to feeder B
13. Knit to left
14. When you hear a "beep", end of pattern is coming. Knit 1 more row to complete pattern.
15. Set pattern selector to the highest position and knit another repeat of the pattern
16. Set pattern selector to the lowest position and knit another repeat of the pattern
17. Continue steps 15 and 16 for desired length

Selected part of a pattern

1. 999 Ⓜ

2. Set all pattern variation switches to lower position
3. Set pattern selection switch to lowest position

4. [Pattern no] e.g. 100 Ⓜ

5. Displays bottom line of pattern (1). Enter first row of pattern, press Ⓜ to accept

6. Displays top line of the pattern. Enter last row of pattern, press Ⓜ to accept.

7. Displays first stitch/column of pattern (1). Enter first column, press Ⓜ to accept

8. Displays last stitch/column of pattern. Enter last column, press Ⓜ to accept

9. Displays first needle (FN) position. Enter new FN position by pressing CE then
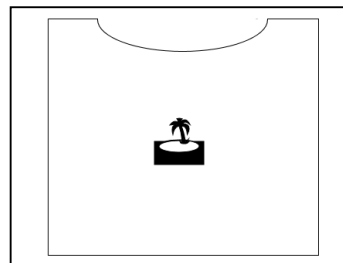
yellow or green and then the needle number. Ⓜ

To have the pattern centred either side of zero, FN should be half the total programmed pattern width.

10. Press CF to ensure the pattern starts at the first programmed row.
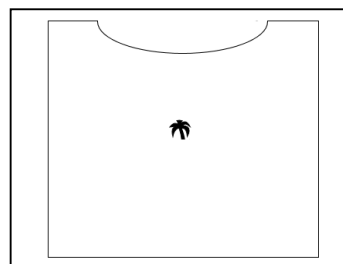11. Complete knitting from step (6) on page 2

Single motif or panel using whole pattern

1. 990 Ⓜ

2. Set all pattern variation switches to lower position

3. Set pattern selection switch to upper position Ⓜ

4. [Pattern no] e.g. 100 Ⓜ

5. Enter FN position: green or yellow, stitch number, Ⓜ

6. Enter LH start position (usually same as FN) green or yellow, stitch number, Ⓜ

7. Enter RH end position of pattern, green or yellow, stitch number, Ⓜ

8. Press CF to ensure the pattern starts at the first programmed row.
9. Complete knitting from step (6) on page 2

Single motif or panel using part of a pattern

1. 999 Ⓜ

2. Set all pattern variation switches to lower position

3. Set pattern selection switch to upper position Ⓜ

4. [Pattern no] e.g. 100 Ⓜ

5. Displays bottom line of pattern (1). Enter first row of pattern, press Ⓜ to accept

6. Displays top line of the pattern. Enter last row of pattern, press Ⓜ to accept.

7. Displays first stitch/column of pattern (1). Enter first column, press Ⓜ to accept

8. Displays last stitch/column of pattern. Enter last column, press Ⓜ to accept

9. Enter FN position: green or yellow, stitch number, Ⓜ

10. Enter LH start position (usually same as FN) green or yellow, stitch number, Ⓜ

11. Enter RH end position of pattern, green or yellow, stitch number, Ⓜ

12. Press CF to ensure the pattern starts at the first programmed row.
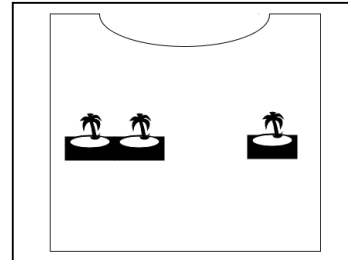13. Complete knitting from step (6) on page 2

Pattern used twice in two places

A and B can be the whole pattern, placed twice, or A and B can both be portions of the whole pattern. A and B must be the same height.
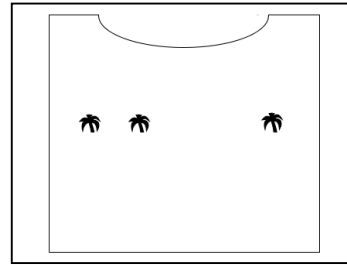
Whole pattern placed twice

1. 990 Ⓜ
2. Set all pattern variation switches to lower position
3. Set pattern selection switch to middle position Ⓜ
4. [Pattern no] e.g. 100 Ⓜ
5. Enter FN position of pattern A: green or yellow, stitch number, Ⓜ
6. Enter LH start position of pattern A (usually same as FN) green or yellow, stitch number, Ⓜ
7. Enter RH end position of pattern A, green or yellow, stitch number, Ⓜ
8. Enter FN position of pattern B: green or yellow, stitch number, Ⓜ
9. Enter LH start position of pattern B (usually same as FN) green or yellow, stitch number, Ⓜ
10. Enter RH end position of pattern B, green or yellow, stitch number, Ⓜ
11. Press CF to ensure the pattern starts at the first programmed row.
12. Complete knitting from step (6) on page 2

Part of pattern placed twice

1. 999 Ⓜ

2. Set all pattern variation switches to lower position

3. Set pattern selection switch to middle position Ⓜ

4. [Pattern no] e.g. 100 Ⓜ

5. Enter first row of pattern A Ⓜ

6. Enter last row of pattern A Ⓜ

7. Enter first stitch of pattern A Ⓜ

8. Enter last stitch of pattern A Ⓜ

9. Enter FN position of pattern A: green or yellow, stitch number, Ⓜ

10. Enter left needle position of pattern A Ⓜ

11. Enter right needle position of pattern A Ⓜ

12. Enter first row of pattern B Ⓜ

13. Enter last row of pattern B Ⓜ

14. Enter first stitch of pattern B Ⓜ

15. Enter last stitch of pattern B Ⓜ

16. Enter FN position of pattern B: green or yellow, stitch number, Ⓜ

17. Enter left needle position of pattern B Ⓜ

18. Enter right needle position of pattern B Ⓜ

19. Press CF to ensure the pattern starts at the first programmed row.
20. Complete knitting from step (6) on page 2

Note: to make pattern B start on a later row, you can also program the blank spaces that appear around the patterns at the rear of the stitch world book.