Step 2 : Initial Adjustment (Correcting for Misalignment in Bidirectional Printing)

This machine performs bidirectional printing (in which the heads perform printing during both their outbound pass and return pass). This method offers the advantage of being able to shorten output times, but subtle misalignment occurs during the outbound and return passes, which makes "bidirectional correction" necessary. This adjustment must be performed in the following cases.

- When using this machine for the first time
- When changing the media to use
- When printing is not improved by performing simple correction for bidirectional printing (P. 123, "Correcting for Misalignment in Bidirectional Printing")

1. Print the adjustment pattern for bidirectional printing.

1 **Press [MENU].**

2 **Press [▼] several times to display the screen shown below.**

```
MENU                ◀◆▶
ADJUST BI-DIR       ▶
```

3 **Press [►], then [▲] to display the screen shown below.**

```
ADJUST BI-DIR.      ◀◆▶
DETAIL SETTING      ▶
```

4 **Press [►] to display the screen shown below.**

```
DETAIL SETTING      ◀◆▶
TEST PRINT          ↵
```

5 **Press [ENTER].**
A test pattern is printed.

2. Set the correction values.

1 **When printing is finished, press [▼] to display the screen shown below.**

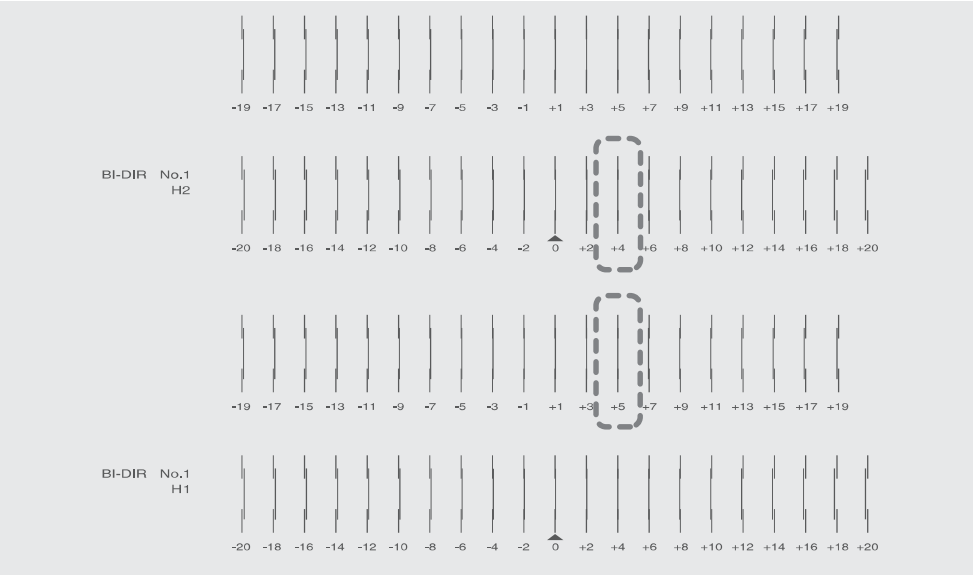
```
DETAIL SETTING      ◀◆▶
SETTING NO.1        ▶
```

2 **Press [►] to display the screen shown below.**

```
 H1  H2             ◀◆▶
  0   0             ↵
```

3 View the printed test pattern, and then determine the correction values from "BI-DIR NO.1 H1" and "BI-DIR NO.1 H2."

The test pattern is made of groups of two lines. Select the value that gives the least misalignment between the two lines. In the case of the following figure, select "+5" for H1, "+4" for H2. When you cannot choose between two sequential numbers, select a value that is between them (you can set correction values in units of "0.5").



4 Set the correction values from "H1" to "H2."

① Press [▲] or [▼] to select the correction value.

② When you have finished setting the correction values, press [ENTER].

The screen shown below appears again.

5 Press [▼] to display the screen shown below.

6 Set the correction values from "BI-DIR NO.2 H1" to "BI-DIR NO.2 H2" in the same manner as step 4.

7 **Repeat step *1* to check whether the correction was successful.**
For all the correction values, check that the misalignment is minimized for the two vertical lines indicated by "▲" (that is, the current correction value). If the misalignment is smaller for another set of vertical lines, set the correction values again.

8 **When you have successfully performed the correction, press [MENU] to go back to the original screen.**

Step 3 : Batch Settings

To ensure the optimal output according to the media size and type, you can configure various settings on this machine. It is hard work to configure these settings one at a time. You can use the "MEDIA SETTING" menu to configure the absolute minimum of necessary items as a batch. You can save the setting details as a preset. Note that you can set all the items set here individually as well.

1. Start the "MEDIA SETTING" menu.

1 **Load the media.**
Check that the media is not sagging. If any sagging exists, settings such as the correction values will not function effectively.
☞ P. 29, "Step 1 : Loading Roll Media (Setup of Media)", P. 71, "Loading Sheet Media (Setup of Media)"

2 **Press [MENU].**

3 **Press [ENTER].**

If you want to cancel the batch settings before they are completed, see the following page.
☞ P. 51, "Canceling Batch Settings before They Are Completed"

2. Set the print heater and dryer temperatures. (Separate setting ☞ P.119)

1 **Press [▲] or [▼] to set the "PRINT HEATER" temperature.**
Recommended temperature: 40 °C (104 °F)

Current set temperature
Temperature to be set

2 **Press [ENTER] to confirm your entry.**