

The following items are additions to the DX1000/DX1000N/DX2000 Custom Display User's Manual IM04L41B01-04E. Please use this document together with the User's Manual.

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Notes about Display Processing Time

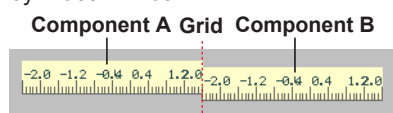
Custom display screens that are created can take longer to be displayed. If this is the case, saving of measured data and output of communication data will be performed correctly, but please be aware of the following.

- Key operations cannot be performed until display processing is finished.
- If an event associated with an event action occurs, processing of the event can be delayed until the display processing is completed.
- Web screen updating can be slower.

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Overlapping of Components

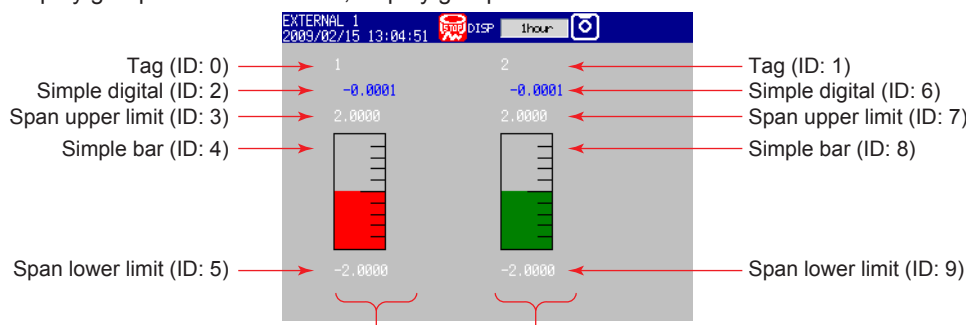
As in the figure below, when components A and B are placed side-by-side on the same grid, their sides overlap by 1 dot in width.



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Example for Group Control Settings

In the screen showing a bar graph of the measured values from 2 channels, the measured values displayed depend on the display groups as follows: display group 1 = ch 1 and ch 2; display group 2 = ch 3 and ch 4; display group 3 = ch 5 and ch 6; display group 4 = ch 7 and ch 8.

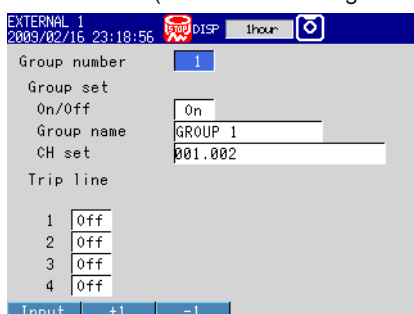


Display group 1 shows:	Channel 001	Channel 002
Display group 2 shows:	Channel 003	Channel 004
Display group 3 shows:	Channel 005	Channel 006
Display group 4 shows:	Channel 007	Channel 008

• Setup Screen and Setup Items

Display Group Settings

Press **MENU** (to switch to setting mode), and select the **Menu** tab > **Group set, Trip line**



Group number	CH set
1	001.002
2	003.004
3	005.006
4	007.008

Group 5 and group 6 are set to **Off**.

Group Control Settings

Group control is set up in the attribute dialog boxes of each individual component.

Tag (ID:0) attribute setting dialog box



Uses **GR. CTRL 1**.

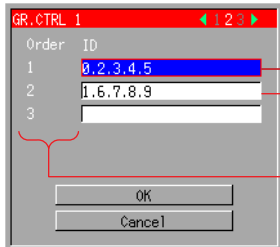
Because this component is associated with the first registered channel of each display group, set 1.

The settings can be displayed in the GR. CTRL. dialog box. They can also be edited.



This is the group number displayed when moving to the execution screen.

When switching the display group in the execution screen, this number also changes to the displayed group number.



These are the IDs of the components associated with the channel registered first in each display group.

These are the IDs of the components associated with the channel registered second in each display group.

Order means the order of channel registrations in the display group settings. In this example, channels 001, 003, 005, and 007 are registered to order 1.

<Operation>

By repeatedly pressing the right arrow key, the screen changes in the order: display group 1 -> display group 2 -> display group 3 -> display group 4 -> display group 1... and so on. Pressing the left arrow key changes the screens in reverse order. Display groups turned Off in the group settings do not appear among the switched screens.

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Note

- Depending on how trend components are configured to display, it may take some time until the custom display appears. If you want to shorten this length of time, follow the next guidelines.
 - Turn off all channel display.
 - When displaying compressed data along the time axis, decrease the compression ratio or decrease the number of trend components.
- Place push button, communication input, and switch components so that they do not overlap with trend components. If these components overlap with trend components, cursor movement when selecting those components in the execution screen can be slowed.
- If the compress ratio of a trend component is set to 2 or higher, the trend display phenomenon below can occur. This results from the limited capacity of the internal memory, and does not indicate a general malfunction. The data is written to the internal memory.
Phenomenon: when switching to the screen containing the trend display, old waveforms are erased and only waveforms part way through the data are displayed.

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Note

- If Image processing is set to On, it may take some time until the custom display appears. If you want to shorten this length of time, set Image processing to Off.
- Place bitmap files in the same directory as the custom display screen setting file (.CDC). Bitmap images in different directories cannot be displayed.
- If you use bitmap components to create a custom display in internal memory, display bitmaps on the execution screen after you create the custom display. To show a bitmap image that has never displayed at a later time, the external storage medium (CF card) that contains the bitmap file must be inserted into the DX.
- If you place multiple bitmap components such that they overlap and you want to switch between the different displays, the external storage medium (CF card) that contains the bitmap files must be inserted into the DX.