



Daqstation®

**DX1000/DX2000
DX1000N**

DXAdvanced® R2

(Release 2)

Introducing New Functions for R2

Yokogawa's latest paperless recorder evolves: Announcing DXAdvanced Release 2 (R2) DXAdvanced R2 brings increased utility through a new set of features including a function for automatically connecting DAQMASTER MW100 units to the DX (an automatic Modbus channel assignment function) and, by popular demand, a media FIFO function (a CF card storage function).

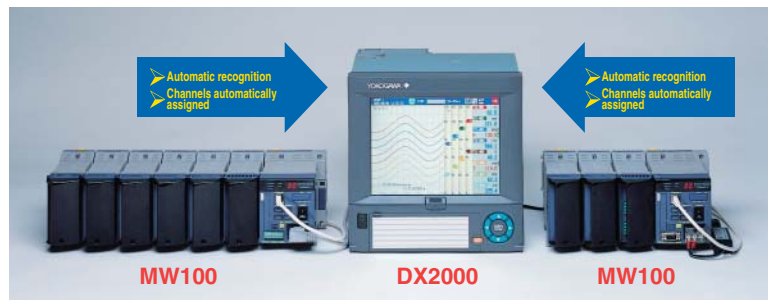
The following introduces the main functions added with DXAdvanced R2.

DXAdvanced® R2 [MW100 Automatic Assignment Function (DX2000 /MC1 Option)*]

When connecting MW100s to the DX2000 via Modbus/TCP, the channels of the MW100s (the Modbus servers) on the network are assigned to the DX2000 automatically.

With just a simple operation, the MW100 channels are recognized and assigned to the DX expansion channels automatically, making Modbus register settings and other setup unnecessary.

More easily than ever, you can take advantage a PC-free, distributed multipoint data acquisition system using the DX2000 and MW100s.



* This function only available on a DX2000 with the external input channel function (/MC1 option). Also, MW100s that support auto channel assignment are those with firmware version R2.22 or later.

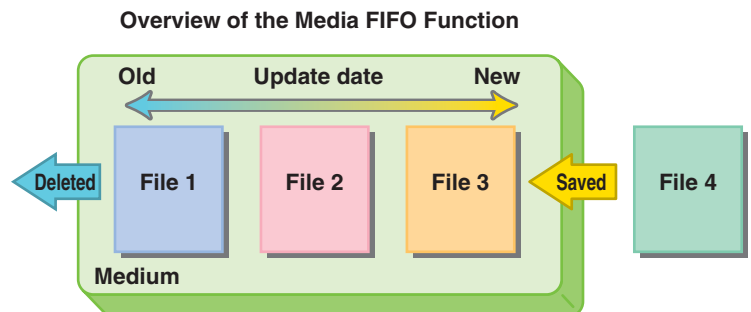
DXAdvanced® R2 [Media FIFO Function (FIFO: First In First Out)]

This function ensures that the external medium (CF card) always retains the latest data when files are saved to it automatically.

When the CF card is full, the oldest files are deleted to make room for the newest files.

The media FIFO function allows you to use the DX continuously for long periods of time without having to change the CF card.

You can also turn the media FIFO function ON/OFF with a setting, allowing you to use the conventional data save operation.



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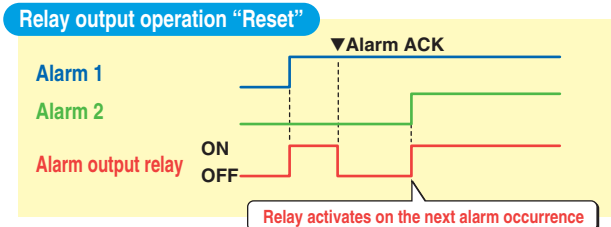
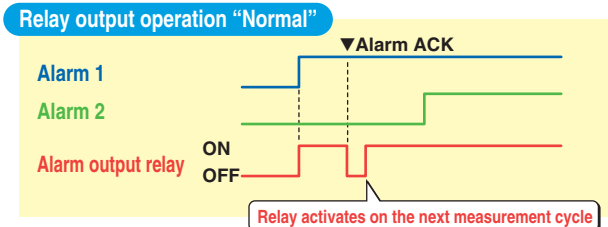


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DXAdvanced R2

DXAdvanced R2 [Alarm Output Relay Reset after Alarm ACK]

In addition to the conventional "Normal" relay output status that normally results after the alarm ACK operation, you can now also select "Reset" to deactivate relay output. This resets the relay output when the alarm ACK operation is executed, and can be used for such things as disabling the lamp or buzzer.



DXAdvanced R2 [File Sorting Function]

You can now sort files by date and time of update in the screen below. This makes it easier to view needed files.

Screens in which file sorting is available:
File list/delete, Load display data, Load event data, Load settings (Setting and Basic Setting modes)

Example of a file sort screen (the File list/delete screen)

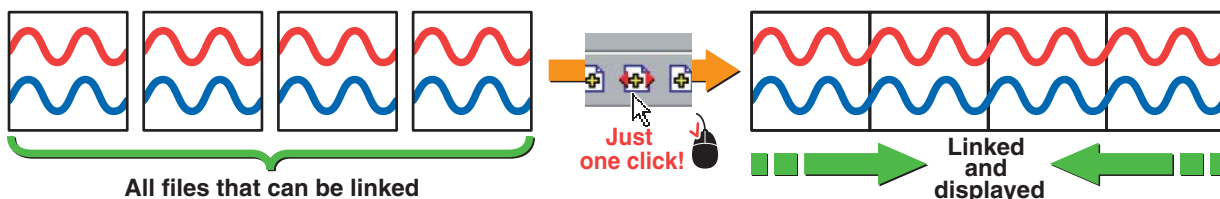
File name	Date / Time
000041_061226_1409420.DAD	06/12/26 14:09
000040_061225_1302450.DAD	06/12/26 14:09
000039_061208_1701090.DAD	06/12/25 13:02
000038_061208_1601090.DAD	06/12/08 17:01
000037_061208_1501090.DAD	06/12/08 16:01
000036_061208_1401090.DAD	06/12/08 15:01
000035_061208_1301090.DAD	06/12/08 14:01
000034_061208_1201090.DAD	06/12/08 13:01

Pressing the Sort key sorts the file list in order from the oldest to newest update date/time, or vice versa. Each time the key is pressed thereafter, the sort order reverses. The arrow next to the Date/Time column title indicates ascending or descending order.

- ▲: Sorts from oldest update date/time (ascending)
- ▼: Sorts from newest update date/time (descending)

DAQSTANDARD for DXAdvanced [Viewer Software File Linking Function]

The DAQSTANDARD for DXAdvanced standard software will also undergo a revision upgrade (to R7.21) with the release of DXAdvanced R2. A Viewer software file linking function will be added with this revision. All linkable files can be linked and displayed with a single click of the mouse.



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