

DIGITAL PROCESSOR

DP-0206

Please follow the instructions in this manual to obtain the optimum results from this unit.
We also recommend that you keep this manual handy for future reference.

ABOUT THE DQ-D01 DIGITAL I/O MODULE

This supplementary manual explains the operation of the optional DQ-D01 Digital I/O Module when using it in conjunction with the DP-0206 Digital Processor. Please also refer to the instruction manual for the DQ-D01.

Input Level Indicator (DP-0206 Instruction Manual, p. 6)

When the DQ-D01 is used in Input mode, the DP-0206's Input Level Indicator lights as follows:

RED:	Input signal level exceeds -6 dB*.
GREEN:	Input signal level is greater than -72^* dB but less than -6 dB*.
OFF:	Input signal level is less than -72 dB*.
Flashing ORANGE:	Incorrect AES/EBU signal input. → Check that the output equipment is correctly connected, or that the connected equipment is correctly providing an AES/EBU signal.
ORANGE or flashing RED:	The DQ-D01 Module is inserted into the wrong slot. → Reinsert the module correctly.

* 0 dB = Digital full scale level

Output Level Indicator (DP-0206 Instruction Manual, p. 6)

When the DQ-D01 is used in Output mode, the DP-0206's Output Level Indicator lights as follows:

RED:	Output signal level exceeds -6 dB*.
GREEN:	Output signal level is greater than -72^* dB but less than -6 dB*.
OFF:	Output signal level is less than -72 dB*.
Flashing ORANGE:	Output signal is muted.
ORANGE or flashing RED:	The DQ-D01 Module is inserted into the wrong slot. → Reinsert the module correctly.

* 0 dB = Digital full scale level

Mounting the DQ-D01 Module (DP-0206 Instruction Manual, p. 9 – 10)

Refer to the chapter "4. INSTALLATION" in the DQ-D01 Instruction Manual.

I/O Configuration Setting and Confirmation (DP-0206 Instruction Manual, p. 15)

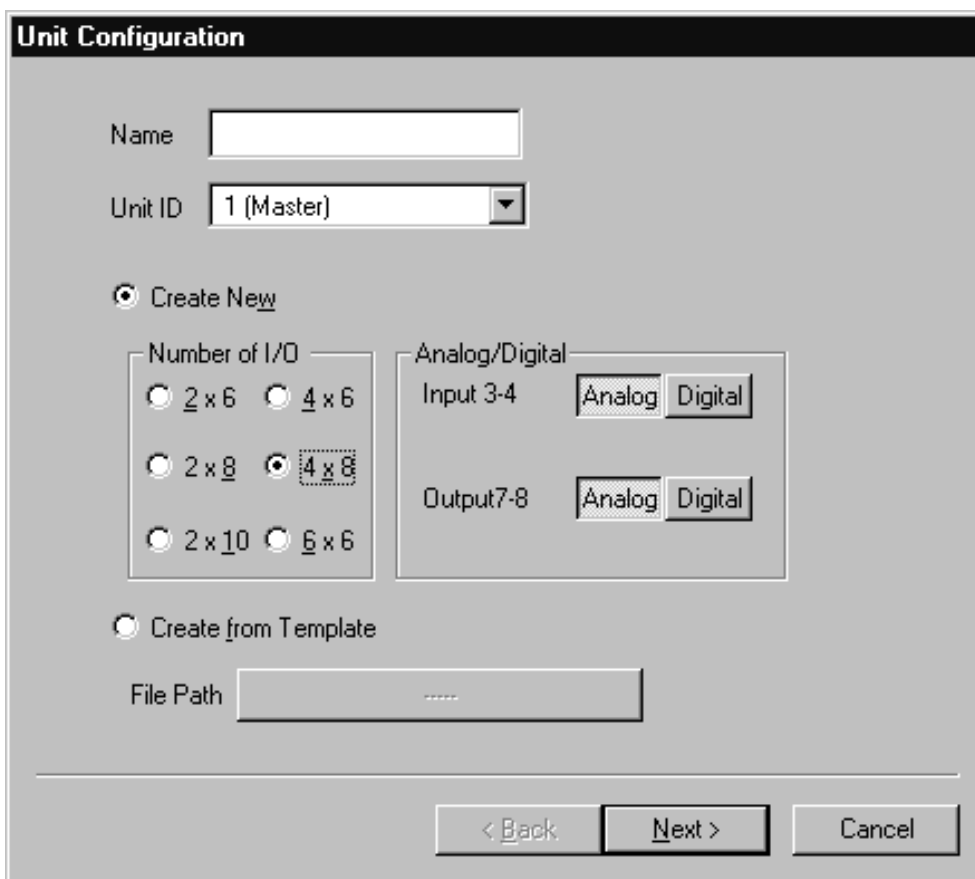
The instructions provided in the DP-0206 Instruction Manual also apply to the DQ-D01.

Specifications (DP-0206 Instruction Manual, p. 42 – 44)

The DQ-D01's specifications are contained in the DQ-D01 Instruction Manual.

Creating a Unit (DP-0206 Software Instruction Manual, p. 13)

If the number of inputs and outputs are set for any other configuration than 2x6, the Analog/Digital Selection column will be displayed on the right of the I/O No. column.



The image shows a 'Unit Configuration' dialog box. It has a title bar 'Unit Configuration'. Below the title bar, there are two input fields: 'Name' and 'Unit ID'. The 'Unit ID' field is a dropdown menu showing '1 (Master)'. Below these fields, there are two radio buttons: 'Create New' (which is selected) and 'Create from Template'. Under 'Create New', there are two main sections. The first is 'Number of I/O' with six radio button options: '2 x 6', '4 x 6', '2 x 8', '4 x 8' (which is selected and has a dashed border), '2 x 10', and '6 x 6'. The second section is 'Analog/Digital' with two rows. The first row is 'Input 3-4' with 'Analog' and 'Digital' buttons. The second row is 'Output 7-8' with 'Analog' and 'Digital' buttons. Below the 'Create from Template' radio button, there is a 'File Path' input field. At the bottom of the dialog box, there are three buttons: '< Back', 'Next >', and 'Cancel'.

- When using the DQ-D01, click on the corresponding Input/Output [Digital] button.
- When using the DQ-A01 Analog Input module or DQ-A02 Analog Output Module, click on the [Analog] button.
- Initial setting is for [Analog].

Signal Indicator (DP-0206 Software Instruction Manual, p. 22)

The following indicators will be displayed during digital input:



The following indicators will be displayed during digital output:



RED: Signal level exceeds -6 dB*.

GREEN: Signal level is greater than -72 dB* but less than -6 dB*.

GRAY: Signal level is less than -72 dB*.

* 0 dB = Digital full scale level