User's Manual

WX83
AddObserver Runtime

vigilantplant.®

YOKOGAWA
Yokogawa Electric Corporation

IM WX83-01E
5th Edition

Foreword

Thank you for purchasing the AddObserver Runtime. This user's manual contains useful information about the functions and operating procedures of this software. The AddObserver Runtime includes the software, AddObserver Panel. To ensure proper use of the instrument, please read this manual thoroughly before beginning operation. After reading the manual, keep it in a convenient location for quick reference in the event a question arises.

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Revisions

- 1st Edition July 2003
- 2nd Edition August 2005
- 3rd Edition March 2006
- 4th Edition June 2007
- 5th Edition January 2009

5th Edition : January 2009 (YK)

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Overview of This Manual

Structure of This Manual

This manual consists of three chapters and an index as shown below.

Chapter	Title	Description
1	**Before Using the Software**	Gives an overview of the AddObserver Runtime. Also provides a list of PC system requirements and instructions for installing the software.
2	**Monitoring with AddObserver Panel**	Explains how to use a panel to monitor measured data, how to configure label displays, and how to display trend graphs.
3	**Responding to Error Messages**	Lists each error message and their corrective actions, and explains how to check the version of the AddObserver Panel.
Index		An alphabetical index.

Scope of This Manual

This manual explains the basic operations of the software when operated on Windows 2000, Windows XP, and Windows Vista. For specific information on your operating system please refer to the user's guide that came with it.

Conventions Used in This Manual

- **Units**
  K: Denotes *1024*. Example: 100 KB
  M: Denotes *1024 K*. Example: 10 MB
  G: Denotes *1024 M*. Example: 2 GB

- **Bolded Items**
  Items set in boldface mainly refer to on-screen interface elements such as menus, commands, dialog boxes, and buttons, or keys on the keyboard.

- **Headings Used for Descriptions of Operations**
  The following headings are used to distinguish procedural instructions from other information given in chapters 1 through 3.

Procedure This subsection contains the operating procedure used to carry out the function described in the current section. All procedures are written with inexperienced users in mind; experienced users may not need to carry out all the steps.

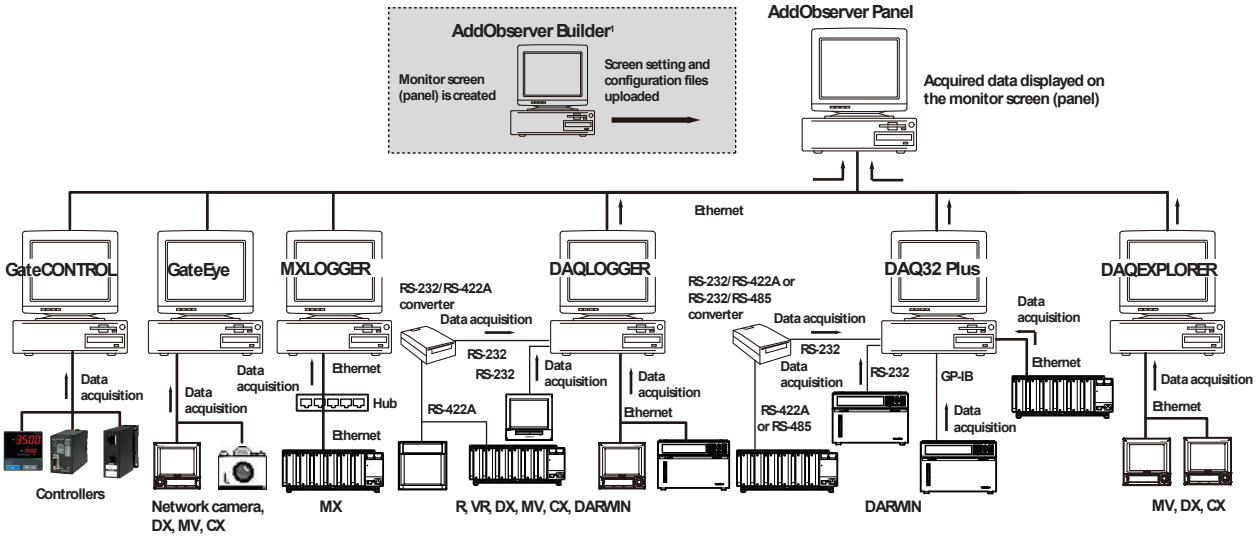
Note Calls attention to information that is important for proper operation of the instrument.

Contents

1.1 Overview of the AddObserver Runtime

AddObserver Runtime

AddObserver Runtime Package is a monitoring application that connects with monitor servers from YOKOGAWA'S DAQ32 Plus, DAQEXPLORER, DAQLOGGER, MXLOGGER , GateCONTROL and GateEye, and displays the acquired measurement data on user-created monitor screens. The monitoring screen (panel) can be custom-ordered through one of our representatives.



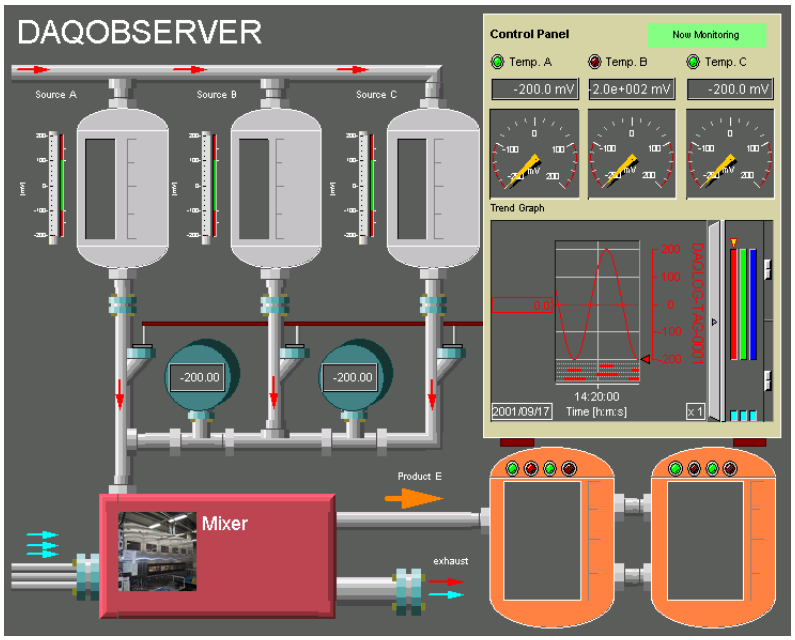
[1] **The AddObserver Runtime Package does not include the software, AddObserver Builder. Please inquire with one of our representatives for more information on AddObserver Builder, the development tool for creating monitor screens.**

The software's main functions are as follows:

- Reads in the setting files (with extension .gob) and configuration files (with extension .cob) for the monitor screen (panel) created by our representative, and allows you to monitor measurement data acquired on the DAQ32 Plus, DAQEXPLORER, DAQLOGGER, MXLOGGER, or GateCONTROL and Screen data on the GateEye.
- Allows you to switch to labels to display channel numbers, tag numbers, and tag comments.
- Displays data from multiple monitor servers (DAQ32 Plus, DAQEXPLORER, or DAQLOGGER) , GateCONTROL and GateEye on a single panel.
- Able to connect with up to 16 servers simultaneously.
- Displays up to 16 screens.

An Example of a Panel and Its Objects

- **Example Panel**



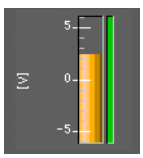
- **Panel Objects**
  A panel is made up of objects that display such information as measured data, waveforms, and alarms.

- **Value Rectangle**
  Displays the value of a specified channel in a rectangle whose top and bottom sides correspond to the maximum and minimum values for that channel.

- **Indicator**
  Displays the specified alarm. Blinks red during an alarm, and lights green when no alarm is occurring. Remains black if no alarms are specified.

- **Digital**
  Displays the value of the specified channel in digital format.

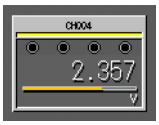
- **Bar Meter**
  Displays the value of the specified channel in bar format.



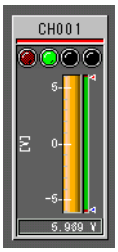
- **Analog Meter**
  Displays the value of the specified channel on an analog dial.

- **Thermometer**
  Displays the value of the specified channel on a thermometer.

- **Meter Set**
  Meter sets consist of a tag, four indicators, and a meter object. Tags display the tag name of the specified channel. Indicators display alarms 1 through 4 on the specified channel in order from left to right. Meter objects display the value of the specified channel in digital, analog, bar, or thermometer formats.
  - **Digital Meter Set**
    A meter set with a digital meter.

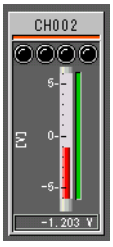


  - **Bar Meter Set**
    A meter set with a bar meter.

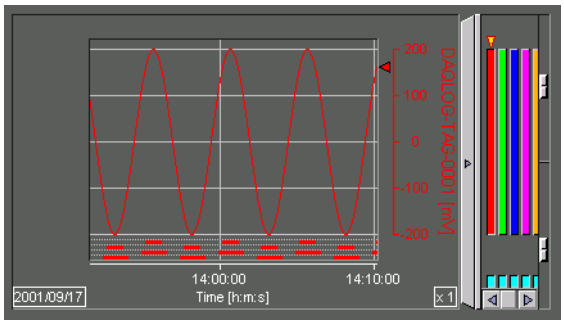


  - **Analog Meter Set**
    A meter set with an analog dial.

  - **Thermometer Set**
    A meter set with a thermometer.



- **Trend Graph**
  Displays waveforms for the specified channels.



- **Picture**
  A user-specified bitmapped image.

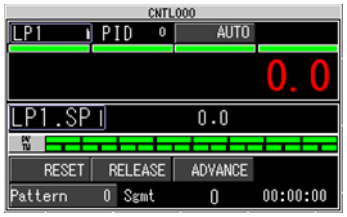
- **Button**
  Performs one of the following functions that is assigned to the button.
  - Acknowledge the alarm occurrence and stop the alarm sound.
  - Show the monitor window that is assigned to the button.
  - Hide the monitor window that is assigned to the button.

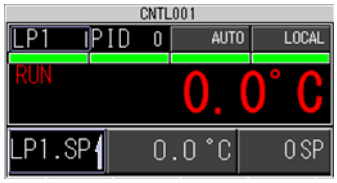
- **Monitor**
  Arranges the GateEye images.

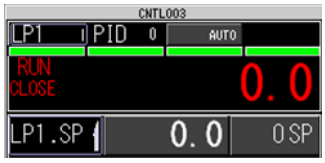
- **Numeric Out**
  Sends numerical values to the I/O Channel host.
  Displays the values from the channels corresponding to output channels.

- **Selectable Out**
  Selects strings to which numerical values are registered and sends them to the I/O Channel host.
  Converts values from channels corresponding to output channels to character strings registered on the builder and displays them.

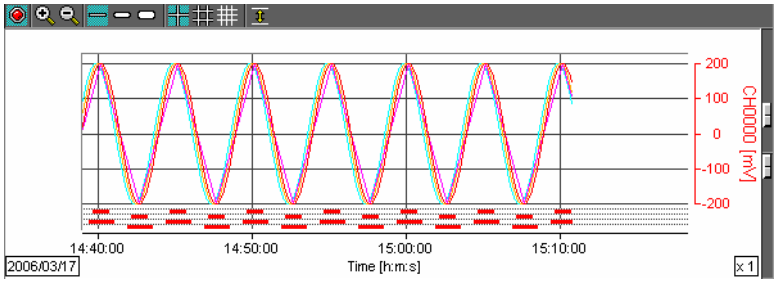
- **Temperature Controller Parts**
  Displays the screens of the temperature controller parts to which controllers were assigned.







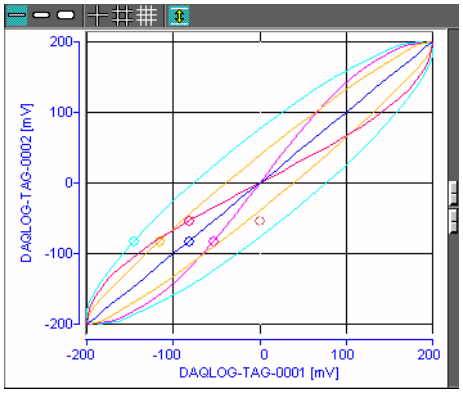
- **Extended Trend Graph**
  The extended trend graph displays up to 1600 of the same FIFO channels.



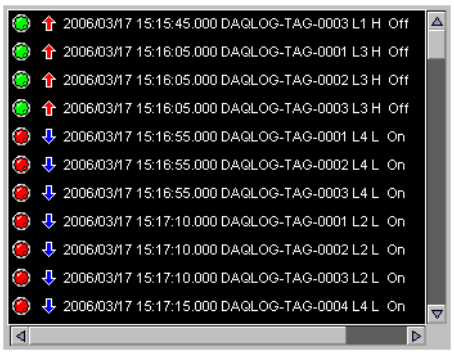
- **Extended Indicator**
  Blinks in the color specified for alarms in AddObserver when an alarm occurs on one of the several assigned channels (alarms). If an alarm occurred in the past, the outline of the extended indicator blinks in red. If you click the indicator, just the outline returns to normal.

Normal | **Alarm occurring** | **Alarm occurred in the past** | **Alarm acknowledged**

- **X-Y Graph**
  The X-Y graph displays waveforms from up to 32 channels each on the X and Y axes. Only the number of data specified on AddObserver Builder are displayed as waveforms. The operation of the graph is the same as that of the trend and extended trend graph.



- **Alarm Summary**
  Up to 100 past alarms ca be displayed in specified channel rang.



1.2 System Requirements and Supported Monitor Servers

PC System Requirements

- **Operating System (OS)**
  Run DAQWORX under any of the following operating systems.
  - Windows 2000 Professional SP4
  - Windows XP Home Edition SP2, SP3
  - Windows XP Professional SP2, SP3 (excluding Windows XP Professional x64 Edition)
  - Windows Vista Home Premium, SP1 (excluding the 64-bit edition)
  - Windows Vista Business, SP1 (excluding the 64-bit edition)

  The language displayed by the software under different language versions of the OS are as follows.

OS Language	Software Language
Japanese	Japanese
Other	English

- **PC**
  A PC that runs one of the OS above, and that meets the following CPU and memory requirements.

  When Using Windows 2000 or Windows XP
  Pentium 4, 1.6 GHz or faster
  512 MB or more of memory

  When Using Windows Vista
  Pentium 4, 3 GHz or faster
  2 GB or more of memory

- **Hard Disk**
  Free disk space: 200 MB or more

- **CD-ROM Drive (for Use during Installation)**

- **Mouse**
  A mouse supported by the OS.

- **Monitor**
  When Using Windows 2000 or Windows XP
  A monitor supported by the OS of 1024 × 768 dot or higher and 65,536 colors or more.
  When Using Windows Vista
  A video card recommended for use with Vista and a monitor supported by the OS of 1024 × 768 dot or higher and 65,536 colors or more.

- **Communications Interface**
  An Ethernet port supported by your operating system. Also, TCP/IP must be installed.

Note

- Do not use the time zone settings in the Windows Autoexec.bat file. If you see lines such as *TZ-GTM0* in your Autoexec.bat file, deactivate them by inserting a REM command in front.
- This software will not support data acquired after the year 2038.

Supported Monitor Servers

AddObserver Panel can connect to the following five monitor servers.

- DAQ32 Plus
- DAQEXPLORER (R2.03 or later)
- DAQLOGGER
- MXLOGGER
- GateCONTROL
- GateEye

Note

- The AddObserver can connect with up to 16 monitor servers simultaneously.
- To maximize connection speeds, we recommend that you reduce the traffic on the network when using the DAQ32 Plus and DAQLOGGER, and make sure that you are running the latest version of the software.

1.3 Connecting to the Monitor Server

To use the functions of this software, it is necessary to connect to either the DAQ32 Plus, DAQEXPLORER, DAQLOGGER, or MXLOGGER monitor server and GateEye. Connect to the server you will be using, then proceed to chapter 2, “Using the AddObserver Panel.”

Procedure

For DAQ32 Plus

1. Start DAQ32 Plus. For details, see section 2.1, “Launcher Software” in the DAQ32 Plus User’s Manual (IM DP320-61E).
2. Start the logger software. For details, see section 5.1, “Operating Logger Software” in the DAQ32 Plus User’s Manual (IM DP320-61E).
3. Start the monitor server. For details, see section 5.16, “Using the Monitor Server” in the DAQ32 Plus User’s Manual (IM DP320-61E).

For DAQEXPLORER

Start DAQEXPLORER R2.03 or later (DAQ Desktop). For details, see section 2.1, “Starting and Exiting the DAQ Desktop” in the DAQEXPLORER User’s Manual (IM 04L02A01-62E).

For DAQLOGGER

1. Start the DAQLOGGER. For details, see section 2.3, “Starting DAQLOGGER” in the DAQLOGGER User’s Manual (IM 04D05C01-62E).
2. Start the monitor server. For details, see section 2.12, “Setting Up the Monitor Server” in the DAQLOGGER User’s Manual (IM 04D05C01-62E).

For MXLOGGER

1. Start the MXLOGGER. For details, see the MXLOGGER User’s Manual (IM WX103-01E).
2. Start the monitor server. For details, see the MXLOGGER User’s Manual (IM WX103-01E).

For GateCONTROL

Start the GateCONTROL. For details, see the GateCONTROL User’s Manual (IM WX1-07E).

For GateEye

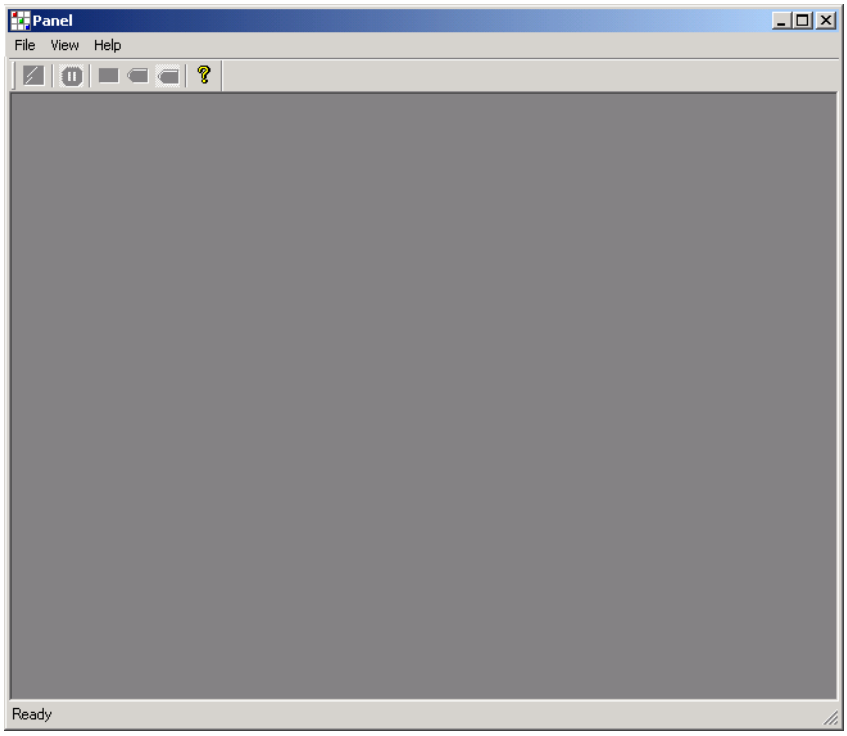
Start the GateEye. For details, see the GateEye User’s Manual (IM WX1-01E).

2.1 Starting AddObserver Panel

Procedure

Select **Start** > **Programs** > **YOKOGAWA DAQWORX** > **AddObserver Runtime** > **Panel**.

AddObserver Panel starts, and the Panel screen is displayed.



Note

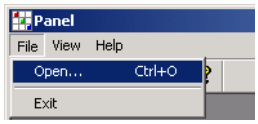
When installing AddObserver Panel from the AddObserver, select **Start** > **Programs** > **YOKOGAWA DAQWORX** > **AddObserver** > **Panel**.

2.2 Opening the Panel, Connecting to the Monitor Server, and Checking the Communication Status

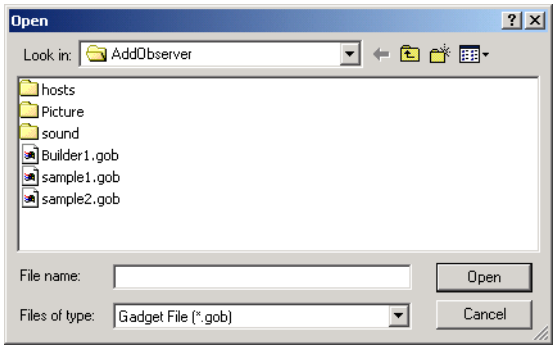
Opening the Panel

Procedure

1. Choose **File > Open**.



The **Open** dialog box is displayed.

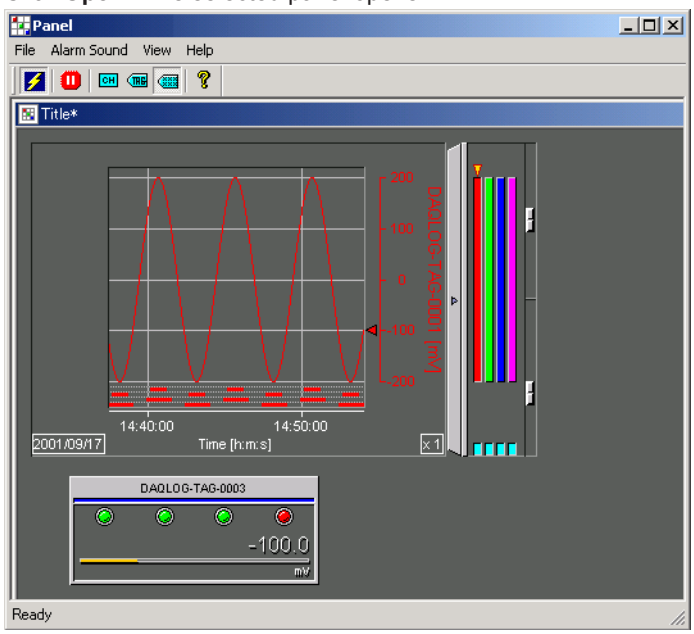


2. In the **Look in** list, select the location of the desired file, then in the **Files of type** list select Gadget File (*.gob), and finally, in the **File name** box type or select the name of the desired file.

Note

- A maximum of 16 panels can be opened at the same time.
- If you open a panel on which a monitor window was added and created using ADDOBSERVER Builder, the sub windows are also opened at the same time. However, the sub windows set to hide are not opened.
- There are two file types associated with this software, .gob and .cob. Only the .gob files can be opened by the panel. The .gob and .cob files exist as a pair. If you delete a .cob file or change its name, the corresponding .gob file will become unreadable.

3. Click **Open**. The selected panel opens.



Connecting to the Monitor Server

If you have already established a connection to the monitor server, the software automatically accesses the connection when you open a panel.

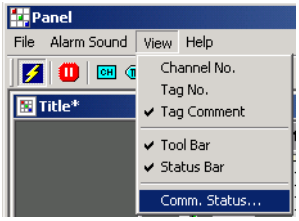
Note

- To establish a connection ahead of time, follow the instructions in section 1.4, “Connecting to the Monitor Server” before opening a panel.
- The measured data displayed in the panel is linked to the objects used when the panel was created with the development tool. If the measured data transmitted to the monitor server on the DAQ32 Plus, DAQEXPLORER, DAQLOGGER, MXLOGGER, GateCONTROL, or GateEye changes, the measured data displayed in the panel also changes.

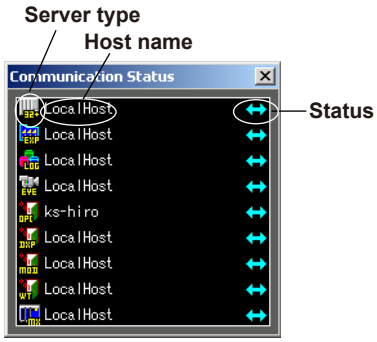
Checking the Communication Status

Procedure

Choose **View > Comm. Status**.



The Communication Status window is displayed.



The contents of the Communication Status windows consist of the following three items.

- **Server Type**

  DAQ32 Plus monitor server
  DAQEXPLORER monitor server
  DAQLOGGER monitor server
  MXLOGGER monitor server
  GateCONTROL
  GateEye
  Failed or unrecognized connection

- **Host Name**
  The name of the connected host.

- **Status**

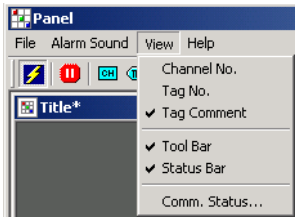
  (Red) Connection failed.
  (Yellow) Connection not complete. Attempting to connect.
  (Blue) Connection successful.

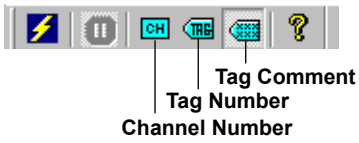
2.3 Switching Label Displays

You can switch a label to display the channel number, tag number, or tag comment.

Procedure

Select **Channel No.**, **Tag No.**, or **Tag Comment** from the **View** menu, or click the **Channel No.**, **Tag No.**, or **Tag Comment** buttons on the toolbar. The label displays will change accordingly.





Note

The View menu's Channel No., Tag No., and Tag Comment commands are only available when a panel is open.

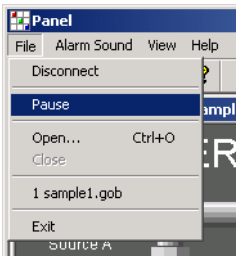
2.4 Pausing and Resuming the Panel Display

Pause and resume the display update during monitoring.

Pausing the Panel Display

Procedure

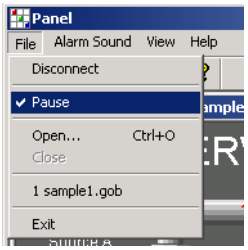
Select **File** > **Pause**, or click the **Pause** button on the toolbar. The panel's display pauses.



Resuming the Panel Display

Procedure

While the display update is paused, select **File** > **Pause**, or click the **Pause** button on the toolbar. The panel's display resumes.



Note

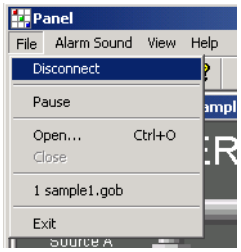
You can change the display format for trend graphs, extended trend graphs, and X-Y graphs while the panel display is paused. For details, see section 2.7.

2.5 Disconnecting/Reconnecting the Monitor Server

Disconnecting from the Monitor Server

Procedure

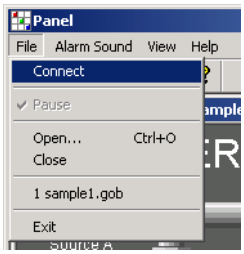
Select **File** > **Disconnect**, or click the **Connect/Disconnect** button on the toolbar.



Reconnecting to the Monitor Server

Procedure

While the server is disconnected, select **File** > **Connect**, or click the **Connect/Disconnect** button on the toolbar.



Note

You can change the display format for trend graphs, extended trend graphs, and X-Y graphs while the monitor server is disconnected. For details, see section 2.7.

2.6 Restricting Operation of Out Objects

Out objects can only be operated by users who can log in at or above the protection level specified for the object (0, 1, 2, 3), and is disabled for users who cannot login.
If the protection level is 0, operation is not restricted.
A protection level can be set for the following objects.

- Temperature controller parts
- Numeric out objects
- Selectable out objects

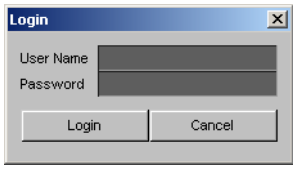
Protection is enabled when the panel file specified by the user in AddObserver is opened. The user name and password are entered, and login succeeds only if there is a match. If another user is logged in, usage is restricted to the protection level of any user logging in thereafter. The panel file is restricted by the protection level of the user from login to logout, or of any subsequent user from that user's login to logout. When no users are logged in, only objects of protection level 0 can be operated.

Logging In

Procedure

1. From the Protect menu, choose Login.

2. Enter the user name and password in the dialog box and click the Login button.



Logging Out

Procedure

1. From the Protect menu, choose Logout.

2.7 Changing the Trend Graph, Extended Trend Graph, and X-Y Graph Display Method

When a graph (Trend Graph, Extended Trend Graph, or X-Y Graph) is included in the panel, the graph's display format can be changed in the following instances (when the graph display change toolbar is displayed).

- When the panel display is paused (section 2.4)
- When the monitor server is disconnected (section 2.5)

The following is a description of the main display items. Items not explained herein are the same as for the DAQ32 Plus, DAQEXPLORER, DAQLOGGER, MXLOGGER, or GateEye. Refer to the respective user's manual for those items.

Graph Display Setting Toolbar Items

- Alarm[2]
- Zoom In[2]/Zoom Out[2]
- User Zone[1]/Edit Zone[1]/Full Zone[1]/Slide Zone[1]/Auto Zone[1]/Multi-Axes Zone[1]
- Normal Line/Medium Line/Thick Line
- Grid density (three types)
- Clip
- Grid color/Background color/Curtain[1]/Scroll bar[1]

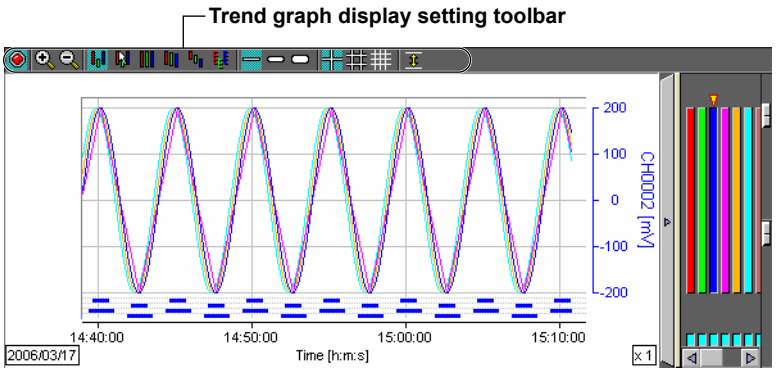
1 Trend Graph only
2 Trend Graph and Extended Trend Graph only

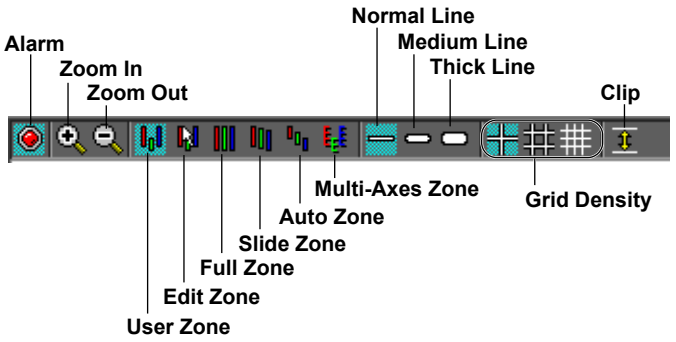
Note

The extended trend graph can display 1600 channels, but the speed of the display update may decrease as the number of display channels increases.

Procedure

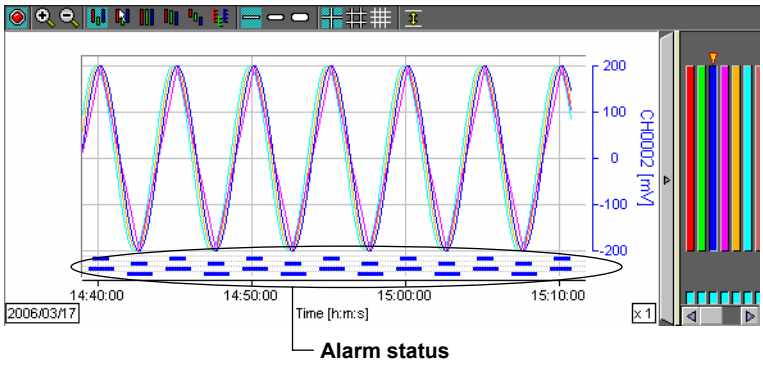
1. Pause the panel display or disconnect the monitor server (for details, see section 2.4 or 2.5). The trend graph display icons are displayed.





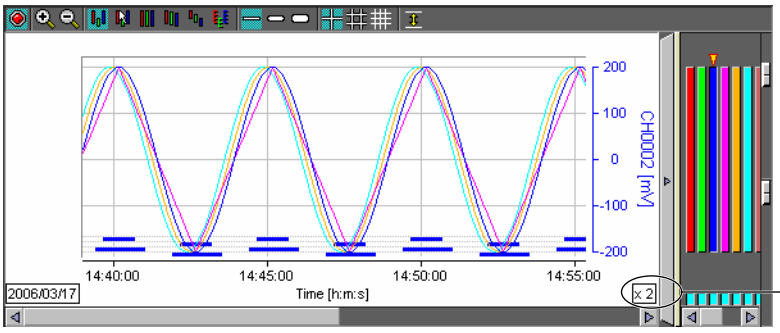
- **Displaying Alarms**
  You can turn alarm displays ON and OFF.

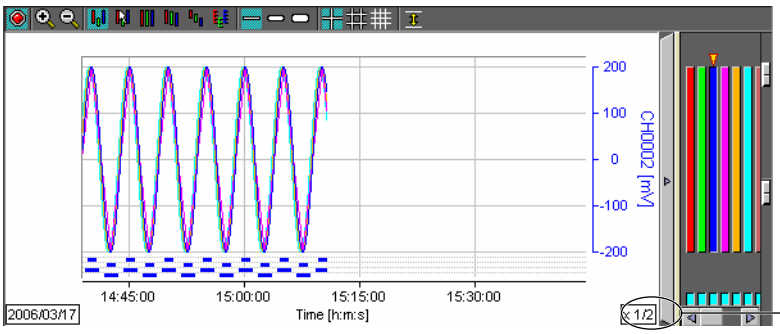
  2. Click the **Alarm** button on the toolbar. The alarm status (tag) for each channel is displayed. However, no alarms will be displayed if the data being read has no alarm data.



- **Zooming In and Out on the Time Axis**
  You can adjust the time axis of the displayed waveform.

  2. Click the **Zoom In** or **Zoom Out** button on the toolbar. The waveform is zoomed in and out along the time axis (horizontally).





Note

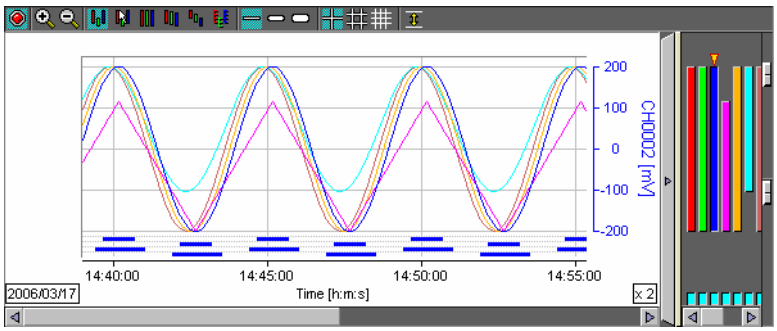
- There are five zoom in levels: 1, 2, 5, 10, and 20.
- There are nine zoom out levels: 1/1000, 1/500, 1/200, 1/100, 1/50, 1/20, 1/10, 1/5, and 1/2. However, since the displayable zoom factor varies depending on the number of pixels in the area of the displayed waveform, the zoom factor changes with the size of the panel screen.
- Depending on the zoom factor, the date and time format is automatically switched (for example, MM/DD HH:MM or HH:MM:SS etc.)

- **Selecting a Y-Axis Display Zone**
  You can change the waveform display method.

  2. Click **User Zone**, **Edit Zone**, **Full Zone**, **Slide Zone**, **Auto Zone**, or **Multi-Axes Zone** on the toolbar.

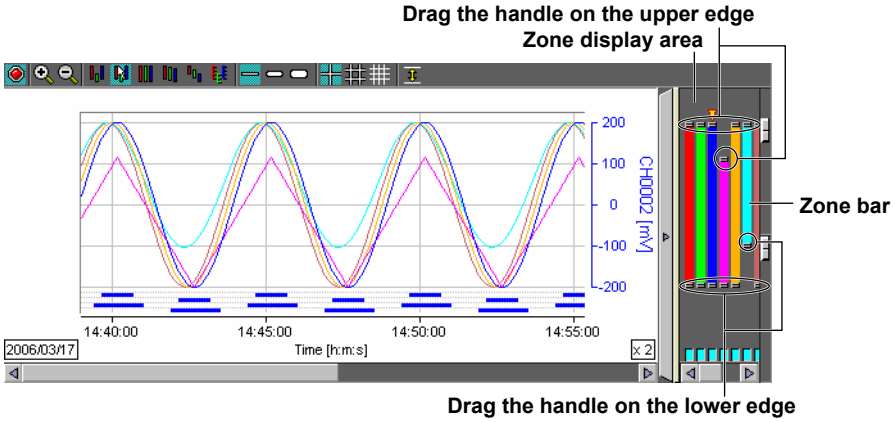
User Zone

Set the y-axis as a user zone. This causes the zone to be uneditable using the panel.



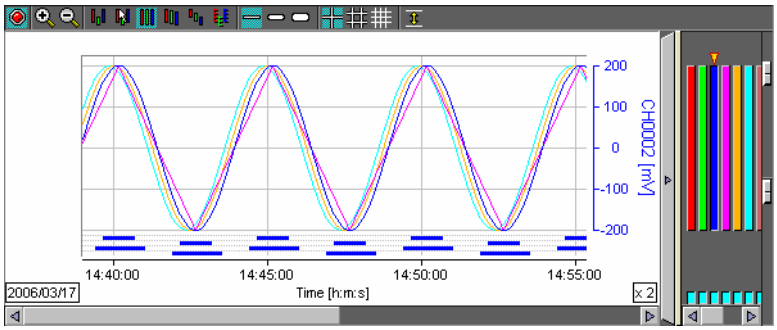
Edit Zone

Set the y-axis as an editable zone. The zone can be edited in the trend graph's zone display area. In the zone display area, drag the handle on the upper or lower edge of the zone bar to change the zone.



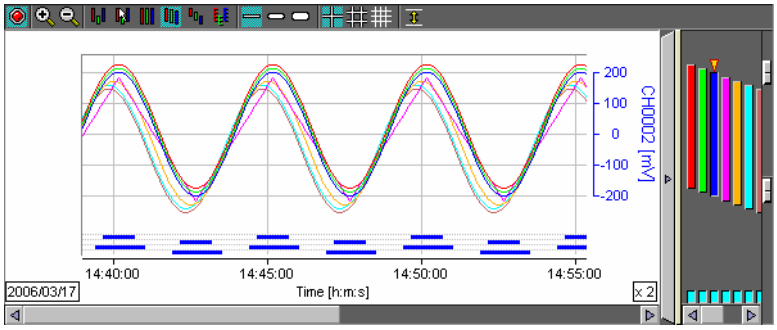
Full Zone

Assigns the zone to all the currently displayed waveforms.



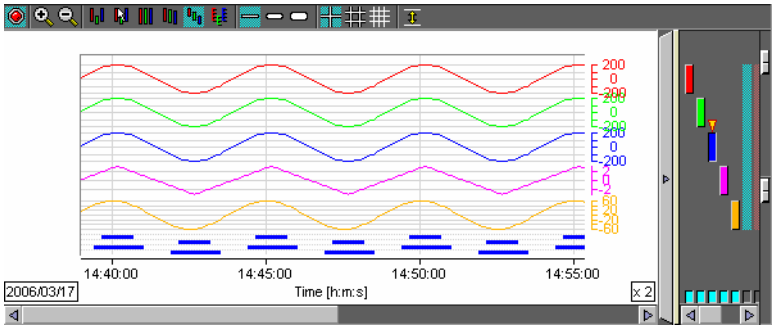
Slide Zone

Unifies the widths of each waveform's zone, then staggers the starting position of each zone.



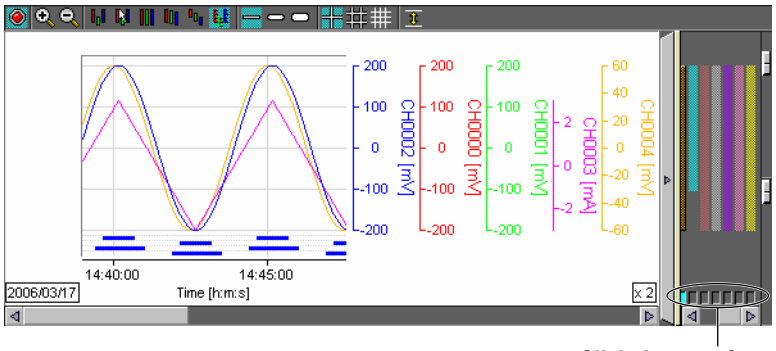
Auto Zone

Accounts for the number of displayed waveforms and divides up their waveform display areas equally.



Multi-Axes Zone

Displays multiple y-axes (scales). By dragging the zone bar/y-axis of the waveforms whose Waveform Display ON/OFF Boxes are ON, you can turn the y-axis display ON and OFF.

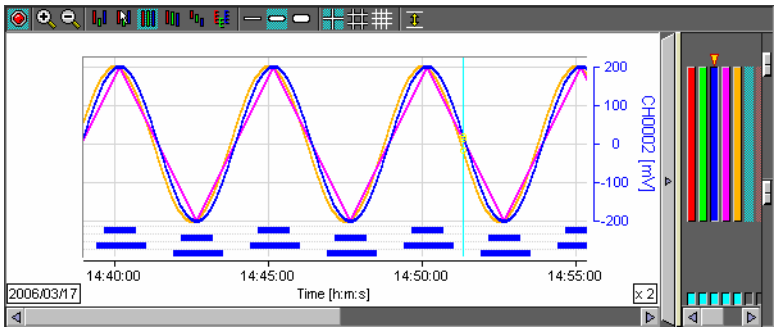


Click the waveform display ON/OFF button

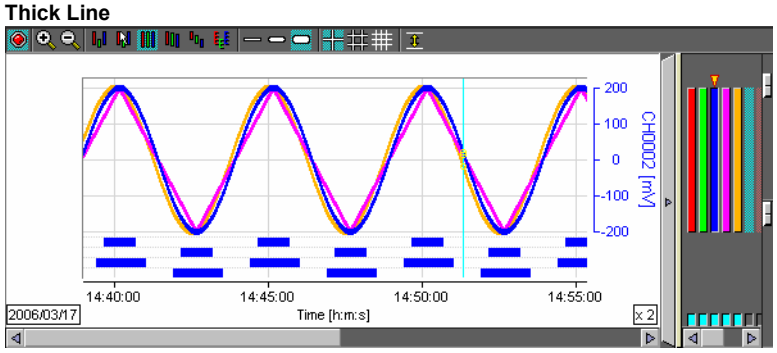
- **Changing the Line Thickness**
  You can change the line thickness of the displayed waveform. The default setting is Normal Line.

  2. Click the **Normal Line**, **Medium Line**, or **Thick Line** button on the toolbar.

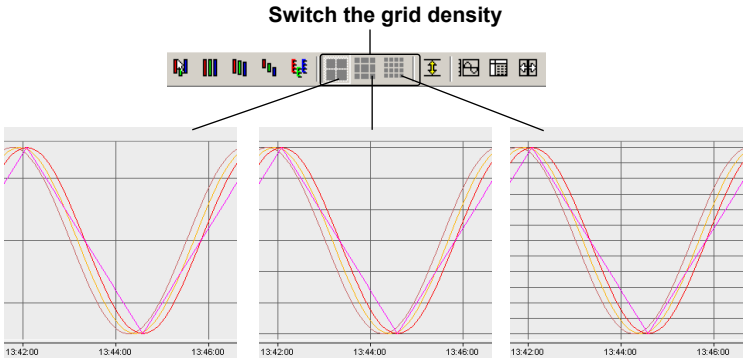
Medium Line



Thick Line



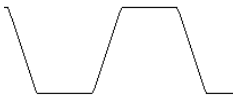
- **Changing the Grid Display**
  You can select one of three grid types.



- **Applying a Display Limit (Clip)**
  You can specify how waveforms outside of the display range are displayed.

  2. Click the **Clip** button on the toolbar.

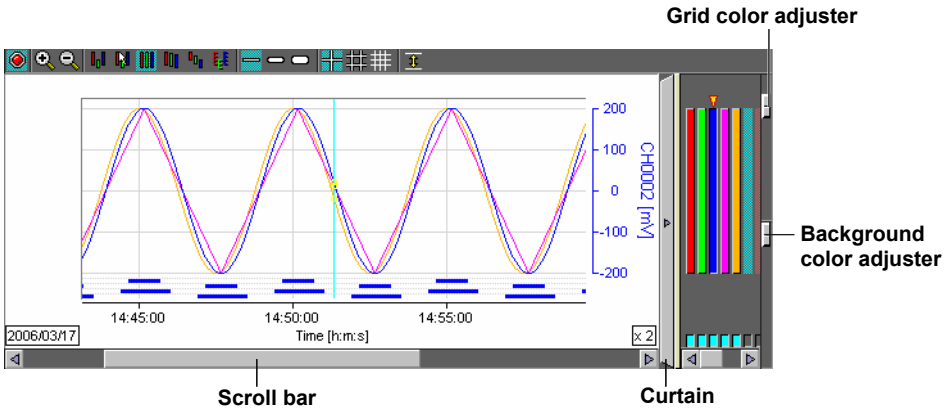
With Limit Applied



Without Limit Applied

The displayed area of the waveform along the y-axis is limited by the specified minimum and maximum range values. Measured values lower than the minimum are displayed at the minimum value of the scale, and values higher than the maximum are displayed at the maximum value of the scale.

- **Grid Color/Background Color/Curtain/Scroll Bar**
  The grid color, background color, and curtain can be adjusted while connected to the monitor server or while the panel display is not paused. The scroll bar is only available when disconnected from the monitor server or when the panel display update is paused.



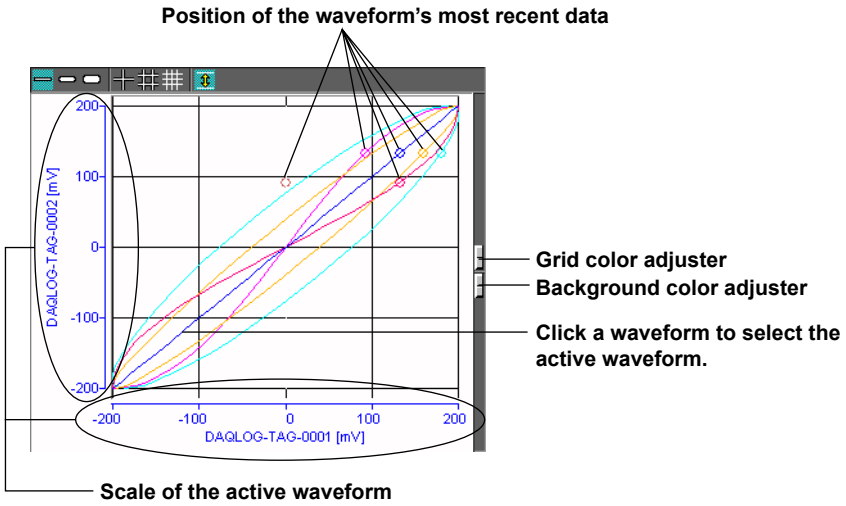
Grid Color Adjuster
Adjusts the brightness of the grid.

Background Color Adjuster
Adjusts the brightness of the background.

Curtain
Hides or reveals the zone display area.

Scroll Bar
Adjusts the position of the displayed waveforms.

Changing the X-Y Graph Display Method
If the X-Y graph's Clip property is turned ON (blue) in AddObserver, the X-Y graph displays the most recent data position.

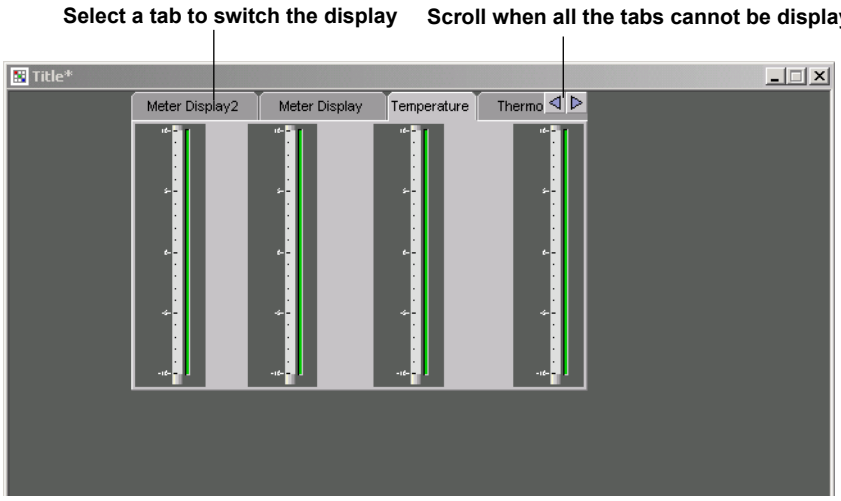


Note

The time for display updating may increase since more time is required for plotting waveforms of thicker lines.

2.8 Operating the Tab Display

The objects that have been set to tab display on ADDOBSERVER Builder are displayed as follows:

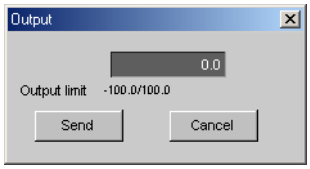


2.9 Operating a Numeric Out Object

The numeric out object sends numerical values to the I/O Channel host.
The numeric out object displays the values from the channels corresponding to output channels.

Procedure

1. If you click a numeric out part in AddObserver panel whose direct output property was turned OFF in AddObbserver Builder, the following dialog box appears.



2. Change the value, then click the **Send** button.
   Numerical values are sent to the I/O Channel host.

   If you click a numeric out part in AddObserver panel whose direct output property was turned ON in AddObbserver Builder, the dialog box is not displayed, and the display area of the numeric out part becomes a numeric input screen.

Note

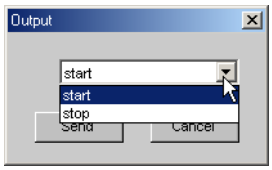
- If an error occurs in I/O Channel, the error is not displayed. Errors are likewise not displayed when communication with the server (I/O channel host) is broken, or if there is a problem between the server and connected instruments.
- If communication with the monitor server fails for some reason such as a cable becoming disconnected during transmission, the output values are not resent even if the cable is reconnected.
- If the server (GateCONTROL) determines that the output value falls outside of the range on the instrument (temperature controller) the value is not sent to the instrument.

2.10 Operating the Selectable Out Object

The selectable out object is used to select strings to which numerical values are registered and send them to the I/O Channel host. The selectable out object selects values from channels that correspond to output channels for strings registered on the builder and displays them.

Procedure

1. If you click a selectable out part in AddObserver panel whose direct output property was turned OFF in AddObbserver Builder, the following dialog box appears.



2. Click the list button to select a character string, then click the **Send** button.

   The corresponding numerical value is sent to the I/O Channel host.

   If an error occurs in an I/O Channel, the error is not displayed. Also, if the value from the channel corresponding to the output channel is not registered, nothing is displayed.

   If you click a selectable out part in AddObserver panel whose direct output property was turned ON in AddObbserver Builder, the dialog box is not displayed, and the display area of the selectable out part becomes a setting screen.

Note

- If an error occurs in I/O Channel, the error is not displayed. Errors are likewise not displayed when communication with the server (I/O channel host) is broken, or if there is a problem between the server and connected instrument.
- If communication with the monitor server fails for some reason such as a cable becoming disconnected during transmission, the output values are not resent even if the cable is reconnected.
- If the server (GateCONTROL) determines that the output value falls outside of the range on the instrument (temperature controller), the value is not sent to the instrument.

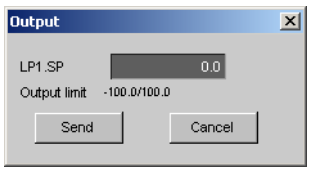
2.11 Operating Temperature Controller Parts

The temperature contoller is a GateCONTROL-specific object. The objects and channels assigned using the models set in GateCONTROL are different, and only existing channels are displayed. Temperature controller parts consist of numeric out, selectable out, alarms, digital meters, and other objects, and clicking numeric out displays a dialog box from which you can edit or send values.

Procedure

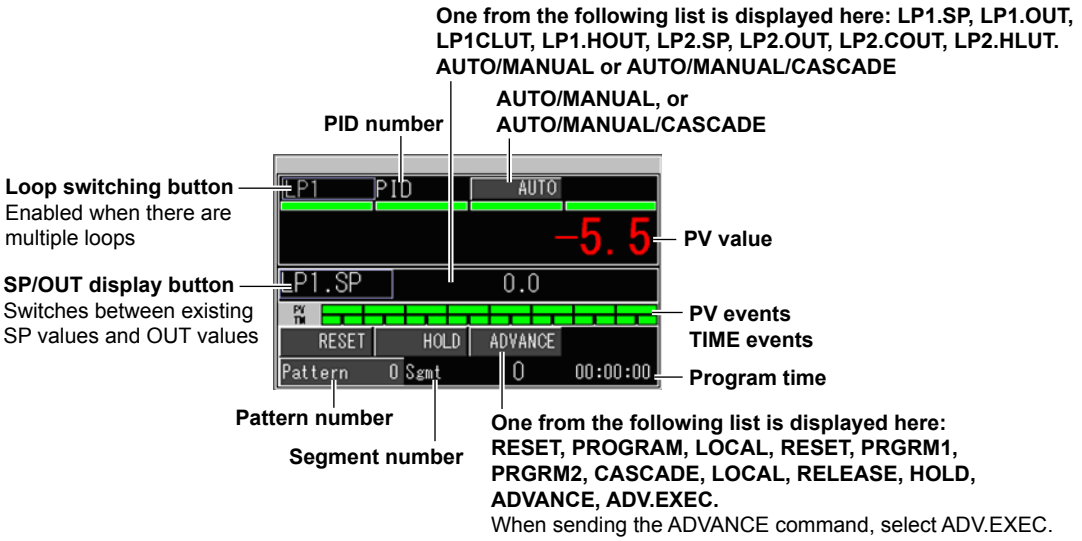
1. Click a component object of the temperature controller part created in AddObserver builder.

   If you click a temperature controller part in AddObserver panel whose direct output property was turned OFF in AddObbserver Builder, the following dialog box appears. Enter a setting and click the Send button.

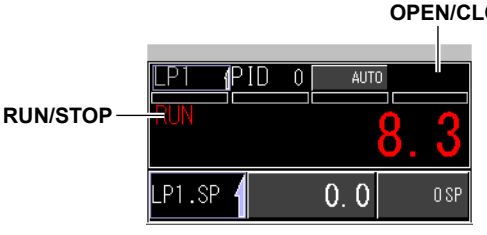


   If you click a temperature controller part in AddObserver panel whose direct output property was turned ON in AddObbserver Builder, the dialog box is not displayed, and the display area of the temperature controller part becomes a numeric input screen.

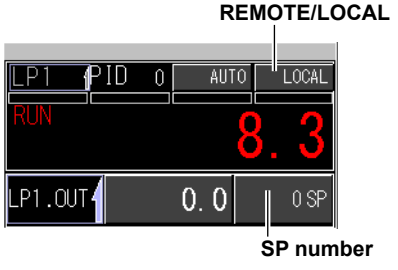
For the UP750



For the US1000



For the UT750



Note

- If an error occurs in I/O Channel, the error is not displayed. Errors are likewise not displayed when communication with the server (I/O channel host) is broken, or if there is a problem between the server and connected instruments.
- If communication with the monitor server fails for some reason such as a cable becoming disconnected during transmission, the output values are not resent even if the cable is reconnected.
- If the server (GateCONTROL) determines that the output values fall outside of the range on the instrument (temperature controller), the values are not sent to the instrument.

2.12 Playing, Stopping, and Acknowledging Alarm Sounds

You can perform the following operations on panels that have alarm sounds specified.

- Stop the alarm sound (Off).
- Play the sound of alarms that have not been acknowledged (On).
- Acknowledge alarm sounds (ACK)

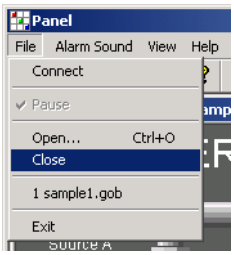
Procedure

1. Choose **Alarm Sound > On** (or **Off)** or **ACK**.

2.13 Closing the Panel

Procedure

1. Disconnect from the monitor server. For details, see section 2.5.
2. Select **File > Close**, or click the **Close** button on the right corner of the title bar.

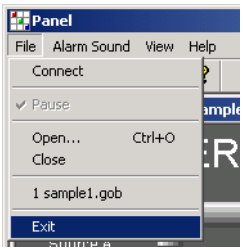


Close button

2.14 Exiting AddObserver Panel

Procedure

1. Choose **File > Exit**.



2. If there are no panels open that are connected to a monitor server, AddObserver Panel closes.

   If any panels are currently connected, a confirmation dialog box appears. Click **OK** to close the connection.

   Then choose **File > Exit** once more to exit the program.

3.1 Error Messages and Their Corrective Actions

The following messages may appear during operation of the software. This section describes the meanings of the messages and the appropriate corrective actions.

Warnings

Code	Comment	Corrective Action
W3902	COB file not found.	-
W3903	Too many connections.	The AddObserver can only connect with up to 16 monitor servers. Close an open panel to decrease the number of connections.

Messages

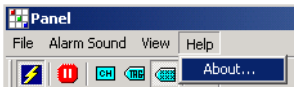
Code	Comment	Corrective Action
M3553	Connections open. Close all connections?	-
M3566	Successful in login.	-
M3567	Password is not accord with user name.	Enter the correct user name and password.
M3901	File not checked. OK to continue?	Check and fix the data using the AddObserver Buider[1] Please contact your sales representative.

[1] Please inquire with one of our representatives for more information on the AddObserver Builder.

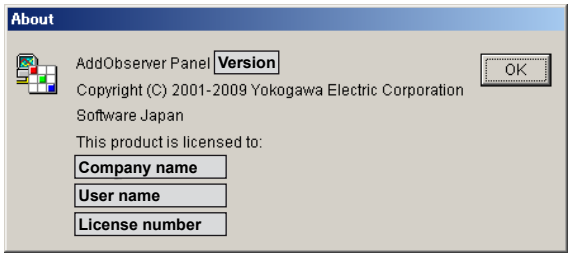
3.2 Checking the Version of the AddObserver Panel

Procedure

Choose **Help > About**.



The version number and other information is displayed.



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