
**User's
Manual**

MFT Remote Controller

This user's manual contains useful information about the precautions, functions, and operating procedures of the MFT Remote Controller program that is downloadable from <http://www.yokogawa.com/tm/tm-softdownload.htm>. To ensure correct use, please read this manual thoroughly during operation.

After reading the manual, keep it in a convenient location for quick reference whenever a question arises during operation.

For information about the handling precautions, functions, and operating procedures of the AQ1000 series Multi Field Tester, and the handling and operating procedures of Windows, see the manuals that accompany the particular instrument you are using.

Notes

- The contents of this manual are subject to change without prior notice as a result of continuing improvements to the instrument's performance and functions. The figures given in this manual may differ from the actual screen.
- Every effort has been made in the preparation of this manual to ensure the accuracy of its contents. However, should you have any questions or find any errors, please contact your nearest YOKOGAWA dealer.
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Product Overview

Feature

You can use the USB or Ethernet interface to control an AQ1000 Series Multi Field Tester from your PC.

When you start this software, the front panel image (control window) of the connected AQ1000 Series Multi Field Tester is displayed on your PC's screen. You can use a mouse to control the AQ1000 Series Multi Field Tester from your PC in the same manner as if you were performing key operations.

PC System Requirements

PC

A PC running Windows 2000, Windows XP, or Windows Vista with a CPU capable of running the OS smoothly and at least 256 MB of memory.

Operating System

Windows 2000, Windows XP, or Windows Vista

Hard Disk Space

At least 20 MB of free space for the installation.

Display

Resolution: 1024 x 768 dots or better

Color: 256 colors or more (65536 colors or more recommended)

Firmware Version of the AQ7270 OTDR Required for Operation

Version 1.01 or later

Others

A dedicated driver is required if you are using the USB interface. The driver can be downloaded from the following Web site.

<http://www.yokogawa.com/tm/tm-softdownload.htm>

Notes about Using This Software

Disclaimer

Yokogawa Electric Corporation assumes no responsibility for any and all damages that may occur directly or indirectly through the use of this software.

Operating Precautions

- Do not operate the AQ1000 Series Multi Field Tester while using this software. Doing so may cause errors.
- The software may stop functioning when the PC is in standby mode.
Disable standby mode when you use this software.
- When this software is running and you are using the Ethernet interface, the network load is 800 kB/s maximum and 400 kB/s or less during normal use.
When you want to use this feature, consult with your network administrator.
- Do not use this software to change the AQ1000 Series Multi Field Tester's network or communication settings. Doing so may disconnect the software from the device.
- Do not use this software to execute self-tests.
- This software can only control one AQ1000 Series Multi Field Tester at a time. Additionally, multiple PCs cannot connect to the same AQ1000 Series Multi Field Tester at the same time.
- You can start multiple instances of this software on a single PC and use each instance to control a separate AQ1000 Series Multi Field Tester, but the software's operations may become slow depending on your PC's specifications and the network status. Additionally, if you start multiple instances of this software on a single PC, the software may not operate correctly depending on your PC's CPU speed and memory size.
- If a connection error disrupts the connection between the AQ1000 Series Multi Field Tester and the PC, turn the AQ1000 Series Multi Field Tester off and then on again.

1. Controlling AQ1000 Series Multi Field Testers

Selecting the Interface

1. Use the System screen on the AQ1000 Series Multi Field Tester to specify the interface that you want to use.

For information on how to display the System screen and how to configure settings, see each AQ1000 Series Multi Field Tester's user's manual.

Common

Language: English

Beep: Off On

Start Menu: Top Menu

USB Function: Storage

Screen Color: Color

◀ Date & Time Set

◀ Power Save

◀ Network Setup

◀ Default

Specify this setting when you want to use the USB interface (see section 10.1 in the AQ1000 Series Multi Field Tester's user's manual).

Configure these settings when you want to use the Ethernet interface (see section 10.4 in the AQ1000 Series Multi Field Tester's user's manual).

Ethernet Interface

Network Setup

Valid / Invalid: Valid Invalid

User Name: anonymous

Password:

Time Out(sec): Infinite

DHCP: Off On

IP Address: 192 168 0 2

Subnet Mask: 255 255 255 0

Gateway: 192 168 0 1

To apply the changes, power-cycle the AQ1100.

Set to "Valid."

Specify these settings as necessary.

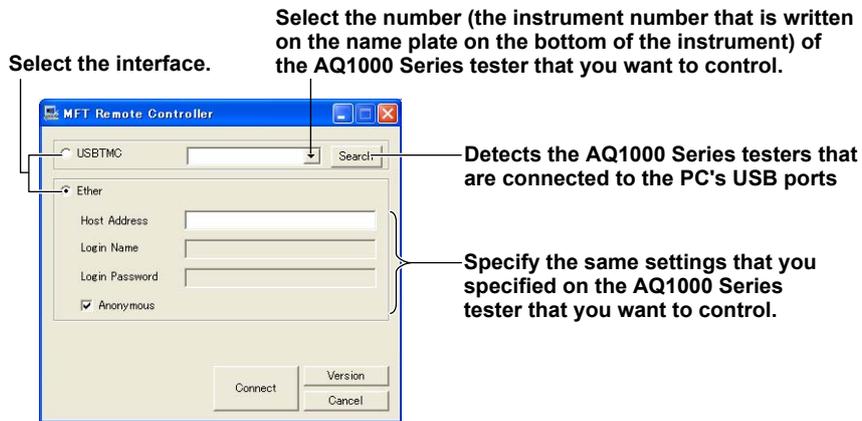
USB Interface

On the System screen, Set USB Function to **Control I/O**.

1. Controlling AQ1000 Series Multi Field Testers

Starting the Software and Selecting the Interface

2. Double-click the MFT Remote Controller icon on the desktop, or click Start, All Programs, MFT Remote Controller, and then click MFT Remote Controller to display the following dialog box. Select the interface that you want to use, and then specify the settings as necessary for the interface that you selected.



Controlling AQ1000 Series Multi Field Testers

3. Click Connect to display the front panel image (control window) of the AQ1000 Series Multi Field Tester that you are connecting to.

When you click a button that represents a key on the AQ1000 Series Multi Field Tester, the same operation occurs as if you had pressed the key on the actual instrument.

Note

For information on how to operate the AQ1000 Series Multi Field Testers, see each AQ1000 Series Field Tester's user's manual.

2. Control Window Operation

Using the Mouse

The displayed icon and the mouse operation vary depending on where the mouse pointer is located on the control window. The following table shows the mouse operation for each icon and the operation of the AQ1000 Series Multi Field Tester.

Mouse Pointer Position	Displayed Icon and Mouse Operation	Operation
Operation key	 Click operation	Same as pressing the operation key
Area to the left or right of the jog shuttle	 Click operation	Same as turning the jog shuttle to the left or right