

## About this Manual

This manual explains how to control the instrument from a computer, using commands keyed or programmed into an external controller. This controller is usually a computer, but it could be a simple terminal.

The manual includes a complete list of the commands that you will need to perform remote control operations with the instrument. The manual has two main parts:

Part One, "About Remote Control," covers the principles of remote control and offers practical examples.

Part Two, "Commands," describes each of the remote control commands and queries for instrument operations. It starts with two special indexes that list the commands by short name and by category. Use these to find the command or query you wish to use.

As an additional guide, each chapter is prefaced by a summary of its contents.

Watch for these icons and the information they signal:



**TIPs** offer additional hints on how to get the most out of instrument actions or features.

**NOTEs** bring to your attention important information you should know. Example - **Important Note for users of other LeCroy DSOs**



**Existing software:** Although the WaveMaster family of instruments make extensive use of Automation interfacing, enabling many powerful means of control, most of the commonly used remote control commands have been retained, though in some cases there are minor changes in definitions. Automation commands can be used in existing software by using the VBS command, which is explained in Chapter 6.

**Trace labels:** Math traces TA, TB, TC, and TD have been replaced by F1, F2, F3 and F4 respectively. Existing software that includes the old trace labels will work with the WaveMaster scopes, but new software should use the new labels unless it will be used on earlier DSOs. In addition to these four traces, the instruments include traces F5, F6, F7, and F8. All eight traces are equivalent in their ability to perform zooms or math processing. Memory trace labels M1, M2, M3, and M4 are also permissible trace labels.

**Parameter labels** have also changed. These are now P1 . . . P8, but the older labels Cust1 . . . Cust5, etc. will still work.

§ § §

BLANK PAGE