

496P SPECTRUM ANALYZER

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Tektronix
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PREFACE

About the 496P Programmable Spectrum Analyzer Manuals

Local control and maintenance of the 496P are described in combined 496/496P manuals. These manuals are: 496/496P Operators, 496/496P Operators Handbook (a small manual that fits in the 496P front cover), and 496/496P Service, Volumes 1 and 2.

Refer to the 496/496P Operators Manual for a full description of 496P functions and front-panel controls. The Operators Manual also contains the full specification of instrument performance.

About This Programmer's Manual

This Programmer's Manual describes the programmable functions of the 496P and how to use them for remote operation.

Sections 1 and 2 help you get started using the 496P on the GPIB (General Purpose Interface Bus). Programming examples are given here and throughout the manual. Some examples are given for a variety of GPIB controllers, but most are in BASIC as implemented on TEKTRONIX 4050-Series controllers. Comments help you translate if you are using another controller.

Sections 3 through 7 are a reference to the language used to set and read 496P functions and transfer spectrum data acquired by the 496P. Section 3 defines device-dependent message format and execution. Sections 4 through 7 cover the commands and queries by function: front-panel, display data i/o, waveform processing, and system operation.

Section 8 is a how-to-do-it section for making programmable measurements with the 496P.

An appendix helps you understand the GPIB and the IEEE 488 standard on which it is based.

A command summary foldout provides a complete list of remote control messages and features of the 496P.

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