TEK DSA 600 SERIES
070-8183-00
Product Group 47

THE DSA 601A & DSA 602A

DIGITIZING SIGNAL ANALYZERS

Quick Reference

Please check for CHANGE INFORMATION at the rear of this manual.

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Tektronix
COMMITTED TO EXCELLENCE

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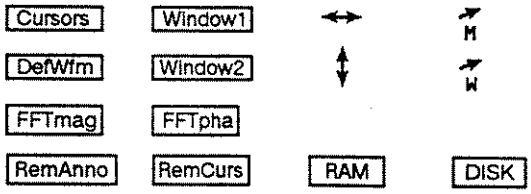
Task Reference

This section of the Quick Reference lists common tasks you can perform using the DSA 601A and DSA 602A Digitizing Signal Analyzers, and the steps to take to execute each task. Tasks are sorted into groups.

Key to symbols used in this reference:

- a button on the front panel
- a selection from the major menu area
- a selection from a pop-up menu
- an adjustment performed using the knobs

Icons that appear on the display:



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Basics

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ENHANCED ACCURACY

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UTILITY, Initialize, Initialize

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Setting the Time and Date

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Acquiring Waveforms

Acquiring with Autoset

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[○] *Input channel*

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TRIGGER, Trigger Select (Main or Window) *then* Source Desc, *type description then* Enter Desc

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TRIGGER, Trigger Select (Main or Window) *then* Slope

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Select waveform to delete, Rem Wfm #, Remove Wfm #

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Assigning Colors to Waveforms

Select waveform, UTILITY, Color, Selected Wfm Color *repeatedly until set to desired color. Window waveforms cannot be reassigned*

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Changing Persistence Time

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Changing or Deleting the Label

UTILITY, Label, *select entity to change or delete (first* Displayed Waveforms, Stored Waveforms, *or* Stored Settings, *then the entity from the list below), then type label (from key list of* Upper Case, Lower Case, Numbers, Graphics, Greek, , *or* Other). Back Space *to correct errors or* Erase *to delete text.* Exit

Positioning the Label

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Storing Waveforms and Settings

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Labeling a Disk

UTILITY, Disk Ops, label, A:, *Use keypad to type in label*, Enter

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Create a Directory

UTILITY, Directory Ops, mkdir, *use keypad to enter directory name.*

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UTILITY, Directory Ops, rmdir, *use keypad to enter directory name.*

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UTILITY, Self Test

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UTILITY, Extended Diagnostic,
Extended Diagnostic *then run desired tests, then* Exit

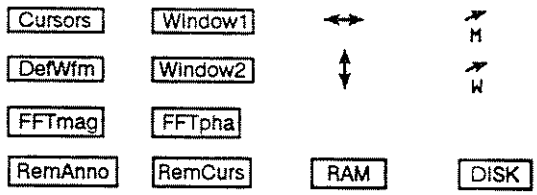
Command Reference

This section of the quick reference lists the functions you can perform using the DSA 601A and DSA 602A Digitizing Signal Analyzers, and the steps to take to execute each function. Functions are listed in alphabetical order.

Key to symbols used in this reference:

- a button on the front panel
- a selection from the major menu area
- a selection from a pop-up menu
- an adjustment performed using the knobs

Icons that appear on the display:



A to B, intensified zone
see Window

Abort Hardcopy
UTILITY, Hardcopy, Hardcopy Abort

AC Coupling, trigger
TRIGGER, Trigger Select (Main or Window) *then* Coupling, AC

AC Coupling, vertical channel
WAVEFORM, Input Parameters, *select channel then* AC

Acquiring Time Base Main or Window
WAVEFORM, *observe* Horizontal Desc *status area*

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DIGITIZER *Run/Armed / Stop*

Act on Delta, set parameters
WAVEFORM, Act on Delta, *define delta description and select delta actions*
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Act on Delta, start acquisition
WAVEFORM, Acquire Desc, Delta, DIGITIZER

Add Waveform
DefWfm *and as needed (all waveforms), then* Enter Desc. Alternate: *Input channel (single-channel waveforms only)*

Address, GPIB
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Annotation, Measurement
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RemAnno

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Auto Trigger Mode
TRIGGER, Trigger Select (Main or Window) *then* Mode, Auto

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Autoset Options, configuring
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WAVEFORM, Acquire Desc, Set AvgN, *Left knob*

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UTILITY, Modes, Averaging Type

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WAVEFORM, Vertical Desc, *as needed then* Enter Desc

Calibrate (internal), oscilloscope
ENHANCED ACCURACY

Calibrate, probes
UTILITY, Probes, *connect probe or input to calibrator and select channel*

Calibrator, set frequency, amplitude, impedance
UTILITY, Calibrator, *and as needed*

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Input channel. Alternate: [Def Wfm], *as needed*

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STORE/RECALL, Delete Waveform, *select individual waveform(s) or* All Waveforms, Delete Selected Waveforms

Clear, waveform data points
Select waveform, Rem Wfm #, Clear Wfm #

Coarse, knob resolution

▤ *Knob label,* ▱ Coarse. *Alternate:* ◎ Fine *until Fine label is not lighted.*

Coarse Dots Mode, cursors

Cursors, ▤ Cursor Type, ▱ Coarse Dots Mode

Color, change waveform assignment

Select waveform, ◎ UTILITY, ▤ Color, ▱ Selected Wfm Color *repeatedly until set to desired color. Window waveforms cannot be reassigned*

Color, default all

◎ UTILITY, ▤ Color, ▱ Default Color

Color, default one

◎ UTILITY, ▤ Color, ▱ *select color to be reset from top of pop-up, then* Default Color

Color, set one or more

◎ UTILITY, ▤ Color, ▱ *select color to be set from top of pop-up, then use* Hue, Lightness, *and* Saturation *with* ◎ *knobs. Select next color and continue.* Previous Colors *resets all colors to what they were when the pop-up was first displayed.*

Communication parameters

◎ ◎ UTILITY, ▤ RS-232-C *or* GPIB, ▱ *as needed*

Compare, measurement on/off

◎ ◎ MEASURE, ▤ Compare & Defaults, ▱ Compare Options *then* Compare *(on/off)*

Compare, set measurement reference value

◎ ◎ MEASURE, ▤ Compare & Defaults, ▱ Compare Options *then* Save Current Meas Values as References *or adjust by touching a measurement reference selector in "Adjust References" section, use* ◎ *either knob*

Compensation, probe

◎ UTILITY, ▤ Probes, *connect probe or input to calibrator and* ▱ *select channel*

Conditional Acquisition

WAVEFORM, Acquire Desc, %Fill Complete *or* Single Trigger *or* Single Sequence *or* Rep Trig Complete *or* Delta *or* Continuous *or* Average Complete *or* Envelope Complete *or* Both Avg & Env

Contrast, overall

UTILITY, Color, Display Intensity, *either knob*

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Coupling, trigger

TRIGGER, Trigger Select (Main or Window) *then* Coupling, *as needed*

Coupling, vertical channel

WAVEFORM, Input Parameters, *select channel then select coupling*

Create New Waveform

DefWfm *and as needed (all waveforms). Alternate: Input channel (single-channel waveforms only)*

Cross, measurement

MEASURE, Measurements, Cross

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Select first waveform, Cursors, Cursor Type, Split Dots *then selector for second waveform*

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◯ UTILITY, ▭ Time & Date, ▭ *select item to change,* ◎ *knob*

DC Coupling, trigger
◯ TRIGGER, ▭ Trigger Select (Main or Window) *then* Coupling, ▭ DC

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[DefWfm] *and* ▭ *as needed (all waveforms). Alternate:* ◯ *Input channel (single-channel waveforms only)*

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Delete, displayed waveform
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UTILITY, Directory Ops, mkdir, *type directory name then* Enter

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UTILITY, File Ops, File Type

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UTILITY, File Ops, File Data Format

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Disk Drive, label floppy disk

UTILITY, Disk Ops, label, A:, *type label then* Enter

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UTILITY, Directory Ops, rendir, *type existing directory name*, Space, *new directory name, then* Enter

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UTILITY, File Ops, rename *type existing file name*, Space, *new file name, then* Enter

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ENHANCED ACCURACY

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FFT, magnitude format (scaling)
WAVEFORM, FFT Control, *select format*

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DefWfm, Waveform Functions, FFTphase(, *select channel,*), Enter Desc. *Alternate: Select waveform,* FFTmag, FFTpha

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Filter, function
DefWfm, Waveform Functions, Filter(, *enter waveform description then*), Enter Desc

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Hardcopy, set mode
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High Pass Filter, trigger coupling
TRIGGER, Trigger Select (Main or Window) *then* Coupling, *select coupling*

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Floating-point waveform computations. All waveforms using multiplication, division, or certain functions will always be High Prec. Other waveforms can be High Prec — see Forced

Histograms, adjusting limits

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Histograms, on/off

MEASURE, Histograms, Vertical Histogram *or* Horizontal Histogram

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M, ◎ *Right knob*

Holdoff window trigger by events, establishing

TRIGGER, Trigger Select (Window), Source Desc Window Holdoff By Events

Holdoff window trigger by time, establishing

TRIGGER, Trigger Select (Window), Source Desc Window Holdoff By Time

Holdoff window trigger by time or events, adjusting

M, ◎ *Right knob. Alternate:* TRIGGER, Time Holdoff *or* Events Holdoff, ◎ *Right knob*

Holdoff, window trigger, removing

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Horizontal Bar Cursors

Select waveform, Cursors, Cursor Type, Horizontal Bars

Horizontal Histograms, on/off

MEASURE, Histograms, Horizontal Histogram

Horizontal Magnify

Select waveform, ↔, Pan/Zoom *to* On, ◎ *Left knob for magnification, Right knob for position*

Horizontal Position

Select waveform, ↔, ◎ *Right knob*

Horizontal Size
Select waveform, ↔, ◎ *Left knob*

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WAVEFORM, Input Parameters, *select channel then select impedance*

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WAVEFORM, Horizontal Desc, Infinite

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MEASURE, Compare & Defaults, Default Parameters, *then* Initialize Defaults

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UTILITY, Initialize, Initialize

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UTILITY, Color, Display Intensity, ◎ *either knob*

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UTILITY, Modes, Zoom Intp

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DefWfm, – , *then source description then* Enter Desc

Keypad, numeric
Knob label, enter number, magnitude (m for milli, etc.) then Enter

Knob Resolution
FINE. *Alternate: Knob label,* Coarse *or* Medium *or* Fine

Label, define and display
UTILITY, Label, *select entity to display (first* Displayed Waveforms, Stored Waveforms, *or* Stored Settings, *then the entity from the list below), then type label (from key list of* Upper Case, Lower Case, Numbers, Graphic, Greek, *or* Other). Back Space *to correct errors or* Erase *to delete, then* Display, Exit

Label, change or delete

UTILITY, Label, *select entity to change or delete (first* Displayed Waveforms, Stored Waveforms, *or* Stored Settings, *then the entity from the list below), then type label (from key list of* Upper Case, Lower Case, Numbers, Graphics, Greek, *or* Other*).* Back Space *to correct errors or*Erase *to delete text.* Exit

Label, move

Select waveform, UTILITY, Label Displayed Waveforms *then* Position, ◎ *to move*

Label, on/off

UTILITY, Label Displayed Waveforms *then* Display, *then* Exit

Label, stored waveform time/date format

UTILITY, Modes, Stored Wfm Time Fmt *(shows time/date stamp on menu selectors for stored waveforms with date or with hundredths of seconds)*

Left Limit, default measurement parameter

MEASURE, Compare & Defaults, Default Parameters *then* Left Limit, ◎ *Left knob*

Level, trigger

or , ◎ *Left knob. Alternate:* TRIGGER, Level, ◎ *Left knob*

Level Mode, default measurement parameter

MEASURE, Compare & Defaults, Default Parameters *then* Level Mode

Line Trigger

TRIGGER, Trigger Select (Main or Window) *then* Source Desc, Line, Enter Desc

Low Pass Filter, trigger coupling

TRIGGER, Trigger Select (Main or Window) *then* Coupling, *select coupling*

Main Position

Select waveform, ↔, ◎ *Right knob*

Main Size
Select waveform, ↔, ◎ Left knob

Main→Win Trigger, timing measurement
MEASURE, Measurements, Main→Win Trig Time

Main, record length
WAVEFORM, Horizontal Desc, Main Record Length, ◎ *Left knob*

Max, amplitude measurement
MEASURE, Measurements, Max

Mean, amplitude measurement
MEASURE, Measurements, Mean

Measurement, to remove all
MEASURE, Measurements, Delete All

Measurement, to select
MEASURE, Measurements, *select up to six*

Measurement Compare, on/off
MEASURE, Compare & Defaults, Compare Options *then* Compare *(on/off)*

Measurement Compare, set compare value
MEASURE, Compare & Defaults, Compare Options *then* Save Current Meas Values as References *or adjust by touching a measurement reference selector in "Adjust References" section, use ◎ either knob*

Measurement Statistics, on/off
MEASURE, Statistics, Live Wfm Statistics *or* Stored Wfm Statistics, Statistics
Note: Main→Win Trig Time measurement has its own statistics control: Main→Win Trig Time, *"Statistics" section*

Measurement Statistics, restart logging
MEASURE, Statistics, Reset

Measurement Statistics, set N
MEASURE, Statistics, Statistics N, *either knob*

Medium, knob resolution
Knob label, Medium

Memory Wrap, set autostore parameter
WAVEFORM, Acquire Desc, Page To Autostore Parameters Menu, Wraparound

Menu, remove pop-up
Touch anywhere in graticule outside pop-up menu. Alternate: touch highlighted selector that displayed pop-up. Alternate: press any menu button

Mesial, default measurement parameter
MEASURE, Stats Comp Test & Def, Default Parameters *then* Mesial, *Left knob*

Mid, amplitude measurement
MEASURE, Measurements, Mid

Min, amplitude measurement
MEASURE, Measurements, Min

Mode, GPIB
UTILITY, GPIB, Mode

Move Waveform to Other Graticule
Select waveform to move, WAVEFORM, Upper Graticule *or* Lower Graticule, Move Waveform to Other Graticule

New Waveform
DefWfm *and as needed (all waveforms). Alternate: Input channel (single-channel waveforms only)*

Noise Filter, trigger coupling
TRIGGER, Trigger Select (Main or Window) *then* Coupling, *select coupling*

Normal Trigger Mode
TRIGGER, Trigger Select (Main or Window) *then* Mode, Normal

Numeric Keypad
Knob label, enter number, magnitude (m for milli, etc.) then Enter

Offset, vertical position
Select waveform, ↕, ◎ *Right knob*

Optional, fast or high-precision waveform scaling
UTILITY, Modes, Waveform Scaling *to* Optional *(new waveforms will be Fast or High Prec depending on calculations invoked.)*

Overshoot, amplitude measurement
MEASURE, Measurements, Over-Shoot

Pan and Zoom, set interpolation type
UTILITY, Modes, Zoom Intp

Pan and Zoom, multiple waveforms
UTILITY, Modes, Multitrace Pan/Zoom, *then use Pan/Zoom as with single waveforms*

Pan and Zoom, set pivot (center of magnification)
UTILITY, Modes, Pan/Zoom Pivot

Pan and Zoom, using
Select waveform, ↔, Pan/Zoom *to* On, ◎ *Left knob for magnification, Right knob for position*

Parity, RS-232-C
UTILITY, RS-232-C, Parity

Peak to Peak, amplitude measurement
MEASURE, Measurements, Peak-Peak

Peak to Peak, Pk-Pk Autoset mode
UTILITY, Modes, Vertical

Period, Autoset mode
UTILITY, Modes, Horizontal

Period, timing measurement
MEASURE, Measurements, Period

Persistence Mode, on/off
WAVEFORM, Horizontal Desc, Infinite *or* Variable *to turn on or* Normal *to turn off.*

Phase, timing measurement
MEASURE, Measurements, Phase

Pop-Up Menu, remove
Touch anywhere in graticule outside pop-up menu. Alternate: touch highlighted selector that displayed pop-up. Alternate: press any menu button

Position, horizontal
Select waveform, ↔, *Right knob*

Position, vertical (offset)
Select waveform, ↕, *Right knob*

Pre-Trigger View
Select waveform, ↔, *Right knob*

Probe ID Button, set function
UTILITY, Probes, Wfm Select / New Wfm *or* Select / New & Autoset *or* Sequence Settings *or* Store Waveforms

Probes, calibrate (deskew, compensate)
UTILITY, Probes, *connect probe or input to calibrator and select channel*

Propagation Delay, timing measurement
MEASURE, Measurements, PropDelay, PropDelay, *select delayed waveform from top of menu*

Proximal, default measurement parameter
MEASURE, Compare & Defaults, Default Parameters *then* Proximal *then* *Right knob*

Pulse, Autoset mode
UTILITY, Modes, Horizontal

Pulse Width, timing measurement
MEASURE, Measurements, Width

Recall, stored setting

STORE/RECALL, Recall Setting, RAM *or* DISK, *select setting*

Recall, stored waveform

STORE/RECALL, Recall Waveform, RAM *or* DISK, *select waveform*

Record Length, main

WAVEFORM, Horizontal Desc, Main Record Length, *Left knob*

Record Length, window

WAVEFORM, Horizontal Desc, Window Record Length, *Right knob*

Reference Level, default measurement parameter

MEASURE, Compare & Defaults, Default Parameters *then* Reference Level *then either knob*

Reference Value, for measurement compare

MEASURE, Compare & Defaults, Compare Options *then* Save Current Meas Values as References *or adjust by touching a measurement reference selector in "Adjust References" section, use either knob*

Remove Waveform

Select waveform to delete, Rem Wfm #, Remove Wfm #

Remove Window

Select window waveform to delete, Rem Wfm #, Remove Wfm #

Remove, pop-up menu

Touch anywhere in graticule outside pop-up menu. Alternate: touch highlighted selector that displayed pop-up. Alternate: press any menu button

Repetitive Single Trigger, set parameters

WAVEFORM, Acquire Desc, Trigger Select Main *or* Trigger Select Window, Set Rep Trigger N *and either knob;* Page To Autostore Parameters Menu *and as needed*

Repetitive Single Trigger, start acquisition
WAVEFORM, Acquire Desc, Rep Trig Complete, DIGITIZER

Reset Oscilloscope
UTILITY, Initialize, Initialize

Reset, all default measurement parameters
MEASURE, Compare & Defaults, Default Parameters *then* Initialize Defaults

Reset, waveform measurement parameters to defaults
Select waveform, MEASURE, Compare & Defaults, Default Parameters *then* Copy Defaults to Sel Wfm

Right Limit, default measurement parameter
MEASURE, Compare & Defaults, Default Parameters *then* Right Limit, © *Right knob*

Rise Time, timing measurement
MEASURE, Measurements, Rise

RMS, amplitude measurement
MEASURE, Measurements, RMS

RS-232-C Parameters
UTILITY, RS-232-C, *as needed*

Runs After Delay
TRIGGER, Trigger Select (Window), Source Desc, Window Triggered From Main

Sample Interval, display
WAVEFORM, Horizontal Desc, *read out at top of pop-up menu*

Save Current Measurement Values as Compare Reference
MEASURE, Compare & Defaults, Compare Options *then* Save Current Meas Values as References

Save Setting

STORE/RECALL, Store Setting, RAM *or* DISK, *select associated menu at bottom of pop-up menu, then* Set Next FPS *and* © *either knob, then* Store Next FPS

Save Waveform

STORE/RECALL, Store Waveform, RAM *or* DISK, Set Next STO Index *and* © *either knob, select waveform or* Store All

Scaling, waveform

UTILITY, Modes, Waveform Scaling. See also *Fast* and *High Prec*

Scan Stored Waveforms, initiate scan

STORE/RECALL, Scan/Stopped

Scan Stored Waveforms, select scan set

STORE/RECALL, Scan Using, *select base label or* All Stored Waveforms

Scan Stored Waveforms, set scan range

STORE/RECALL, Scan, © *Left knob to set beginning of range, Right knob for end*

Scan Stored Waveforms, set scan rate

STORE/RECALL, Scan Rate, © *either knob*

Scan Stored Waveforms, single step

STORE/RECALL, Next *or* Previous

Secure, hardcopy mode

UTILITY, Hardcopy, Security Option

Select Waveform

Touch waveform on display. Alternate:
WAVEFORM, Page to All Wfms Status *then select waveform in major menu area*

Self Test

UTILITY, Self Test, Self Test

Self Test, extended diagnostics
UTILITY, Extended Diagnostic, Extended Diagnostic *then run desired tests then* Exit

Setting, recall front panel setup
STORE/RECALL, Recall Setting, RAM *or* DISK, *select setting*

Setting, sequence to next
STORE/RECALL, Recall Setting, Sequencing *(set to* On*) then* Next Setting.
Alternate: press probe button if ID function is set to sequence setting (see Probe ID Button)

Setting, store front panel setup
STORE/RECALL, Store Setting, RAM *or* DISK, *select menu to be stored with setting at bottom of pop-up menu, then* Set Next FPS *and* ◎ *either knob, then* Store Next FPS

Signal Source
DefWfm *and as needed (all waveforms). Alternate:* *Input channel (single-channel waveforms only)*

Signal/Noise Ratio, default measurement parameter
MEASURE, Compare & Defaults, Default Parameters *then* S/N Ratio, ◎ *Right knob*

Size, adjust horizontal
Select waveform, ↔, ◎ *Left knob*

Size, adjust vertical
Select waveform, ↕, ◎ *Left knob*

Skew, timing measurement
MEASURE, Measurements, Skew

Slope, default measurement parameter
MEASURE, Compare & Defaults, Default Parameters *then* Slope

Slope, trigger
TRIGGER, Trigger Select (Main or Window) *then* Slope

Sound, on/off
UTILITY, Modes, Audio Feedback

Source, signal
DefWfm *and as needed (all waveforms). Alternate:* *Input channel (single-channel waveforms only)*

Source, trigger
TRIGGER, Trigger Select (Main or Window) *then* Source Desc, *type description then* Enter Desc

Spectral Frequency, frequency domain measurement
MEASURE, Measurements, Spectral Freq

Spectral Magnitude, frequency domain measurement
MEASURE, Measurements, Spectral Mag

Split Dot Cursors
Select first waveform, Cursors, Cursor Type, Split Dots *then touch selector for second waveform*

Statistics, on/off
MEASURE, Statistics, Statistics
Note: Main→Win Trig Time measurement has its own statistics control: Main→Win Trig Time, *"Statistics" section*

Statistics, restart logging
MEASURE, Statistics, Reset

Statistics, set N
MEASURE, Statistics, Statistics N, *either knob*

Status, waveform
WAVEFORM, Vertical Desc *selector shows some status. Alternate:* WAVEFORM, Show Full Waveform Desc

Stop Bits, RS-232-C
UTILITY, RS-232-C, Stop Bits

Store Setting

STORE/RECALL, Store Setting, RAM *or* DISK, *select associated menu at bottom of pop-up menu, then* Set Next FPS *and* ◎ *either knob, then* Store Next FPS

Store Waveform

STORE/RECALL, Store Waveform, RAM *or* DISK, Set Next STO Index, ◎ *either knob, select waveform or* Store All

Stored Waveform, recall

STORE/RECALL, Recall Waveform, RAM *or* DISK, *select waveform*

Stored Waveform, time/date label format

UTILIITY, Modes, Stored Wfm Time Fmt *(shows time/date stamp on menu selectors for stored waveforms with date or with hundredths of seconds)*

Teksecure, erase memory

UTILITY, Teksecure Erase Mem, Teksecure Erase Mem

Terminator, GPIB

UTILITY, GPIB, Terminator

Text display on screen—define

UTILITY, Label, Text, *then type text (from key list of* Upper Case, Lower Case, *or* Numbers*).* Back Space *or* Erase *to correct errors.* Exit

See also Label.

THD, frequency domain measurement

MEASURE, Measurements, THD

Time, delay window trigger by

see Holdoff

Time, set

UTILITY, Time & Date, *select item to change,* ◎ *adjust using knobs*

Time A→B, timing measurement

MEASURE, Measurements, Main→Win Trig Time

Time/Div
Select waveform, ↔, ◎ *Left knob*

Time Base Position
Select waveform, ↔, ◎ *Right knob*

Time Base Size
Select waveform, ↔, ◎ *Left knob*

Time Mode, default measurement parameter
MEASURE, Compare & Defaults, Default Parameters *then* Time Mode

Topline, default measurement parameter
MEASURE, Compare & Defaults, Default Parameters *then* Topline *then* ◎ *Right knob*

Touch Panel, on/off
TOUCH PANEL

Tracking, default measurement parameter
MEASURE, Compare & Defaults, Default Parameters *then* Tracking

Trig After Delay
TRIGGER, Trigger Select (Window,Source Desc Window Holdoff By Time

Trigger Time Delay, timing measurement
MEASURE, Measurements, Main→Win Trig Time

Trigger, AC coupling
TRIGGER, Trigger Select (Main or Window) *then* Coupling, AC

Trigger, auto level mode
TRIGGER, Trigger Select (Main or Window) *then* Mode, Auto Level

Trigger, auto mode
TRIGGER, Trigger Select (Main or Window) *then* Mode, Auto

Trigger, DC coupling
TRIGGER, Trigger Select (Main or Window) *then* Coupling, DC

Trigger, high pass filter coupling
TRIGGER, Trigger Select (Main or Window) *then* Coupling, *select*

Trigger holdoff window by events, establishing
TRIGGER, Trigger Select (Window), Source Desc, Window Holdoff By Events

Trigger holdoff window by time, establishing
TRIGGER, Trigger Select (Window) Source Desc, Window Holdoff By Time

Trigger holdoff window by time or events, adjusting
W, ◎ *Right knob. Alternate:* TRIGGER, Time Holdoff *or* Events Holdoff, ◎ *Right knob*

Trigger, holdoff window, removing
TRIGGER, Trigger Select (Window), Source Desc, Window Triggered From Main

Trigger, level
M *or* W, ◎ *Left knob. Alternate:* TRIGGER, Level, ◎ *Left knob*

Trigger, line
TRIGGER, Trigger Select (Main or Window) *then* Coupling, Line

Trigger, low pass filter coupling
TRIGGER, Trigger Select (Main or Window) *then* Coupling, *select coupling*

Trigger, noise filter coupling
TRIGGER, Trigger Select (Main or Window) *then* Coupling, *select coupling*

Trigger, normal mode
TRIGGER, Trigger Select (Main or Window) *then* Mode, Normal

Trigger, repetitive—set parameters
WAVEFORM, Acquire Desc, Trigger Select Main *or* Trigger Select Window, Set Rep Trigger N *and* ◎ *either knob;* Page To Autostore Parameters Menu *and as needed*

Trigger, repetitive—start acquisition
WAVEFORM, Acquire Desc, Rep Trig Complete, DIGITIZER

Trigger, single sequence
WAVEFORM, Acquire Desc, Single Sequence *(press* DIGITIZER *for each successive acquisition)*

Trigger, single shot
WAVEFORM, Acquire Desc, Single Trigger *(press* DIGITIZER *for each successive acquisition)*

Trigger, slope
TRIGGER, Trigger Select (Main or Window) *then* Slope

Trigger, source
TRIGGER, Trigger Select (Main or Window) *then* Source Desc, *type description then* Enter Desc

Trigger window holdoff by events, establishing
TRIGGER, Trigger Select (Window), Source Desc, Window Triggered By Events

Trigger window holdoff by time, establishing
TRIGGER, Trigger Select (Window), Source Desc, Window Holdoff By Time

Trigger window holdoff by time or events, adjusting
, ◎ *Right knob. Alternate:* TRIGGER, Time Holdoff *or* Events Holdoff, ◎ *Right knob*

Trigger, window holdoff, removing
TRIGGER, Trigger Select (Window), Source Desc, Window Triggered From Main

TTL, Autoset mode
UTILITY, Modes, Vertical

Undershoot, amplitude measurement
MEASURE, Measurements, Under-Shoot

Variable Persistence, on/off
WAVEFORM, Horizontal Desc, Variable Persist.

Vector Mode, display mode on/off
UTILITY, Modes, Vectored Waveforms

Verbose, RS-232-C
UTILITY, RS-232-C, Verbose

Vertical Bar Cursors
Select waveform, [Cursors], Cursor Type, Vertical Bars

Vertical Offset
Select waveform, ↕, ◎ *Right knob*

Vertical Size
Select waveform, ↕, ◎ *Left knob*

Volts/Div
Select waveform, ↕, ◎ *Left knob*

Waveform, calculations and functions
WAVEFORM, Vertical Desc, *as needed then* Enter Desc

Waveform, clear data points
Select waveform, Rem Wfm #, Clear Wfm #

Waveform, create new
[DefWfm] *and as needed (all waveforms). Alternate:* *Input channel (single-channel waveforms only)*

Waveform, move to other graticule
Select waveform to move, WAVEFORM, Upper Graticule *or* Lower Graticule, Move Waveform to Other Graticule

Waveform, recall stored
STORE/RECALL, Recall Waveform, [RAM] *or* [DISK], *select waveform*

Waveform, remove

Select waveform to delete, ▤ Rem Wfm #, 🖧 Remove Wfm #

Waveform, scaling

◯ UTILITY, ▤ Modes, 🖧 Waveform Scaling. *See also Fast and High Prec*

Waveform, select

Touch waveform on display. Alternate: ◯ WAVEFORM, ▤ Page to All Wfms Status *then select waveform in major menu area*

Waveform, status

◯ WAVEFORM, ▤ Vertical Desc *selector shows some status. Alternate:* ◯ ◯ WAVEFORM, ▤ Show Full Wfm Desc

Waveform, store

◯ STORE/RECALL, ▤ Store Waveform, RAM *or* DISK, 🖧 Set Next Sto Index, ◎ *either knob, select waveform or* Store All

Waveform, vertical description

◯ WAVEFORM, ▤ Vertical Desc *(shows some status),* 🖧 *extend or modify as needed then* Enter Desc

Waveform, XY from two live waveforms

Create and select Y waveform, ◯ WAVEFORM, ▤ Horizontal Desc, 🖧 *select X waveform*

Waveform, XY from two stored waveforms

Create and select stored Y waveform, ◯ WAVEFORM, ▤ Horizontal Desc, 🖧 *select X stored waveform*

Waveform Color, change assignment

Select waveform, ◯ UTILITY, ▤ Color, 🖧 Selected Wfm Color *repeatedly until set to desired color. Window waveforms cannot be reassigned. Note: see Color for more color control*

Waveform Label, define

UTILITY, Label, *select entity to display (first* Displayed Waveforms, Stored Waveforms, *or* Stored Settings, *then the entity from the list below), then type label (from key list of* Upper Case, Lower Case, Numbers, Graphics, Greek, *or* Other*).* Back Space *to correct errors or* Erase *to delete.* Exit

Waveform Label, change or delete

UTILITY, Label, *select entity to change or delete (first* Displayed Waveforms, Stored Waveforms, *or* Stored Settings, *then the entity from the list below), then type label (from key list of* Upper Case, Lower Case, Numbers, Graphics, Greek, *or* Other*).* Back Space *to correct errors or* Erase *to delete text.* Exit

Waveform Label, move

Select waveform, UTILITY, Label Displayed Waveforms *then* Position, *then* Exit, *to move*

Waveform Label, on/off

UTILITY, Label Displayed Waveforms *then* Display

Waveform Label, stored waveform time/date format

UTILITY, Modes, Stored Wfm Time Fmt *(shows time/date stamp on menu selectors for stored waveforms with date or with hundredths of seconds)*

Window Position

Select waveform, ↔, *Right knob*

Window Size

Select waveform, ↔, *Left knob*

Window, create new waveform

Select source waveform, Window1 *or* Window2

Window, record length

WAVEFORM, Horizontal Desc, Window Record Length, *Right knob*

Window, remove
Select window waveform to delete, Rem Wfm #, Remove Wfm #

Window, trigger holdoff by events, establishing
TRIGGER, Trigger Select (Window), Source Desc, Window Holdoff By Events

Window, trigger holdoff by time, establishing
TRIGGER, Trigger Select (Window), Source Desc, Window Holdoff By Time

Window, trigger holdoff by time or events, adjusting
, *Right knob. Alternate:* TRIGGER, Time Holdoff *or* Events Holdoff, *Right knob*

Window, trigger holdoff, removing
TRIGGER, Trigger Select (Window), Source Desc, Window Triggered From Main

XY Waveform, from two live waveforms
Create and select Y waveform, WAVEFORM, Horizontal Desc, *select X waveform*

XY Waveform, from two stored waveforms
Create and select stored Y waveform, WAVEFORM, Horizontal Desc, *select X stored waveform*

Zoom Interpolation, set type
UTILITY, Modes, Zoom Intp

< >	::= Defined item
{ }	::= One item from group required
[ ]	::= Optional item(s)
( )	::= Grouped items
|	::= Exclusive or
FPS	::= Front Panel Setting
<*NR1*>	::= Signed integer
<*NR2*>	::= Floating point, no exponent
<*NR3*>	::= Floating point with exponent
<*NRx*>	::= {<*NR1*>|<*NR2*>|<*NR3*>}
<*ui*>	::= Unsigned integer
<*curve data*>	::= Tek Codes&Formats binary block data (<*bblock ...*>) or ASCII data points {<*NR1*>[,<*NR1*>]...}
<*qstring*>	::= Quoted string
?	::= Query-only header or link

HEAder	Header, link, or argument, minimum spelling in CAPs
RESponse	Query response, minimum spelling in CAPs

Commands are set/query unless otherwise noted. Query-only headers are followed by a ?. Query-only links are indicated with a leading ?. the argument(s) after the colon show the response form. (Note: Do not enter the colon when querying a link.)

A

ABBwImpie {**ON**|**OFF**}
ABSTouch {**CLEar**|<*NRx*>,<*NRx*>}
ADJtrace <*ui*> <*link*>:<*arg*>
  FRESolution: <*NRx*>
  FSPan: <*NRx*>
  HMAg: <*NRx*>
  HPOsition: <*NRx*>
  HVPosition: <*NRx*>
  HVSize: <*NRx*>
  PANzoom: {**ON**|**OFF**}
  TRSep: <*NRx*>
  VPOsition: <*NRx*>
  VSIze: <*NRx*>
ALTinkjet <*link*>:<*arg*>
  DIRection: {**HORIZ**|**VERT**}
  FORMat: {**DRAft**|**HIRes**|**REDuced**}
  PORt: {**CENTRonics**|**DISK**|**GPIb**|**RS232**}
  SECUre: {**ON**|**OFF**}
ATTRIBUTE <*qstring*>,<*qstring*>
AUTOAcq <*link*>:<*arg*>
  MEMWrap: {**ON**|**OFF**}
  ? REPS
  SRQ: {**ON**|**OFF**}
  TRAce<*ui*>:{**ON**|**OFF**}
AVG {**ON**|**OFF**}
AVGType {**BACKWeight**|**SUMMation**}

B

BASeline <*NRx*>
BASEName {**FPS**|**HCP**|**STO**}: <*qstring*>
BITMap <*link*>:<*arg*>
  DATACompress: {**ON**|**OFF**}
  DATAFormat: {**BINary**|**BINHex**}
  DIRection: {**HORiz**|**VERt**}
  FORMat: {**DIThered**|**DRAft**|**HIRes**|**REDuced**|**SCReen**}
  PORt: {**CENTRonics**|**DISK**|**GPIb**|**RS232**}
  SECUre: {**ON**|**OFF**}
BIT/NR {**8**|**16**}
BYT.or {**LSB**|**MSB**}
BYT/NR {**1**|**2**}

C

CALIbrator <*link*>:<*arg*>
  AMPLitude: <*NRx*>
  FREq: <*NRx*>
  ? IMPedence {50|450}
CALProbe <*link*>:<*arg*>
  FULl: <*slot*> <*ui*>
  SHOrt: <*slot*> <*ui*>
CALStatus?
CALTempdelta?
CCAlconstants <*ui*>:<*NRx*>
CD <*qstring*>
CH <*slot*> <*ui*> <*link*>:<*arg*>
  AMPoffset: <*NRx*>
  BW: <*NRx*>
  BWHi: <*NRx*>
  BWLo: <*NRx*>
  COUpling: {**AC**|**DC**|**OFF**}
  IMPedance: <*NRx*>
  MNSCoupling: {**AC**|**DC**|**VC**|**OFF**}
  MNSOffset: <*NRx*>
  ? MNSProbe (<*qstring*>)
  OFFSet: <*NRx*>
  PLSCoupling: {**AC**|**DC**|**VC**|**OFF**}
  PLSOffset: <*NRx*>
  ? PLSProbe. (<*qstring*>)
  ? PROBe: (<*qstring*>)
  PROTect: {**ON**|**OFF**}
  SENsitivity: <*NRx*>
  ? UNIts. (<*qstring*>)
  VCOffset: <*NRx*>
CHDIR <*qstring*>
CHDISK <*qstring*>
CHSkew?
CLEar {**ALL**|**TRAce**<*ui*>|<*qstring*>} *(Set-only)*
COLor DEFAult
COLORMap <*link*>:<*arg*>
  SYStem: {**ORIginal**|**STANdard**}
  TRAce<*ui*>:**COLor**<*ui*>
COMpare {**ON**|**OFF**}
CONDacq <*link*>:<*arg*>
  FILl: <*NRx*>
  ? REMAining: (<*NR1*>)
  TRIgger: {**MAIn**|**WINdow**}
  TYPe: {**AVG**|**BOTh**|**CONTInuous**|**DELTa**|**ENV**|**FILl**|**HIST.pt**|**REPtrig**|**SEQuence**|**SINgle**|**WAVfrm**}
CONFig?
COPy [<*link*>:]<*arg*>
  {**ABOrt**|**STARt**} *(Set-only)*
  FORMat: {**DIThered**|**DRAft**|**HIRes**|**REDuced**|**SCReen**}
  PRInter: {**ALTinkjet**|**BITMap**|**HPGl**|**PIN8**|**PIN24**|**TEK4692**|**TEK4696**|**TEK4697**}
  ? STAtus: {**ABORTing**|**IDLe**|**SPOoling**|**PRINTing**}
CURMode <*link*>:<*arg*>
  CMOde: {**FINterval**|**MPEak**|**PMPeak**|**PPEak**}
  DEFault: {**HBArs**|**PAIred**|**SPLit**|**VBArs**}
  HOLd: {**ON**|**OFF**}
CURSor <*link*>:<*arg*>
  READout: {**ON**|**OFF**}
  REFErence: **TRAce**<*ui*>
  TYPe: {**HBArs**|**PAIred**|**SPLit**|**VBArs**}
  ? XUNit: {**AMPs**|**DB**|**DEGrees**|**DIVS**|**HERtz**|**OHMs**|**SEConds**|**VOLts**|**WATts**}
  ? YUNit. {**AMPs**|**DB**|**DEGrees**|**DIVS**|**HERtz**|**OHMs**|**VOLts**|**WATts**}
CURVe <*curve data*>

D

DAInt { **SINgle**|**WHOle**}
DATE <*qstring*> = "<*dd*>-<*mon*>-<*yy*>"
DCOPy <*link*>:<*arg*>
  FPS<*ui*>:<*qstring*>
  STO<*ui*>:<*qstring*>
  <*qstring*>:{**FPS**<*ui*>|**STO**<*ui*>}
  <*qstring*>,<*qstring*>
DEBug <*link*>:<*arg*>
  GPIb: {**ON**|**OFF**}
  RS232: {**ON**|**OFF**}
DEF <*qstring*>,<*qstring*> *(Set-only)*
DELete [<*link*>:]<*arg*> *(Set-only)*
  {**FPS**<*ui*>|<*qstring*>|**STO**<*ui*>}
  ALL: {**FPS**|**STO**}
DELTa <*link*>:<*arg*>
  CHIme: {**ON**|**OFF**}
  CONSecpts: <*NRx*>
  COPy: {**ON**|**OFF**}
  DESCription: <*qstring*>
  ? EVENTS *(Query-only)*
  NUMPts
  STATUS: {**ACTions**|**NUMPts**}
  TOTalpts: <*NRx*>
DIAg?
DIGitizer {**ARMed**|**RUN**|**STOP**}
DIR? *(Query-only)*
DISPlay <*link*>:<*arg*>
  GRAticule: {**DUAl**|**SINgle**}
  INTENsity: <*NRx*>
  INTERPOLATION {**NONE**|**LINEAR**|**SINX**|**PSINX**}
  MODe: {**DOTs**|**VECtors**}
  PERSistence: <*NRx*>
DISTal <*NRx*>
DLYtrace TRAce<*ui*>
DOT1Abs; DOT2Abs <*link*>:<*arg*>
  PCTg: <*NRx*>
  XCOord: <*NRx*>
  XDIv: <*NRx*>
  ? XQUal: {EQ|LT|GT|UN}
  ? YCOord: (<*NR3*>)
  ? YDIv: (<*NR3*>)
  ? YQUal: {EQ|LT|GT|UN}
DOT1Rel, DOT2Rel <*link*>:<*arg*> *(Set-only)*
  PCTg: <*NRx*>
  XCOord: <*NRx*>
  XDIv: <*NRx*>
DSYmenu?
DSYSTOFmt {**HUNdredths**|**DATE**}

E – F

ENCdg <*link*>:<*arg*>
  HISTogram: {**ASCii**|**BINary**}
  MEAS: {**ASCii**|**BINary**}
  SET: {**ASCii**|**BINary**}
  WAVfrm: {**ASCii**|**BINary**}
ENV {**ON**|**OFF**}
EVENT?
FEOi *(Set-only)*
FFT <*link*>:<*arg*>
  AVG: {**ON**|**OFF**}
  DCSUP: {**ON**|**OFF**}
  FORMat: {**DBm**|**LINear**|**VPEak**|**DBVPeak**|**VRMs**|**DBVRMs**|**DBFUnd**}
  PHAse: {**UNWrap**|**WRAp**}
  WINDow: {**BLAckman**|**BLHarris**|**HAMming**|**HANning**|**RECTangular**|**TRIAngular**}
FILTer {**ENAble**|**DISAble**}
FORMat <*qstring*>[,<*qstring*>] *(Set-only)*
FPAnel {**ON**|**OFF**}
FPSList?
FPSNum?
FPUpdate {**ALWays**|**EMPty**|**NEVer**}

L

LABAbs <*link*>:<*arg*>
  PCTg: <*NRx*>
  XCOord: <*NRx*>
  YDIv: <*NRx*>
LABel <*link*>:<*arg*>
  BASELAbel: <*qstring*>
  DELete: {**ALL**|**FPS**[<*ui*>]|<*qstring*>|**STO**[<*ui*>]|**TRAce**[<*ui*>]} *(Set-only)*
  DISK: <*qstring*>
  DISPlay: {**ON**|**OFF**}
  FPS<*ui*>:<*qstring*>
  ? NEXTRep: (<*qstring*>)
  STO<*ui*>:<*qstring*>
  TRAce<*ui*>:<*qstring*>
LABRel <*link*>:<*arg*> *(Set-only)*
  PCTg: <*NRx*>
  XCOord: <*NRx*>
  YDIv: <*NRx*>
LCAlconstants <*ui*>:<*NRx*>
LMZone <*NRx*>
LONgform {**ON**|**OFF**}
YCOord: <*NRx*>
YDIv: <*NRx*>
HISTOgram <*link*>:<*arg*>
  C.WINBottom: <*NRx*>
  C.WINLeft: <*NRx*>
  C.WINRight: <*NRx*>
  C.WINTop: <*NRx*>
  CLEar *(Set-only)*
  D.WINBottom: <*NRx*>
  D.WINLeft: <*NRx*>
  D.WINRight: <*NRx*>
  D.WINTop: <*NRx*>
  ? DATA *(Query-only)*
  HISTScaling: {**LINear**|**LOG10**}
  ? NR.PT *(Query-only)*
  TYPe: {**HORiz**|**VERt**|**NONE**}
HNUMber <*NRx*>
HPGl <*link*>:<*arg*>
  COLor<*ui*>:<*ui*>
  COLor: DEFAult
  FORMat: {**DRAft**|**HIRes**|**SCReen**}
  GRAticule: {**CROSSHair**|**FUU**}
  PORt: {**CENTRonics**|**DISK**|**GPIb**|**RS232**}
  SECUre: {**ON**|**OFF**}
HSYS {**ON**|**OFF**}
ID?
IDProbe?
INCAcq {**ENAble**|**DISAble**}
INIt *(Set-only)*
INPut {**STO**<*ui*>|<*qstring*>}
INTERleave {**ENAble**|**DISAble**}

Tektronix DSA 601A and DSA 602A Alphabetic Command Summary

HORiz: {**EDGe**|**PERiod**|**PULse**|**OFF**}
STARt *(Set-only)*
UNDO *(Set-only)*
VERt: {**ECL**|**PP**|**TTL**|**OFF**}

COLOr<*ui*> <*link*>:<*arg*>
  DEFAult
  HUE: <*NRx*>
  LIGhtness: <*NRx*>
  SATuration: <*NRx*>

REPeat: {**ON**|**OFF**}
SAVe: {**ON**|**OFF**}
SHOWPts: {**TEST**|**SELECTEd**}
SRQ: {**ON**|**OFF**}

H – I

H1Bar; H2Bar <*link*>:<*arg*>

SECUre: {ON|OFF}

M

os <NRx>
onstants <ui>:<NRx>
s>? (Query-only)
is> ?
)ss|DELAy|DUTy|FALltime|FREq|GAIn|
:|MEAN|MID|MIN|OVErshoot|PDElay|PERiod|
.se|PP|RISetime|RMS|SFReq|SKEw|SMAg|
)|TTRig|UNDershoot|WIDth|YTEnergy|
lns_area|YTPls_area)
? (Query-only)
l <NRx> (Set-only)
: <qstring>
el {ABSOlute|BASEDelta|RELative|TOPDelta}
)unt <NRx>
meas>?
:t {<meas>[,<meas>...] | EMPty}
)pe {PLUs|MINUs}
:m?
EP <meas> STArt (Set-only)
EPMeas STArt (Set-only)
AT? (Query-only)
O <link>:<arg>
:OM:<ui>
):<ui>
SING: {ALL|<qstring>}
O <meas>? (Query-only)
OMeas? (Query-only)
/s {ON|OFF}
me {ABSOlute|RELative}
Rack {BASeline|BOTh|TOPLine|OFF}

N - O

/g <NRx>
NV <NRx>
(TPs <NRx>
(TSto <NRx>
IST,pt: <NRx>
Eptrig <NRx>
Sum?
/AVfrm: <NRx>
TIONS?
Tput {STO<ui>|TRAce<ui>|<qstring>}

P

Th {ON|OFF}
48 <link>:<arg>
ORMat: {DRAft|HIRes|REDuced}
:OR: {CENTRonics|DISK|GPIb|RS232}
PIN24 <link>:<arg>
FORMat: {DRAft|HIRes|REDuced}
PORt: {CENTRonics|DISK|GPIb|RS232}
SECUre: {ON|OFF}
PINDEX <NRx>
PIVersion?
POWeron?
PROBe {NT|NTAuto|SETSeq|STO}
PROXimal <NRx>
PZMode <link>:<arg>
MULTitrace:{ON|OFF}
PIVOt:{CENter|LEFt|RIGht}

R

RCAlconstants <ui>:<NRx>
RECall {FPNext|FPS<ui>|<qstring>} (Set-only)
RECOVER STO
REFLevel <NRx>
REFSet<ui> <link>:<arg>
CURRent: <meas>
<meas>:<NRx> (Set-only)
REFTrace TRAce<ui>
REMove {ALL|TRAce<ui>|<qstring>} (Set-only)
RENAme <qstring>,<qstring>
RENDir <qstring>,<qstring>
REPCurve
NREPCurve:<NRx>
REPS?
STARt
REP<meas> STArt (Set-only)
REPMeas <link>:<arg>
NREPMeas:<NRx>
REPS
SELect: TRAce<ui>
STArt
RMDir <qstring> (Set-only)
RMZone <NRx>
RQS {ON|OFF}
RS232 <link>:<arg>
BAUd: <NRx>
DELAy: <NRx>
ECHo: {ON|OFF}
EOL: {CR|CRLf|LF|LFCr}
FLAgging: {SOFt|HARd|OFF}
PARity: {ODD|EVEN|NONe}
STOPBits: <NRx>
VERBose: {ON | OFF}

S

SAVEFACTORY (Set-only)
SCANStowfrm {<link>:<arg>
? CURRent: <ui>
FROm: <ui> (Set-only)
KEEp
MODe: {SCAn|STOP}
NEXt
PREvious
RATe: <NRx>
TO: <ui>
USIng: {ALL|<qstring>}
SCLockd {ENAble|DISAble}
SELect {TRAce<ui>|<qstring>}
SELFCal [<link>:]<arg>
FORce (Set-only)
MODe: {AUTO|MANual}
SET?
SETDEV
FPS: {DISK|RAM}
STO: {DISK|RAM}
SETSeq {ON|OFF}
SMAg? {<NR3>|<bblock>} (Query-only)
SMOde {HARM|PEAK}
SNRatio <NRx>
SPEaker {ON|OFF}
SRQMask <link>:<arg>
ABStouch: {ON|OFF}
CALDue:{ON|OFF}
CMDerr:{ON|OFF}
EXErr:{ON|OFF}
EXWarn:{ON|OFF}
IDProbe:{ON|OFF}
INErr:{ON|OFF}
INWarn:{ON|OFF}
OPCmpl:{ON|OFF}
USEr:{ON|OFF}
STATHist
{HIST,pt|MEAN|NWFM|PP|RMSDev|SIGMA1|
SIGMA2|SIGMA3}
STATistics {ON|OFF}
STByte?
STOFmt
{ASCii|BINary|EXUtil|WORKSHEET}
STOList?
STONum?
STORe [<link>:]<arg> (Set-only)
{ALL|FPS<ui>|<qstring>}
TRAce<ui>:{STO<ui>|<qstring>}
<qstring>:STO<ui>

T

TBMain: TBWin <link>:<arg>
LENgth: <NRx>
TIMe: <NRx>
? XINcr: {<NR3>}
TEK4692 <link>:<arg>
COLor: {DEFAult|SCReen}
COLor<ui>:<ui>
DIRection: {HORiz|VERt}
FORMat: {DIThered|DRAft|HIRes|SCReen}
PORt: {CENTRonics|DISK|GPIb|RS232}
SECUre: {ON|OFF}
TEK4696 <link>:<arg>
COLor: DEFAult
COLor<ui>:<ui>
DIRection: {HORiz|VERt}
FORMat: {DIThered|DRAft|HIRes|REDuced|SCReen}
PORt: {CENTRonics|DISK|GPIb|RS232}
SECUre: {ON|OFF}
TEK4697 <link>:<arg>
COLor: DEFAult
COLor<ui>:<ui>
DIRection: {HORiz|VERt}
FORMat: {DIThered|DRAft|HIRes|REDuced|SCReen}
PORt: {CENTRonics|DISK|GPIb|RS232}
SECUre: {ON|OFF}
TEKSECURE
TEST {XTNd} (Set-only)
TEXt|<link>:]<arg> (Set-only)
CLEar
STRing:<qstring>
X:<NRx>
Y:<NRx>
TEXt<ui> <link>:<arg>
COLor:<ui>
STRing:<qstring>
X:<NRx>
Y:<NRx>
TIMe <qstring> = "<hh>:<mm>:<ss>"
TOPline <NRx>
TR? (= TRMain?;TRWin?)
TRAce<ui> <link>:<arg>
ACCumulate:{INFPersist|ON|OFF|VARPersist}
? ACSstate {ENHanced|NENHanced}
DEScription:<qstring>
GRLocation:{UPPer|LOWer}
GRType: LINear
? WFMCalc: {FAST|HIPrec}
? XUNit: {AMPS|DIVS|HERtz|OHMs|SEConds|VOLts|
WATts}
? YUNit: {AMPS|DEGrees|DIVS|OHMs|VOLts|WATts}
TRANUm?
TRLevel {ABSOlute|SCReen}
TRMain <link>:<arg>
ALEvel:<NRx>
ANBlevel: <NRx>,{VOLts|DIVS}
ANLevel:<NRx>,{VOLts|DIVS}
COUpling:{AC|ACLf|ACHf|ACNoise|DC|DCHf|
DCNoise}
MODe:{AUTO|AUTOLevel|NORmal}
SLOpe:{PLUs|MINUs}
SOUrce:<qstring>
? STAtus: {TRG|NOTrg}
TIHoldoff:<NRx>
TIMER1: <NRx>
TIMER2: <NRx>
TRWin <link>:<arg>
ALEvel:<NRx>
COUpling:{AC|ACLf|ACHf|ACNoise|DC|DCHf|
DCNoise}
EVHoldoff:<NRx>
MODe:{AUTOLevel|NORmal}
NLEvel:<NRx>,{VOLts|DIVS}
SLOpe:{PLUs|MINUs}
SOUrce:<qstring>
? STAtus: {TRG|NOTrg}
TIHoldoff:<NRx>
TIMER1: <NRx>
TIMER2: <NRx>
TSMain?
TTAverage <NRx>

U - V

UID <link>:<arg>
CENter:<qstring>
LEFt:<qstring>
MAIn:<qstring>
RIGht:<qstring>
UNDEF {<qstring>|ALL} (Set-only)
UPTime?
USERId <qstring>
V1Bar, V2Bar <link>:<arg>
XCOord: <NRx>
XDIv: <NRx>

W

WAVfrm?
WFMpre <link>:<arg>
ACState: {ENHanced|NENHanced}
? BIT/nr: {8|16}
? BN fmt {RI}
? BYT/nr: {1|2}
? BYT or: {LSB|MSB}
? CRVchk: {CHKsmb|NONe|NULl}
DATE: <qstring>
? ENCdg: {ASCii|BINary}
LABel: <qstring>
NR pt: <NRx>
PT.fmt: {ENV|Y|XY}
TIMe: <qstring>
TSTime: <NRx>
? WFId: {STO<ui>|TRAce<ui>}
XINcr: <NRx>
? XMUlt {<NR3>}
XUNit: {AMPS|DIVS|HERtz|OHMs|SEConds|VOLts|
WATts}
XZEro: <NRx>
YMUlt: <NRx>
YUNit: {AMPS|DB|DEGrees|DIVS|OHMs|VOLts|
WATts}
YZEro: <NRx>
WFMScaling {FORCe|OPTional}
WIN1Pos <NRx>
WIN2Pos <NRx>
WTMode {MAIn|EVHoldoff|TIHoldoff}

< >	::=	Defined item
{ }	::=	One item from group required
[ ]	::=	Optional item(s)
( )	::=	Grouped items
|	::=	Exclusive or
FPS	::=	Front Panel Setting
<*NR1*>	::=	Signed integer
<*NR2*>	::=	Floating point, no exponent
<*NR3*>	::=	Floating point with exponent
<*NRx*>	::=	{<*NR1*> | <*NR2*> | <*NR3*>}
<*ui*>	::=	Unsigned integer
<*curve data*>	::=	Tek Codes&Formats binary block data (<*bblock*>) or ASCII data points (<*NR1*>[{,<*NR1*>}...])
<*qstring*>	::=	Quoted string
?	::=	Query-only header or link

HEAder	Header, link, or argument, minimum spelling in CAPs, links followed by :
RESponse	Query response, minimum spelling in CAPs

Commands are set/query unless otherwise noted. Query-only headers are followed by a ?. Query-only links are indicated with a leading ?. The argument(s) after the colon show the response form. (Note: Do not enter the colon when querying a link.)

Acquisition Commands

AUTOAcq <*link*>:<*arg*>
- **MEMWrap:{ON|OFF}**
- **? REPS**
- **SRQ: {ON|OFF}**
- **TRAce**<*ui*>**:{ON|OFF}**

AUTOSet [<*link*>:]<*arg*>
- **HORiz: {EDGe|PERiod|PULse|OFF}**
- **STARt** *(Set-only)*
- **UNDO** *(Set-only)*
- **VERt: {ECL|PP|TTL|OFF}**

AVG {ON|OFF}

AVGType {BACKWeight|SUMMation}

CONDacq <*link*>: <*arg*>
- **FILt:** <*NRx*>
- **? REMAining:** {<*NR1*>}
- **TRIgger: {MAIn|WINdow}**
- **TYPe: {AVG|BOTh|CONTinuous|DELTa|ENV|FILt|HIST.pt|REPtrig|SEQuence|SINgle|WAVfrm}**

DELTa <*link*>: <*arg*>
- **CHIme: {ON|OFF}**
- **CONSecpts:** <*NRx*>
- **COPy: {ON|OFF}**
- **DESCription:** <*qstring*>
- **? EVENTS** *(Query-only)*
- **NUMPts**
- **REPeat: {ON|OFF}**
- **SAVe: {ON|OFF}**
- **SHOWPts: {TEST|SELECTed}**
- **SRQ: {ON|OFF}**
- **STATUS: {ACTions|NUMPts}**
- **TOTalpts:** <*NRx*>

DIGitizer {ARMed|RUN|STOP}

ENV {ON|OFF}

FFT <*link*>: <*arg*>
- **AVG: {ON|OFF}**
- **DCSUP: {ON|OFF}**
- **FORMat: {DBm|LINear|VPEak|DBVPeak|VRMs|DBVRMs|DBFUnd}**
- **PHAse: {UNWrap|WRAp}**
- **WINDow: {BLAckman|BLHarris|HAMming|HANning|RECTangular|TRIAngular}**

FILTer {ENAble|DISAble}

INCAcq {ENAble|DISAble}

INTERleave {ENAble|DISAble}

NAVg <*NRx*>

NENV <*NRx*>

NHISTpt: <*NRx*>

NREPtrig <*NRx*>

NWAVfrm: <*NRx*>

Calibration Commands

CALIbrator <*link*>:<*arg*>
- **AMPLitude:** <*NRx*>
- **FREq:** <*NRx*>
- **? IMPedence.** {50|450}

CALProbe <*link*>:<*arg*>
- **FULl:** <*slot*><*ui*>
- **SHOrt:** <*slot*><*ui*>

CALStatus?

CALTempdelta?

CCAlconstants <*ui*>: <*NRx*>

CHSkew?

LCAlconstants <*ui*>: <*NRx*>

MCAlconstants <*ui*>: <*NRx*>

RCAlconstants <*ui*>: <*NRx*>

SCLockd {ENAble|DISAble}

SELFcal [<*link*>:]<*arg*>
- **FORce** *(Set-only)*
- **MODe: {AUTO|MANual}**

Channel/Vertical Commands

CH<*slot*><*ui*><*link*>: <*arg*>
- **AMPoffset:** <*NRx*>
- **BW:** <*NRx*>
- **BWHi:** <*NRx*>
- **BWLo:** <*NRx*>
- **COUpling: {AC|DC|OFF}**
- **IMPedance:** <*NRx*>
- **MNSCoupling: {AC|DC|VC|OFF}**
- **MNSOffset:** <*NRx*>
- **? MNSProbe:** {<*qstring*>}
- **OFFSet:** <*NRx*>
- **PLSCoupling: {AC|DC|VC|OFF}**
- **PLSOffset:** <*NRx*>
- **? PLSProbe:** {<*qstring*>}
- **? PROBe:** {<*qstring*>}
- **PROTect: {ON|OFF}**
- **SENsitivity:** <*NRx*>
- **? UNIts:** {<*qstring*>}
- **VCOffset:** <*NRx*>

Cursor Commands

CURMode <*link*>: <*arg*>
- **CMOde: {FINterval|MPEak|PMPeak|PPEak}**
- **DEFault: {HBArs|PAIred|SPLit|VBArs}**
- **HOLd: {ON|OFF}**

CURSor <*link*>: <*arg*>
- **READout: {ON|OFF}**
- **REFErence: TRACe**<*ui*>
- **TYPe: {HBArs|PAIred|SPLit|VBArs}**
- **? XUNit: {AMPs|DB|DEGrees|DIVS|HERtz|OHMs|SEConds|VOLts|WATts}**
- **? YUNit: {AMPs|DB|DEGrees|DIVS|HERtz|OHMs|SEConds|VOLts|WATts}**

DOT1Abs, DOT2Abs <*link*>: <*arg*>
- **PCTg:** <*NRx*>
- **XCOord:** <*NRx*>
- **XDIv:** <*NRx*>
- **? XQUal: {EQ|LT|GT|UN}**
- **? YCOord:** {<*NR3*>}
- **? YDIv:** {<*NR3*>}
- **? YQUal: {EQ|LT|GT|UN}**

DOT1Rel, DOT2Rel <*link*>: <*arg*> *(Set-only)*
- **PCTg:** <*NRx*> *(Set-only)*
- **XCOord:** <*NRx*> *(Set-only)*
- **XDIv:** <*NRx*> *(Set-only)*

H1Bar, H2Bar <*link*>: <*arg*>
- **YCOord:** <*NRx*>
- **YDIv:** <*NRx*>

V1Bar, V2Bar <*link*>: <*arg*>
- **XCOord:** <*NRx*>
- **XDIv:** <*NRx*>

Data Transfer Commands

ABBwfmpre {ON|OFF}

BIT/NR {8|16}

BYT.or {LSB|MSB}

BYT/NR {1|2}

CURVe <*curve data*>

ENCdg <*link*>: <*arg*>
- **HISTogram: {ASCii|BINary}**
- **MEAS: {ASCii|BINary}**
- **SET: {ASCii|BINary}**
- **WAVfrm: {ASCii|BINary}**

INPut {STO<*ui*> **|** <*qstring*>**}**

OUTput {STO<*ui*> **|TRACe**<*ui*> **|** <*qstring*>**}**
- **SET?**
- **WAVfrm? {= WFMpre?.CURVe?}**

WFMpre <*link*>: <*arg*>
- **ACState: {ENHanced|NENhanced}**
- **? BIT/nr: {8|16}**
- **? BN.fmt: (RI)**
- **? BYT/nr: {1|2}**
- **? BYT.or: (LSB|MSB)**
- **? CRVchk: (CHKsm0|NONe|NULl)**
- **DATE:** <*qstring*>
- **? ENCdg: (ASCii|BINary)**
- **LABel:** <*qstring*>
- **NR.pt:** <*NRx*>
- **PT.fmt: {ENV|Y|XY}**
- **TIMe:** <*qstring*>
- **TSTime:** <*NRx*>
- **? WFId: {STO**<*ui*> **|TRAce**<*ui*>**}**
- **XINcr:** <*NRx*>
- **? XMULt:** {<*NR3*>}
- **XUNit: {AMPS|DIVS|HERtz|OHMs|SEConds|VOLts|WATts}**
- **XZERo:** <*NRx*>
- **YMULt:** <*NRx*>
- **YUNit: {AMPS|DB|DEGrees|DIVS|OHMs|VOLts|WATts}**
- **YZERo:** <*NRx*>

Diagnostic Commands

DIAg?

TEST {XTNd] *(Set-only)*

Disk Commands

ATTRIBUTE <*qstring*>,<*qstring*>

BASENAME {FPS|HCP|STO}: <*qstring*>

CD <*qstring*>

CHDIR <*qstring*>

CHKDSK <*qstring*>

DCOPy <*link*>: <*arg*>
- **FPS**<*ui*>**:** <*qstring*>
- **STO**<*ui*>**:** <*qstring*>
- <*qstring*>**: {FPS**<*ui*>**|STO**<*ui*>**}**
- <*qstring*>,<*qstring*>

DIR? *(Query-only)*

FORMat <*qstring*> [, <*qstring*>] *(Set-only)*

MKDir <*qstring*> *(Set-only)*

RENAme <*qstring*>,<*qstring*>

RENDir <*qstring*>,<*qstring*>

RMDir <*qstring*> *(Set-only)*

SETDEV
- **FPS: {DISK|RAM}**
- **STO: {DISK|RAM}**

Display and Color Commands

COLor<*ui*> <*link*>: <*arg*>
- **DEFAult**
- **HUE:** <*NRX*>
- **LIGhtness:** <*NRx*>
- **SATuration:** <*NRx*>

COLor DEFAult

COLORMap <*link*>:<*arg*>
- **SYStem: {ORIginal|STANdard}**
- **TRAce**<*ui*>**: COLor**<*ui*>

DISPlay <*link*>: <*arg*>
- **GRAticule: {DUAl|SINgle}**
- **INTensity:** <*NRx*>
- **INTERPOLATION {NONE|LINEAR|SINX|PSINX}**
- **MODe: {DOTs|VECtors}**
- **PERSistence:** <*NRx*>

External I/O Commands

ALTinkjet <*link*>: <*arg*>
- **DIRection: {HORiz|VERt}**
- **FORMat: {DRAft|HIRes|REDuced}**
- **PORt: {CENTRonics|DISK|GPIb|RS232}**
- **SECUre: {ON|OFF}**

BITMap <*link*>: <*arg*>
- **DATACompress: {ON|OFF}**
- **DATAFormat: {BINary|BINHex}**
- **DIRection: {HORiz|VERt}**
- **FORMat: {DIThered|DRAft|HIRes|REDuced|SCReen}**
- **PORt: {CENTRonics|DISK|GPIb|RS232}**
- **SECUre: {ON|OFF}**

COPy [<*link*>:]<*arg*>
- **{ABOrt|STARt}** *(Set-only)*
- **FORMat: {DIThered|DRAft|HIRes|REDuced|SCReen}**
- **PRInter: {ALTinkjet|BITMap|HPGl|PIN8|PIN24|TEK4692|TEK4696|TEK4697}**
- **? STAtus: {ABORTing|IDLe|SPOoling|PRINTing}**

DEBug <*link*>: <*arg*>
- **GPIb: {ON|OFF}**
- **RS232: {ON|OFF}**

HPGl <*link*>: <*arg*>
- **COLor**<*ui*>**:** <*ui*>
- **COLor: DEFAult**
- **FORMat: {DRAft|HIRes|SCReen}**
- **GRAticule: {CROSSHair|FULl}**
- **PORt: {CENTRonics|DISK|GPIb|RS232}**
- **SECUre: {ON|OFF}**

PIN8 <*link*>: <*arg*>
- **FORMat: {DRAft|HIRes|REDuced}**
- **PORt: {CENTRonics|DISK|GPIb|RS232}**
- **SECUre: {ON|OFF}**

PIN24 <*link*>: <*arg*>
- **FORMat: {DRAft|HIRes|REDuced}**
- **PORt: {CENTRonics|DISK|GPIb|RS232}**
- **SECUre: {ON|OFF}**
- **REPCurve**
- **NREPCurve:** <*NRx*>
- **REPS?**
- **STARt**
- **STOPmt**
- **{ASCii|BINary|EKUtil|WORKSHEET}**

Tektronix DSA 601A and DSA 602A Functional Command Summary

```
:k>:<arg>
NRx>
NRx>
)N|OFF}
R|CRLf|LF|LFCr}
:: {SOFt|HARd|OFF}
ODD|EVEN|NONe}
:: <NRx>
:: {ON|OFF}
<link>:<arg>
DEFAult|SCReen}
ui>:<ui>
n: {HORiz|VERt}
{DIThered|DRAft|HIRes|SCReen}
ENTRonics|DISK|GPIb|RS232}
{ON|OFF}
<link>:<arg>
EFAult
ui>:<ui>
n: {HORiz|VERt}
{DIThered|DRAft|HIRes|REDuced|SCReen}
ENTRonics|DISK|GPIb|RS232}
{ON|OFF}
<link>:<arg>
EFAult
ui>:<ui>
n: {HORiz|VERt}
{DIThered|DRAft|HIRes|REDuced|SCReen}
ENTRonics|DISK|GPIb|RS232}
{ON|OFF}
```

Label and Text Commands

```
ink>:<arg>
:Rx>
NRx>
Rx>
s>:<arg>
uel: <qstring>
ALL|FPS[<ui>]|<qstring>|
)[<ui>]|TRACe[<ui>]}                    (Set-only)
qstring>
ON|OFF}
:<qstring>
tep: {<qstring>}
:<qstring>
ui>:<qstring>
ok>:<arg>                               (Set-only)
:Rx>
NRx>
Rx>
>:]<arg>                                (Set-only)

qstring>


<link>:<arg>
```

Measurement Commands

```
BASeline <NRx>
COMpare {ON|OFF}
DAInt {WHOle|SINgle}
DISTal <NRx>
DLYtrace TRAce<ui>
HISTOgram <link>:<arg>
  C.WINBottom: <NRx>
  C.WINLeft: <NRx>
  C.WINRight: <NRx>
  C.WINTop: <NRx>
  CLEar                                 (Set-only)
  D.WINBottom: <NRx>
  D.WINLeft: <NRx>
  D.WINRight: <NRx>
  D.WINTop: <NRx>
  ? DATA                                (Query-only)
  HISTScaling: {LINear|LOG10}
  ? NR.PT                               (Query-only)
  TYPe: {HORiz|VERt|NONE}
HNUMBER <NRx>
HSYS {ON|OFF}
LMZone <NRx>
<meas>?                                 (Query-only)
{<meas>;:=
  CROss|DELAy|DUTy|FALltime|FREq|GAIn|
  MAX|MEAN|MID|MIN|OVERshoot|PDElay|PERIod|
  PHAse|PP|RISetime|RMS|SFREq|SKEw|SMAg|THD|
  TTRig|UNDershoot|WIDth|YTEnergy|YTMns_area|
  YTPls_area)
MEAS?                                   (Query-only)
MESial <NRx>
MLEvel {ABSOlute|BASEDelta|RELative|TOPDelta}
MSCount <NRx>
MS<meas>?
MSLIst {<meas>|EMPty}
MSLOpe {PLUs|MINUs}
MSNum?
MSREP<meas> STArt                       (Set-only)
MSREPMeas STArt                         (Set-only)
MSTAT?                                  (Query-only)
MSTO <link>:<arg>
  FROM:<ui>
  TO:<ui>
  USING: {ALL|<qstring>}
MSTO<meas>?                             (Query-only)
MSTOMeas?                               (Query-only)
MSYs {ON|OFF}
MTIme {ABSOlute|RELative}
MTRack {BASeline|BOTh|TOPLine|OFF}
PINDEX <NRx>
PROXimal <NRx>
REFLevel <NRx>
```

```
REFSEt<ui>:<link>:<arg>
  CURRent:<meas>                        (Set-only)
  <meas>:<NRx>
REFTrace TRACe<ui>
REP<meas> STArt                         (Set-only)
REPMeas <link>:<arg>
  NREPMeas:<NRx>
  REPS
  SELect: TRACe<ui>
  STArt
RMZone <NRx>
SNRatio <NRx>
STATHist
  {HIST,pt|MEAN|NWFM|PP|RMSDev|SIGMA1|
        SIGMA2|SIGMA3}
STATIstics {ON|OFF}
TOPline <NRx>
TTAverage <NRx>
```

Miscellaneous/System Commands

```
ABStouch {CLEar|<NRx>,<NRx>}
DATE <qstring> = "dd-mmm-yy"
DEF <qstring>,<qstring>                 (Set-only)
DSYmenu?
DSYSTOFmt {HUNdredths|DATE}
FEOi                                    (Set-only)
FPAnel {ON|OFF}
FPUpdate {ALWays|EMPty|NEVer}
INIt                                    (Set-only)
LONgform {ON|OFF}
OPTIONS?
PATh {ON|OFF}
POWeron?
PROBe {NT|NTAuto|SETSeq|STO}
SAVEFACTORY                             (Set-only)
SCLockd {ENAble|DISAble}
SPEaker {ON|OFF}
TIMe <qstring> = "hh:mm:ss"
UNDEF {<qstring>|ALL}                   (Set-only)
UPTime?
USERId <qstring>
TEKSECURE
```

Status and Event Commands

```
CONFig?
EVENT?
ID?
IDProbe?
PIVersion?
RQS {ON|OFF}
```

```
SRQMask <link>:<arg>
  ABStouch:{ON|OFF}
  CALDue:{ON|OFF}
  CMDerr:{ON|OFF}
  EXErr:{ON|OFF}
  EXWarn:{ON|OFF}
  IDProbe:{ON|OFF}
  INErr:{ON|OFF}
  INWarn:{ON|OFF}
  OPCmpl:{ON|OFF}
  USEr:{ON|OFF}
STByte?
UID <link>:<arg>
  CENter:<qstring>
  LEFt:<qstring>
  MAIn:<qstring>
  RIGht:<qstring>
```

Time Base/Horizontal Commands

```
MAINPos <NRx>
TBMain; TBWin <link>:<arg>
  LENgth:<NRx>
  TIMe:<NRx>
  ? XINcr (<NR3>)
WIN1Pos <NRx>
WIN2Pos <NRx>
```

Triggering Commands

```
TR? (= TRMain?;TRWin?)
TRLevel {ABSOlute|SCReen}
TRMain <link>:<arg>
  ALEvel:<NRx>
  ANBlevel:<NRx>,{VOLts|DIVS}
  ANLevel:<NRx>,{VOLts|DIVS}
  COUpling:{AC|ACLf|ACHf|ACNoise|DC|DCHf|
           DCNoise}
  MODe:{AUTO|AUTOLevel|NORmal}
  SLOpe:{PLUs|MINUs}
  SOUrce:<qstring>
  ? STAtus:{TRG|NOTrg}
  TIHoldoff:<NRx>
  TIMER1:<NRx>
  TIMER2:<NRx>
TRWin <link>:<arg>
  ALEvel:<NRx>
  COUpling:{AC|ACLf|ACHf|ACNoise|DC|DCHf|
           DCNoise}
  EVHoldoff:<NRx>
  MODe:{AUTOLevel|NORmal}
  NLEvel:<NRx>,{VOLts|DIVS}
  SLOpe:{PLUs|MINUs}
  SOUrce:<qstring>
  ? STAtus:{TRG|NOTrg}
  TIHoldoff:<NRx>
  TIMER1:<NRx>
  TIMER2:<NRx>
TSMain?
WTMode {MAIn|EVHoldoff|TIHoldoff}
```

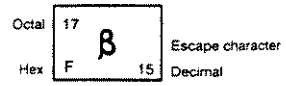
Waveform and Settings Commands

```
ADJtrace<ui><link>:<arg>
  FRESolution:<NRx>
  FSPan:<NRx>
  HMAg:<NRx>
  HPOsition:<NRx>
  HVPosition:<NRx>
  HVSize:<NRx>
  PANzoom:{ON|OFF}
  TRSep:<NRx>
  VPOsition:<NRx>
  VSIze:<NRx>
AVGType {BACKWeight|SUMMation}
CLEar {ALL|TRAce<ui>|<qstring>}         (Set-only)
DELete {<link>:|<arg>                   (Set-only)
  {FPS<ui>|<qstring>|STO<ui>}
  ALL:{FPS|STO}
FPSList?
FPSNum?
NEXTFps <NRx>
NEXTSto <NRx>
NVRam?
PZMode <link>:<arg>
  MULtitrace:{ON|OFF}
  PIVOt:{CENter|LEFt|RIGht}
RECall {FPS<ui>|FPNext|<qstring>}       (Set-only)
RECOVER STO
REMove {ALL|<qstring>|TRAce<ui>}        (Set-only)
SCANStowfm [<link>:]<arg>
  ? CURRent: <ui>
  FROm: <ui>
  KEEp                                  (Set-only)
  MODe: {SCAn|STOP}
  NEXt
  PREvious
  RATe: <NRx>
  TO: <ui>
  USing: {ALL|<qstring>}
SELect {TRAce<ui>|<qstring>}
SETSeq {ON|OFF}
STOList?
STONum?
STORe [<link>:]<arg>                    (Set-only)
  {ALL|FPS<ui>|<qstring>}
  TRAce<ui>:{STO<ui>|<qstring>}
  <qstring>:STO<ui>
TRAce<ui><link>:<arg>
  ACCumulate:{INFPersist|ON|OFF|VARPersist}
  ? ACState:{ENHanced|NENHanced}
  DEScription:<qstring>
  GRLocation:{UPPer|LOWer}
  GRType:LINear
  ? WFMCalc:{FAST|HIPrec}
  ? XUNit {AMPS|DIVS|HERtz|OHMs|SEConds|VOLts|
          WATts}
  ? YUNit {AMPS|DEGrees|DIVS|OHMs|VOLts|WATts}
TRANUm?
WFMScale:{FORce|OPTimal}
```

Escape Character Set

Bits B8 B7 B6 B5 / B4 B3 B2 B1	0 0 0	0 0 1	0 1 0	0 1 1	1 0 0	1 0 1	1 1 0	1 1 1
0 0 0 0	0 0 Ä 0	20 10 Ñ 16	40 20 User Index 1 32	60 30 48	100 40 Π 64	120 50 π 80	140 60 ↓ 96	160 70 ... 112
0 0 0 1	1 1 ä 1	21 11 ñ 17	41 21 User Index 2 33	61 31 49	101 41 α 65	121 51 θ 81	141 61 ↑ 97	161 71 Ä 113
0 0 1 0	2 2 Ö 2	22 12 ¿ 18	42 22 User Index 3 34	62 32 50	102 42 γ 66	122 52 ρ 82	142 62 → 98	162 72 Ê 114
0 0 1 1	3 3 ö 3	23 13 ¡ 19	43 23 User Index 4 35	63 33 51	103 43 δ 67	123 53 Σ 83	143 63 ← 99	163 73 Ř 115
0 1 0 0	4 4 Ü 4	24 14 Ã 20	44 24 User Index 5 36	64 34 52	104 44 Δ 68	124 54 τ 84	144 64 ∫ 100	164 74 Ť 116
0 1 0 1	5 5 ü 5	25 15 ã 21	45 25 User Index 6 37	65 35 53	105 45 ε 69	125 55 υ 85	145 65 ÷ 101	165 75 ⌋ 117
0 1 1 0	6 6 à 6	26 16 À 22	46 26 User Index 7 38	66 36 54	106 46 φ 70	126 56 ν 86	146 66 ° 102	166 76 ⌝ 118
0 1 1 1	7 7 è 7	27 17 Õ 23	47 27 39	67 37 55	107 47 Γ 71	127 57 ω 87	147 67 √ 103	167 77 ⌜ 119
1 0 0 0	10 8 á 8	30 18 õ 24	50 28 40	70 38 56	110 48 Θ 72	130 58 χ 88	150 68 ⁻ 104	170 78 ⌊ 120
1 0 0 1	11 9 é 9	31 19 É 25	51 29 41	71 39 57	111 49 ι 73	131 59 ξ 89	151 69 ± 105	171 79 ┼ 121
1 0 1 0	12 A Â 10	32 1A Ø 26	52 2A 42	72 3A 58	112 4A Ψ 74	132 5A ζ 90	152 6A ≠ 106	172 7A — 122
1 0 1 1	13 B å 11	33 1B ø 27	53 2B 43	73 3B 59	113 4B κ 75	133 5B Φ 91	153 6B ≤ 107	173 7B ├ 123
1 1 0 0	14 C Æ 12	34 1C Œ 28	54 2C 44	74 3C 60	114 4C λ 76	134 5C Λ 92	154 6C ≥ 108	174 7C ┤ 124
1 1 0 1	15 D æ 13	35 1D œ 29	55 2D 45	75 3D 61	115 4D μ 77	135 5D Ψ 93	155 6D © 109	175 7D ┴ 125
1 1 1 0	16 E ç 14	36 1E Ç 30	56 2E 46	76 3E 62	116 4E η 78	136 5E σ 94	156 6E ® 110	176 7E ┬ 126
1 1 1 1	17 F ß 15	37 1F ∞ 31	57 2F 47	77 3F 63	117 4F Ω 79	137 5F Ξ 95	157 6F ≈ 111	177 7F │ 127

Key



TEKTRONIX

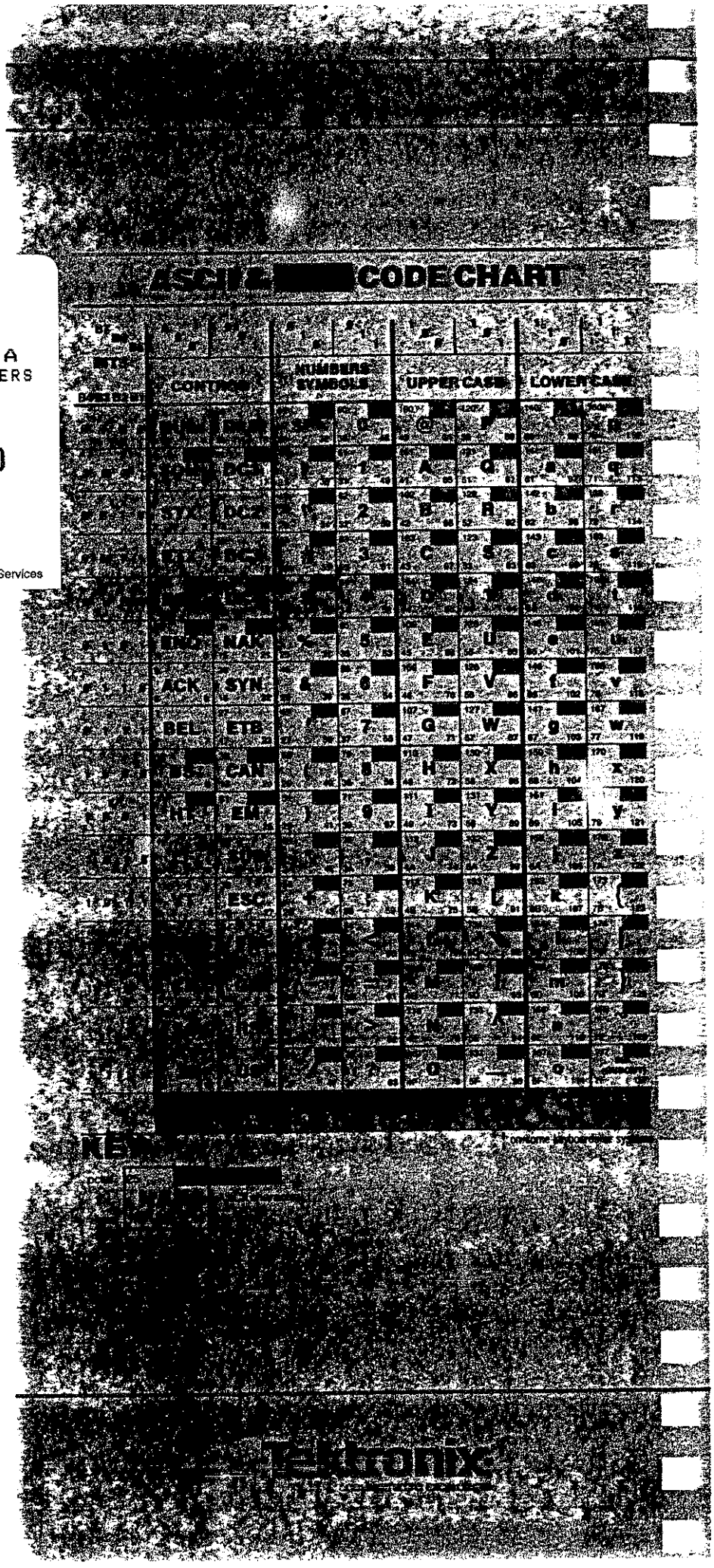
DSA 601A & DSA 602A
DIGITIZING SIGNAL ANALYZERS

QUICK REFERENCE

070-8183-00

AT&T Capital Corporation

Data Services



MANUAL CHANGE INFORMATION

At Tektronix, we continually strive to keep up with the latest electronic developments by adding circuit and component improvements to our instruments as soon as they are developed and tested.

Sometimes, due to printing and shipping requirements, we can't get these changes immediately into printed manuals. Hence, your manual may contain new change information on the following pages.

A single change may affect several sections. Since the change information sheets are carried in the manual until all changes are permanently entered, some duplication may occur. If no such change pages appear following this page, your manual is correct as printed.