

# COMMAND LIST

<b>VARIABLES</b>	i,j,k,l,m	Integers
	f	Frequency (real)
	x,y,z	Real Numbers
	s	String
<b>REFERENCE and PHASE</b>	<u>page</u>	<u>description</u>
PHAS (?) {x}	5-4	Set (Query) the Phase Shift to x degrees.
FMOD (?) {}	5-4	Set (Query) the Reference Source to External (0) or Internal (1).
FREQ (?) {}	5-4	Set (Query) the Reference Frequency to f Hz. Set only in Internal reference mode.
RSLP (?) {}	5-4	Set (Query) the External Reference Slope to Sine(0), TTL Rising (1), or TTL Falling (2).
HARM (?) {}	5-4	Set (Query) the Detection Harmonic to $1 \leq i \leq 19999$ and $i \cdot f \leq 102$ kHz.
SLVL (?) {x}	5-4	Set (Query) the Sine Output Amplitude to x Vrms. $0.004 \leq x \leq 5.000$ .
<b>INPUT and FILTER</b>	<u>page</u>	<u>description</u>
ISRC (?) {}	5-5	Set (Query) the Input Configuration to A (0), A-B (1), I (1 M $\Omega$ ) (2) or I (100 M $\Omega$ ) (3).
IGND (?) {}	5-5	Set (Query) the Input Shield Grounding to Float (0) or Ground (1).
ICPL (?) {}	5-5	Set (Query) the Input Coupling to AC (0) or DC (1).
ILIN (?) {}	5-5	Set (Query) the Line Notch Filters to Out (0), Line In (1), 2xLine In (2), or Both In (3).
<b>GAIN and TIME CONSTANT</b>	<u>page</u>	<u>description</u>
SENS (?) {}	5-6	Set (Query) the Sensitivity to 2 nV (0) through 1 V (26) rms full scale.
RMOD (?) {}	5-6	Set (Query) the Dynamic Reserve Mode to HighReserve (0), Normal (1), or Low Noise (2).
OFLT (?) {}	5-6	Set (Query) the Time Constant to 10 $\mu$ s (0) through 30 ks (19).
OFSL (?) {}	5-6	Set (Query) the Low Pass Filter Slope to 6 (0), 12 (1), 18 (2) or 24 (3) dB/oct.
SYNC (?) {}	5-7	Set (Query) the Synchronous Filter to Off (0) or On below 200 Hz (1).
<b>DISPLAY and OUTPUT</b>	<u>page</u>	<u>description</u>
DDEF (?) i {, j, k}	5-8	Set (Query) the CH1 or CH2 (i=1,2) display to XY, R $\theta$ , XnYn, Aux 1,3 or Aux 2,4 (j=0..4) and ratio the display to None, Aux1,3 or Aux 2,4 (k=0,1,2).
FPOP (?) i {, j}	5-8	Set (Query) the CH1 (i=1) or CH2 (i=2) Output Source to X or Y (j=1) or Display (j=0).
OEXP (?) i {, x, j}	5-8	Set (Query) the X, Y, R (i=1,2,3) Offset to x percent ( $-105.00 \leq x \leq 105.00$ ) and Expand to 1, 10 or 100 (j=0,1,2).
AOFF i	5-8	Auto Offset X, Y, R (i=1,2,3).
<b>AUX INPUT/OUTPUT</b>	<u>page</u>	<u>description</u>
OAUX ? i	5-9	Query the value of Aux Input i (1,2,3,4).
AUXV (?) i {, x}	5-9	Set (Query) voltage of Aux Output i (1,2,3,4) to x Volts. $-10.500 \leq x \leq 10.500$ .
<b>SETUP</b>	<u>page</u>	<u>description</u>
OUTX (?) {}	5-10	Set (Query) the Output Interface to RS232 (0) or GPIB (1).
OVRM (?) {}	5-10	Set (Query) the GPIB Override Remote state to Off (0) or On (1).
KCLK (?) {}	5-10	Set (Query) the Key Click to Off (0) or On (1).
ALRM (?) {}	5-10	Set (Query) the Alarms to Off (0) or On (1).
SSET i	5-10	Save current setup to setting buffer i ( $1 \leq i \leq 9$ ).
RSET i	5-10	Recall current setup from setting buffer i ( $1 \leq i \leq 9$ ).
<b>AUTO FUNCTIONS</b>	<u>page</u>	<u>description</u>
AGAN	5-11	Auto Gain function. Same as pressing the [AUTO GAIN] key.
ARSV	5-11	Auto Reserve function. Same as pressing the [AUTO RESERVE] key.
APHS	5-11	Auto Phase function. Same as pressing the [AUTO PHASE] key.
AOFF i	5-11	Auto Offset X,Y or R (i=1,2,3).