# Key sequence summary

#### HP-29E Ir Quick Guide

Key sequence	Mode	Description
g g R/S	RUN	Enter Stopwatch mode
R/S NOP	RUN	Enter Hexadecimal entry mode
STO 0 9	RUN	Store register set in Storage Memory 0 to 9
RCL 0 9	RUN	Load register set from Storage Memory 0 to 9
RCL O O O O O O O O O O	RUN	Recall constant 0-39 from Constant Collection
STO O O O	RUN	Store constant 0-39 to Constant Collection
ENTER +	RUN	Show mantissa
g g RCL	RUN	Show registers 0 to 9
g g SST	PRGM	Show program steps
g g SST	RUN	Single Step Debug
GTO 9 8 50 50 50 50 50 50 50 50 50 50 50 50 50	PRGM	Goto program step 00 to 98
9	PRGM	Switch to RUN mode
<b>9</b>	RUN	Switch to PRGM mode
RCL O O	PRGM	Load program 00 to 29 from Program Library
STO O O O	PRGM	Store program 00 to 29 to Program Library
9 9 GTO 0 - 9	RUN/ PRGM	Enter Function 0-9 (see function summary)

# Print keys

Key	Mode	Description
ENTER +	RUN	Paper Advance
ENTER +	RUN	Print X
g g SST	PRGM	Print Program
9 9 GTO 0 8	RUN/ PRGM	Toggle "Trace mode" flag

# Repeat keys

Key	Description
R. →	Show stack
x y	Show XY registers
SST	Show program steps forward in PRGM mode

## Function summary

#### HP-29E Ir Quick Guide

Function	Description
g g GTO	Enter Function Menu ( Rev 1.03)
	Show firmware revision and serial number
<b>○</b>	Toggle flags
1 FRAC	Show calculator logo
2	Show ROM code
3 ABS	Show ROM checksum
4	Show program number and checksum
5	Show available Memory
6 tan*	Show operating time
7	Show Flash write cycles
8	LED Test
9	Enter welcome message

## Power up keys

Key	Description
	Show firmware revision and serial number
0 - 9 +H	Toggle Flags 0 to 9
CLX	Toggle between Original mode and Standard or Extended mode
EEX	Toggle between External ROM and Internal ROM firmware
STO	Flash internal ROM from external ROM when in RUN mode

# Stopwatch keys

Key	Description
g g R/S	Enter and leave stopwatch mode
R/S NOP	Start and stop stopwatch timer A or B
CHS	Start and stop stopwatch timers A and B simultaneously
CLX	Reset stopwatch timer A or B
xzy	Toggle between stopwatch timer A and B
ENTER +	Game watch toggle between player A player B
EEX	Start and stop calibration
STO 0	Store Lap Times 0 - 7, Recall with P