

TERMINAL NUMBER
The nearest terminal block to the connector with color number 20000001 and higher. The change made to instrument having serial number 40001 with the same number will be found in a "Revised" equipment supplied with this manual. Be sure to install the equipment. Do change with only if you determine that actual field changes in the system.

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HP8152A COMMAND SUMMARY

SETTINGS (LISTENER FUNCTION)

Parameter/Operation	Mnemonic	Data	Unit	Comment
Select SET Mode	M	1		
Select ME/Slave Mode	M	2		
Select Channel A	CH	1		
Select Channel B	CH	2		
Select B/A Operation	CH	3		
Autorangeing Off	AR	0		
Autorangeing On	AR	1		
Zero Off	ZER	0		
Zero On	ZER	1		
Filter Off Settings	F	1,0		for Channel A
	F	2,0		for Channel B
	F	3,0		for B/A operation
Filter On Settings	F	1,1		for Channel A
	F	2,1		for Channel B
	F	3,1		for B/A operation
Select dBm Units	U	0		
Select Watts	U	1		
Select dB Units	U	2		
Select Trigger Off	T	0		continuous operation
Select Trigger On	T	1		single cycle operation
Set Channel A Range	RNG	1,value	dBm or dBmW	value = +30,-90; head dependent
Set Channel B Range	RNG	2,value	dBm or dBmW	value = +30,-90; head dependent
Set Channel A/A	WVL	1,value	M, MM, UM, NM, PM	meter, Default if no unit defined, millimeter, micrometer, nanometer, picometer
Set Channel B/A	WVL	2,value	M, MM, UM, NM, PM	meter, Default if no unit defined, millimeter, micrometer, nanometer, picometer
Set CAL for Channel A	CAL	1,value	DB	default is dB if no units defined
Set CAL for Channel B	CAL	2,value	DB	default is dB if no units defined
Set REF for Channel A	REF	1,value	DBM or dBmW, W, MW, UM, NM, PM	watts, milliwatts, microwatts, nanowatts, picowatts
				If no units defined, default is determined by the "U" setting
Set REF for Channel B	REF	2,value		
Set REF for B/A Mode	REF	3,value	DB	default is dB if no units defined
Set SRQ Mask	SRE	value		value = decimal number (0-191). A "1" in the binary equivalent sets SRQ on this condition.
Clear Status Byte	CSB			Always clears Status Byte independent of SRQ state
Clear Device	CLR			Clears all I/O buffers. Same as Universal Device Clear Command.
Trigger	TRG			Perform one measurement in single cycle operation.

STANDARD PARAMETER SET (LISTENER FUNCTION)

Parameter/Operation	Mnemonic	Comment
Recall Standard Parameter Set	RS1	The settings are as follows:
		Measure mode
		Channel A
		AUTorangeing on
		ZERO off
		Filter off
		Units dBm
		Range 0 dBm
		REFERENCE value 0 dB/1 mW
		CAL factor 0 dB
		X = head dependent