



Model	Code Name	RAM	Expansion	Processor
HP-48G	Alcuin	32K	N	4Mhz
HP-48G+	Plus	128K	N	4Mhz
HP-48GX	Hammer	128K	Y	4Mhz
HP-48S	Shorty	32K	N	2Mhz
HP-48SX	Charlemagne	32K	Y	2Mhz

Keys	49
Batteries	3 x AAA
External power	No
Self test	ON+E

Test

- Press ON and E at the same time to start the self-test. This loops the following: Processor Speed test, Disp test, IROM, IRAM. When the test is completed you will see **OK-48**. Press ON and C to reset the calculator and terminate the test.
- Press ON and D to initiate the system test menu. Then press E to start the keyboard test. You will see a prompt that says KBD1. Press each key left to right, top to bottom starting with A B C D E F G H... and ending with SPC +. Follow **KBD1 OK** with ON and C to reset the calculator and terminate the test. If pressed out of order, terminate and restart the key test.
- Press ON and D then EVAL. This starts the IR Loop back test. Follow **IRLB OK** with ON+C to terminate test.

Inspect

- Front is scratch/dent free. (very limited wear)
- Screen is not bruised or damaged. (may have some use)
- Open battery compartment. Insert/remove batteries and check connections for clean contacts (little or no white or green corrosion).
- Reverse is clean and scratch free.
- All 4 rubber feet present.
- Visually check for 4 straight serial pins.