

LP-2800 LP-3500

LOGIC PROBE

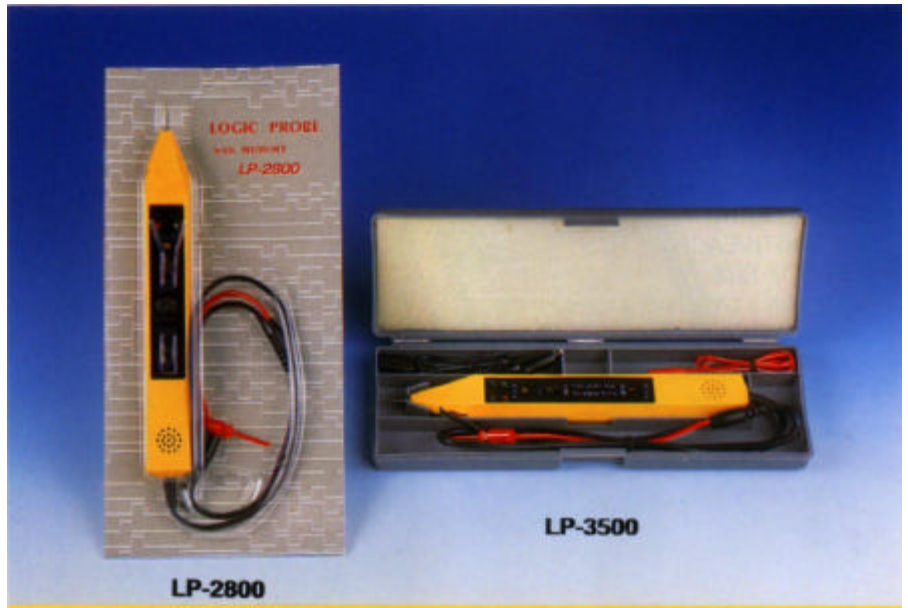
COMMON SPECIFICATIONS

- input impedance. 1MΩ
- width of min. pulse: 30 ns.
- max. input frequency: 17 MHz.
- measurable Logic Gate: TTL and CMOS
- Logic 1 (red LED Lights) and then buzz.
2.3V ± 0.2V 70% Vcc
- Logic 0 (green LED lights) and then buzz.
0.8V ± 0.2V 30% Vcc.
- input overvoltage protection:
±220V DC/AC 15 sec.
- Pulse (yellow LED) flashing time: 500ms.
- Power supply protection: ±20V.

dimension	weight
212×26.5×18mm (main body)	65g
235×78×32mm (with case)	210g

Special functions for LP-3500

- ABS CASE
- Two audio tones
- Two external terminal. It is also available for LP-2B00 but at extra-pay



LP-540H LOGIC PULSER

The K&H LP-540H logic pulser is a very effective tool for inspecting and repairing the logic circuits. It can be used directly to inject a signal into the logic circuits without removing the IC or reading the circuits. Using the logic probe as a monitor, you can not only know the wiring errors but also check out malfunctional components. The reason is that it can produce a very large transient current in a moment. Since the average power produced under these conditions is very small, the injected signal will not destroy any one of the components in the circuits. Further, the pulser takes advantage of the voltage produced by a current flowing through the inherent resistance of the circuit to produce the injected signal.

Logic Pulser can produce a 10 μs pulse signal at 100mA load. The signal frequency may be switched to either 0.5Hz or 400Hz, and as a result the Logic Pulser is a fairly powerful pulser. At the same time, the Logic Pulser can produce a 90% high digital signal at square wave output terminal, and it is easier to observe and trace circuits by using oscilloscope. The logic Pulser Probe also has a sync input point, which can be used to produce an externally synchronized signal.

SPECIFICATION

- Sync input impedance1MΩ
- Pulse repetition rate0.5pps/400pps
- Pulse width in pulser output at 100mA load10μs.....
- Output current
(1) pulser mode100mA sink/source
(2) square wave output 5mA sink/source
- Power supply protection..... ±25V/25sec.
- Output protection ±35V/15sec.
- Size.....212 x 26.5 x 18mm
- Weight65g

GENERAL

Maximum allowable supply voltage. ...±20V
 Operating supply voltage range3~15V
 Max. output allowable connection voltage35V.....
 Free air operating temperature range 0~50°C
 Max. sync input voltage.±120V/15sec.

EXTRA ACCESSORIES:

The Logic Pulser also can be used with changable External terminal.
 Red terminal: to extend probe leads.
 Black terminal: to extend ground point to circuit.

