

---

# List of Experiments

---

Order Code EPLDR - DIGITAL RECORDING LABORATORY

---

1.	Finding Out Which Direction The Current Flows
2.	The Current Can Not Get Through
3.	Strength Of The Current (Resistors Connected in Parallel)
4.	Strength Of The Current (Resistors Connected in Series)
5.	Making Light Signals In Morse Code
6.	Conductors and Non Conductors
7.	Light Intensity Regulator
8.	Using The Light To Turn On the LED
9.	Charging And Discharging A Capacitor
10.	The Transistor
11.	Characteristics Of The Transistor
12.	Light Intensity Adjuster (Dimmer)
13.	Alarm
14.	Light Switch With Photoresistor
15.	Dimmer Switch With Photoresistor
16.	Reflex Test
17.	Twilight Switch
18.	Delayed Action Circuit (First Example)
19.	Delayed Action Circuit (Second Example)
20.	Two LED Signaling Circuit
21.	Oscillating Multi-Vibrator (Flasher)
22.	Checking The Flash With Light (Light Intensity Sensor)
23.	Rhythmic Sound Generator (metronome)
24.	Monostable
25.	Bistable (Flip-Flop)
26.	The Darlington Circuit (This Amplifies A Lot)
27.	Level Detector (Or Humidity Detector)
28.	Delay Device Using Resistance And Capacitance
29.	Rain Detector
30.	Dawn / Dusk Device
31.	Lung Capacity Test
32.	Battery Test
33.	To Make A Recorder
34.	Recording
35.	RED Record – GREEN Speak
36.	Press The Play Button And Listen
37.	Playback At Full Speed
38.	Slowed Down Playback
39.	The Robot Voice
40.	Electronic Parrot
41.	Increasing The Microphone's Sensitivity
42.	More Recording Time
43.	Getting The Right Balance Between Speed And Time
44.	Playback At The Speed Of Light
45.	Time And Light
46.	Voice Alarm Number 1
47.	Voice Alarm Number 2
48.	Electronic Bell
49.	Electronic Cockerel
50.	It Is Bat Time
51.	Electronic Float
52.	Rain Alarm Circuit
53.	Repeated Recording
54.	The Magic Touch
55.	The Virtual Recording Button
56.	Delayed Playback
57.	Semi-Automatic Recording
58.	Infinite Playback
59.	The Speaker Is A Microphone?



QUASAR ELECTRONICS LIMITED  
PO Box 6935, Bishops Stortford, CM23 4WP, UK  
Tel: +44 (01279) 467799  
Fax: +44 (01279) 267799  
URL: <http://www.quasarelectronics.com>  
E-mail: [sales@quasarelectronics.com](mailto:sales@quasarelectronics.com)