

real time, paper less recorder

DATA LOGGER

Model : DL-9601A

ISO-9001, CE, IEC1010



FEATURES

- * Available for the LUTRON instruments (build in the RS232 interface), it can store 8000 measurement value along time information.
- * Sampling time preset from 1 second to 9 hours.
- * Auto or manual data logger.
- * Real time (year, month, date, hour, minute, second).
- * DC 1.5V battery (UM-3 , AA) x 4 or DC 9V adapter in.



LUTRON ELECTRONIC

The Art of Measurement

DATA LOGGER

FEATURES

* Available for the LUTRON instruments (build in the RS232 interface), it can store 8000 measurement value along time information.
* Sampling time preset from 1 second to 9 hours.
* Auto or manual data logger.
* Save data with real time (year, month, date, hour, minute, second). information.
* DC 1.5V battery (UM-3 , AA) x 4 or DC 9V adapter in.
* LCD display with low power consumption, long battery life.
* Applications : Connect the DATA LOGGER, DL-9601A, with LUTRON's instruments if it builds in RS-232 interface, then can save the Max. 7999-point data to the DL-9601A along with the time information, it also can adjust Interval Sampling Time from 1 second to 9 hours. After DL-9601A saving the data, connect the DATA-LOGGER to computer with RS232 cable to translate the data to the computer. Data can be used by the application software such EXCEL..., then execute the further data analysis.

GENERAL SPECIFICATIONS

Store Data No.	Max. 8,000 data (16 bits data stream) along with the time information.	
Display	LCD, size : 23 mm x 16 mm.	
Interval Recording Time adjustment	Seconds	1 to 59 seconds.
	Minutes	1 to 59 minutes.
	Hours	1 to 8 hours.
Time Information	year, month, date, hour, minute, second.	
Max. store data loss	<i>Max. one point data may loss if store data no. less than 1,000 points data.</i>	
	<i>Max. two points data may loss if store data within 1,000 - 4,999 points data.</i>	
	<i>Max. three points data may loss if store data within 5,000 - 8,000 points data.</i>	
Clock	Crystal O.S.C.	
Battery	1.5 V AA (UM-3) battery x 4 PCs. (Alkaline or heavy duty type).	
Power Consumption	Approx. 3.5 mA.	
External Power	9V DC adapter, optional.	
Memory management	The data will be kept in the memory circuit (even power off) continuously when the batteries are under normal condition.	
Low Battery Indicator	When the LCD show the low battery indicator , it should change the batteries.	

Operating Temperature	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80 % RH.
Weight	205 g/ 0.45 LB (including battery).
Dimension	HWD - 131 x 70 x 26 mm (5.2 x 2.8 x 1.0 inch).
Accessories Included	* Software install disk (software to load the data from DL-9601A to the computer), SW-D009.....1 PC * Double earphone cable, UPCB-031 PC * RS232 cable (direct type) for data output, UPCB-01..... 1 PC
Optional Accessories	AC to DC 9V adapter. RS232 cable (isolate type), UPCB-02 USB cable, USB-01

2-2 AVAILABLE INSTRUMENTS FOR DL-9601A

Isolate RS232 Instruments				Direct RS232 Instruments	
AM-4210	LX-1102	TM-926	YK-2005WA	AM-4203	PM-9100
CD-4306	LX-1108	TM-929	YK-2014CD	AM-4204	PM-9107
CD-4322	LX-1118	TM-936	YK-22CT	AM-4205	PS-9302
CD-4322	MY-81AP	TM-939	YK-22DO	AM-4206	TM-906A
DM-9031	MY-91HT	TM-946	YK-80AM	AM-4206M	TM-907A
DM-9093	PDT-2250	TM-949	YK-80AP	AM-4213	TM-908
DM-9680	PH-208	TQ-8801	YK-80AS	AM-4216	TM-910
DO-5519	PH-221	VB-8203	YK-80HT	CD-4303	TM-915
DT-2230	PHT-3109	VT-8204	YK-90HT	DO-5510	TM-917
DT-2269	PPH-2108	YK-2001PH		DO-5511	TQ-8800
DW-6090	PPH-221	YK-2001TM		FG-5005	UVA-365
DW-6091	RGB-1002	YK-2004AH		FG-5020	UVC-254
EM-9000	SL-4012	YK-2004CD		FG-5100	VB-8200
HD-3008	SL-4013	YK-2005AH		HT-3006	VB-8201
HT-3009	SL-4112	YK-2005AM		HT-3015	VB-8202
HT-306	TM-2000	YK-2005CD		LX-105	VB-8220
HT-315	TM-903A	YK-2005LX		LX-107	VC-9200
LCR-9073	TM-9126	YK-2005RH		MS-7000	VB-8220
LX-110	TM-925	YK-2005TM		PH-207	

Note :

Isolate RS232 Instruments :

The RS232 interface of the instruments is built the isolate (photo couple) circuit.

Direct RS232 Instruments :

The RS232 interface of the instruments is used the direct circuit (not photo couple).