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* SERVICE MANUAL *  
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* DIGITAL LUX METER *  
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* LX-101 *  
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1. PARTS LIST.
2. GUARANTEE AND SPARE PARTS PRICE LIST.
3. CALIBRATING PROCEDUT
4. TROUBLE SHOOTING STRATGEY.
5. PCB LAYOUT
6. CIRCUIT DIAGRAM

A. EDIT DATE 85/9/16
B. MODIFY DATE:
C. MODIFY DATE:

DATE:1985/9/17

- NOTE: 1.WHEN IT IS NECESSARY TO REPLACE ANY OF THE ELECTRICAL COMPONENTS SPECIFIED IN THIS PARTS LIST,USE COMPONENTS OF EQUAL OR BETTER SPECIFICATIONS.
2. ALL THE PARTS DESCRIBED IN THIS ELECTRICAL PARTS LIST ARE SUBJECT TO CHANGE DUE TO ENGINEERING CHANGES FOR IMPROVEMENT.
3. FOR ORDERING SPARE OR REPLACEMENT PARTS,REFER TO THE PARTS CODE SHOWN FOR EACH ITEM.

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CIRCUIT REF. NO.	PARTS CODE	DESCRIPTION	RATING	REMARKS	PRICE
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CAPACITORS

C1	CE001060	ELECTROLYTIC	10UF	16V	
C2	CF010030	METAL FILM	0.1UF	100V	
C3	CF010030	METAL FILM	0.1UF	100V	
C4	CF022030	METAL FILM	0.22UF	100V	
C5	CF068030	METAL FILM	0.68UF	100V	
C6	CF010030	METAL FILM	0.1UF	100V	
C7	CC200000	CERAMIC	200PF	50V	

RESISTORS

R1	RC330034	CARBON FILM	330K,	1/4W	5%
R2	RC150034	CARBON FILM	15K,	1/4W	5%
R3	RC150034	CARBON FILM	15K,	1/4W	5%
R4	RC001064	CARBON FILM	1M OHM,	1/4W	5%
R5	RM010004	METAL FILM	10 OHM,	1/4W	5%
R6	RM010004	METAL FILM	10 OHM,	1/4W	5%
R7	RM100004	METAL FILM	100 OHM,	1/4W	5%
R8	RM100004	METAL FILM	100 OHM,	1/4W	5%
R9	RM900004	METAL FILM	900 OHM,	1/4W	5%
R10	RC150034	CARBON FILM	150K,	1/4W	5%
R11	RC002264	CARBON FILM	2.2M,	1/4W	5%
R12	RC470034	CARBON FILM	470K,	1/4W	5%
R13	RM015034	METAL FILM	15K,	1/4W	1%
R14	RM267004	METAL FILM	267 OHM,	1/4W	1%
R15	RC470034	CARBON FILM	470K,	1/4W	5%
R16	RC470034	CARBON FILM	470K,	1/4W	5%
R17	RC047034	CARBON FILM	47K,	1/4W	5%
R18	RC068034	CARBON FILM	68K,	1/4W	5%

CIRCUIT REF. NO.	PARTS CODE	DESCRIPTION	RATING	REMARKS	PRICE
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VARIABLE RESISTORS

VR1	VR004732	METAL FILM	4.7K,	0.5W	
VR2	VR100002	METAL FILM	100 OHM	0.5W	

INTEGRATE CIRCUITS

IC1	IC007106	A/D	7106		
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DIODES, TRANSISTORS, ZENERS

D1	DIZE062V	ZENER, 6.2V	6.2V,	0.5W	
TR1	DI00547B	TRANSISTOR	9014 OR 547B		
TR2	DI00547B	TRANSISTOR	9014 OR 547B		

DISPLAY

LCD1	LCDZB640	0.6" LCD	3 1/2 DIGITS		
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SWITCHES

SW01	SWSL0101	2 POSITION	SLIDE SWITCH		
SW02	SWSL0101	3 POSITION	SLIDE SWITCH		

CONDUCTING RUBBER

CONDUCTING RUBBER 01	CONRUB01	51(L)*2.6(W)*4.5(H)			
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SCREWS, NUTS

SCREW 01	2.6*6	(LCD)			
SCREW 02	2.6*6	(CASE)			

SOLAR CELL

SOLAR CELL 01					
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SOCKET

SOCKET 01					
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