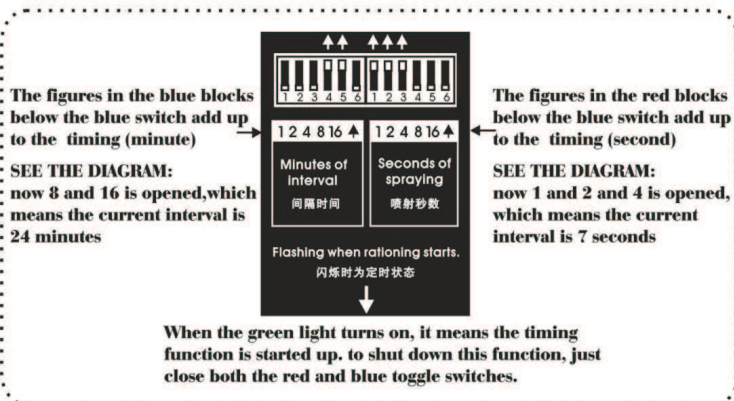


## COMMON MALFUNCTIONS AND MAINTENANCE:

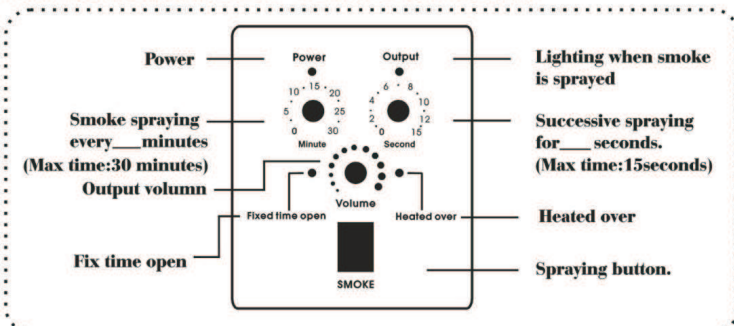
Poor tar might cause jamming or leakage, so please use premium and high-end tar. As any pump damage or flue tube jamming caused by the use of other tars are not within the guarantee range, please disconnect the power before adding tar and operate carefully for fear that the tar might overflow to lead to short circuit.

In case of abnormal operation, please do not dismantle the machine on your own, otherwise you will not be offered with the free-of-charge maintenance!

## FUNCTIONAL DIAGRAM OF D-5 TIMING CONTROLLER:



## FUNCTIONAL DIAGRAM OF D-4 TIMING CONTROLLER:



- |   |   |
|---|---|
| <input type="checkbox"/> MODEL: DF-3000 | <input type="checkbox"/> MODEL: PT-1500   |
| <input type="checkbox"/> MODEL: DF-2000 | <input type="checkbox"/> MODEL: PT-1200   |
| <input type="checkbox"/> MODEL: DF-1500 | <input type="checkbox"/> MODEL: TT-1500   |
| <input type="checkbox"/> MODEL: DF-1200 | <input type="checkbox"/> MODEL: TT-1200   |
| <input type="checkbox"/> MODEL: DF-V6   | <input type="checkbox"/> MODEL: HAZER-900 |
| <input type="checkbox"/> MODEL: DF-V9   |   |



CONFORMS TO  
ANSI/UL STD. 998  
CERTIFIES TO  
CAN/CSA STD.  
C22.2 NO.106



# PROFESSIONAL STAGE SMOKE EFFECT

# ELECTRA LIGHT

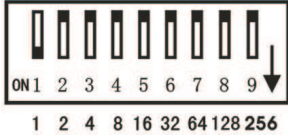
- 2.Before power on,please verify that the supply voltage is in conformity with the rated voltage of the smoke machine.the power supply should be connected to the Grounding wire.when powered on,the indicator light will turn on,and the smoke machine will begin to work.connece it to different controllers for different controls
- 3.At the first time,it is normal if the smoke machine creates just a little smoke or some steam,just take it easy.
- 4.Please place the smoke machine in the draught but not in the hole.or the smoke machine's temperature fuse will be blown out to stop heating
- 5.Place the smoke machine horizontally on the ground or install it on the hanger,butnot aslant over 50.The smoke machine should keep a minimum 20cm distance all around And up and down.keep it off kids,flames, inflammable or explosives, and prevent scalding.
- 6.Please add tar in time.If the smoke machine keeps running when the tar is used up,its pump and heating organs will be damaged.turn off the power before adding tar, and operate carefully for fear theat the tar might overflow to cause short circuit
- 7.In case that the smoke is diminshed,there is noise in the oil suction pump,or the smoke machine stops smoking,please disconnect the power at once,and check the tar deposit, fuse,wiring plug and power plug at the same time.If the problems are stilled not solved, please contact the supplier
- 8.In unmanmed cases,do not let machine running.keep it off kids.do not add inflammable gases,such as oils,gas or spice.when the machine is running,do not touch the wire for fear of electrical shock.
- Due to condensation,vapour or moisture might gather around thenozzle of any smoke machine
  - There might be some surplus smoke ejected from any smoke machine during operation or after shutdown

CONNECTION OF DMX512:

Some machines are subject to the dmx512 signal standard.the connection can be Finished by means of “input” and “output” of the triple XLR socket, the output of the control signal line must be corresponding to the grounding wire of the XLR socket, and the lengths of the 2(-)and3(+)-singnal lines should be within 100m,or they might disturb other electric appliances

■ Note: some consoles cannot work well unless pin 2and pin 3 are cross-welked

The machine adopts 1 digital band,and its address code range is 0-255(OFFH)



Pull down in the arrow direction to turn on.The address switch shown on the diagram is preset as “1”

PRODUCT PERFORMANCE PARAMETER LIST

Model/Specification	DF-3000	DF-1500	DF-V6	DF-V9	PT-1500	PT-1200	HAZER-900	TT-1500
Voltage used	AC110V/50—60Hz AC220V/50—60Hz	AC110V/50—60Hz AC220V/50—60Hz	AC110V/50—60Hz AC220V/50—60Hz	AC110V/50—60Hz AC220V/50—60Hz	AC110V/50—60Hz AC220V/50—60Hz	AC110V/50—60Hz AC220V/50—60Hz	AC110V/50—60Hz AC220V/50—60Hz	AC110V/50—60Hz AC220V/50—60Hz
Power	3000W	1500W	1500W	900W	1500W	1200W	900W	1500W
Current-limited safety device	250V/15A	250V/10A	250V/10A	250V/5A	250V/10A	250V/8A	250V/8A	250V/10A
Re-heating time	11Min	8Min	8Min	6Min	8Min	8Min	6Min	8Min
Smoke output	40000Cuff/min	20000Cuff/min	20000Cuff/min	10000Cuff/min	18000Cuff/min	16000Cuff/min	10000Cuff/min	17000Cuff/min
Capacity of oil tank	9.5L	2.5L	2.5L	0.8L	2.5L	2.5L	1.3L	
Gross weight	18.kg	8.5kg	7.5kg	5.2kg	8.5kg	7.5kg	7.5kg	8.5kg
POWER plug power (volatility) (Please refer to the manual)	✓	✓	✓	✓	✓	✓	✓	
Electronic temperature control	✓	✓	✓	✓	✓	✓	✓	
Wire controller	✓	✓	✓	✓	✓	✓	✓	
Timing controller	✓	✓	✓	Selection is available	Selection is available	Selection is available	Selection is available	
Wireless remote controller	✓	✓	✓	✓	✓	✓	✓	
DMX-512	✓	✓	✓	✓	✓	✓	✓	
Output volume adjusted	✓	✓	✓	✓	✓	✓	✓	