

Thunder Lightning MACHINE™

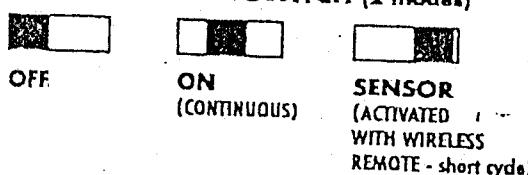
ACTIVATION

CONTROLS - ON SIDE OF BOX

TOP SWITCH (3 settings)



LOWER SWITCH (2 modes)



1. Adjust top setting switch to desired activation: Lightning only, thunder only or thunder and lightning.

2. Adjust bottom mode switch to be either continuous ON or activated by the SENSOR. Sensor activation is a short cycle and will stop on its own: You will need to turn unit off manually when in the ON continuous cycle.

Item no. 12880

CONTROLS - ON SIDE OF REMOTE

The REMOTE allows you to control the Effects Box from a distance. REMOTE will not operate unless Effects Box is set to SENSOR mode.

The REMOTE has two mode settings:

MANUAL - Activates when button is pushed (figure 1).

SENSOR - Activates by motion or changes in light (figure 2).

Will activate up to 25 ft. away, even through walls!

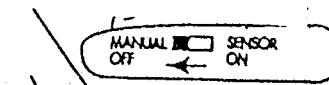
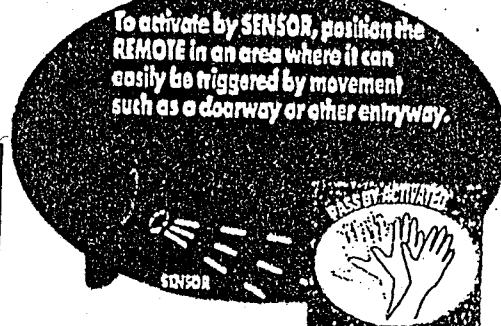
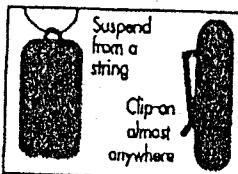


Figure 1

Press button to activate in **MANUAL MODE**

Figure 2

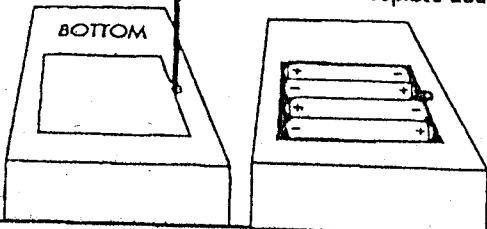
To activate by **SENSOR**, position the REMOTE in an area where it can easily be triggered by movement such as a doorway or other entryway.



REPLACING BATTERIES

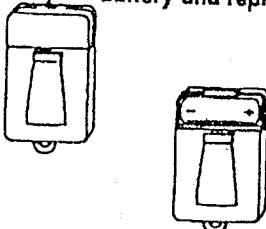
Open battery compartment using a small screwdriver.

Insert 4 fresh AA size batteries and replace door.



Open battery compartment using a small screwdriver.

Insert a fresh 12-volt battery and replace door.



DESIGNED FOR INDOOR & OUTDOOR USE

This product has been developed for Indoor/outdoor use. If using out of doors, locate in a dry covered location.

INCLUDED BATTERIES ARE FOR SHELF SALES DEMONSTRATION PURPOSES ONLY. IF DURING "TRY ME" UNIT IS WEAK OR DOES NOT OPERATE, THIS ITEM IS NOT DEFECTIVE. INSERT FRESH BATTERIES AND USE. MANUFACTURER MAKES NO GUARANTEE AS TO DEMONSTRATION BATTERY LIFE.

CAUTION: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Do not use rechargeable batteries. DO NOT DISPOSE OF BATTERIES IN FIRE, BATTERIES MAY EXPLODE OR LEAK.

Requires 4 AA and 1 12-volt batteries - Included



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Thunder Lighting Machine

Working Instruction

1.0 Transmitter

1.1 Electrical characteristics

- 1.1.1 Operating voltage: DC12V (L1028 x 1 pc)
- 1.1.2 Operation current: $\leq 12\text{mA}$
- 1.1.3 Standby current: $\leq 12\text{ }\mu\text{A}$
- 1.1.4 Center frequency: 300MHz
- 1.1.5 Sound level output: 100dB @ 12" distance
- 1.1.6 Controllable distance: >25ft.

1.2 Function

1.2.1 Manual mode

While the "ON/OFF" switch is placed on the "OFF" position, the transmitter is set as a manual mode. The LED will be light if the switch is pressed. At the same time, it also sends a short controllable signal to the thunder box.

1.2.2 Light-sensing mode

While the "ON/OFF" switch is placed on the "ON" position, the transmitter is set as a light-sensing mode. If the sensor detect the changeable of dark and light, the controllable signal will be activated and the LED flash once.

1.2.3 Delay line

After a controllable signal sent out, the transmitter will disable the input pin for 6 seconds. It cannot be activated another signal in this time even the switch pressed or the light sensing triggered. The next controllable signal will be available after the 6 seconds passed.

2.0 Receiver

2.1 Electrical characteristics

- 2.1.1 Operating voltage: DC6V (UM3 x 4 pcs)
- 2.1.2 Operation current: $\leq 1\text{A}$
- 2.1.3 Standby current: $\leq 30\text{ }\mu\text{A}$
- 2.1.4 Sound level output: 80~100dB @ 12" distance
- 2.1.5 Controllable distance: >25ft.

02.07.0743E

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation



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ISO9002:1994
4309/2000/4514



2.2 Function

2.2.1 "Try me" mode

While the "ON/OFF/SENSOR" switch (Lower switch) is placed on the "OFF" position, the thunder box is set as a power off mode. The "Try me" is only available in this mode and it does not consider the position of "LIGHTNING ONLY/THUNDER ONLY/LIGHTNING & THUNDER" switch (Top switch). When the red switch on the front panel is pressed, a pair of flash light and the thunder sound will be continuous working around 30 seconds. The "Try me" function will be stopped with the user press the red switch again.

2.2.2 Continuous mode

If the Lower switch is set to the "ON" position, the continuous mode will be set. The thunder sound or lightning will be output. The output is depended on the Top switch setting. The thunder box will not stop until the Lower switch is pushed to other position ("OFF" or "SENSOR").

2.2.3 Sensor mode

If the Lower switch is set to the "SENSOR" position, the sensor mode will be set. The RF transmitter activates the sound and light output and they are stopped after 30 seconds. Also, the output is depended on the Top switch setting.

2.2.4 LIGHTNING ONLY/THUNDER ONLY/LIGHTNING & THUNDER switch (Top switch)

While this switch is set on the "LIGHTNING ONLY" position, the thunder box has a pair of flash lightning only.

While this switch is set on the "THUNDER ONLY" position, the thunder box only has a thunder sound output.

While this switch is set on the "LIGHTNING & THUNDER" position, the thunder box will output the thunder sound and flashing light simultaneously.

FCC NOTE:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.