

# Z88 EPROM Eraser Instructions

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The EPROM eraser wipes out *all* the data stored in the EPROM by exposing the integrated circuit through the round hole in the card to ultra violet light.

## To erase an EPROM

- 1 Connect the eraser to the domestic mains supply. The plug should be fitted with either a 1 Amp or 3 Amp fuse.
- 2 Fully insert the EPROM card into the slot on the front of the eraser, with the round hole uppermost. The card is correctly inserted if the white label on the end of the card is visible and the printing "32K EPROM" or "128K EPROM" is upside down!
- 3 The action of inserting the card switches the eraser on. The small yellow indicator light on the top of the eraser should light and the 20-minute timer inside the eraser will start. The EPROM will now be exposed to ultra violet light for 20 minutes approximately after which the ultra violet light switches off and the yellow light goes out.
- 4 After the yellow light goes out, you can remove the card from the eraser whenever you like. **DO NOT REMOVE THE EPROM BEFORE THE YELLOW LIGHT IS OUT.** The EPROM card should now be ready for re-use. It should be completely blank. Removing the card resets the 20-minute timer. So to erase another card, simply insert it – it will be exposed for approximately 20 minutes and the yellow indicator will light to show you that the eraser is erasing. When the yellow light goes out, the EPROM should be erased.

## Notes

The ultra violet light source decreases in efficiency with use and eventually a single 20-minute exposure may not completely erase all the data in the EPROM. It is permissible to give an EPROM more than one erasure just to be absolutely sure that it is thoroughly erased.

There is no means of erasing selected individual parts of data from the EPROM. When the EPROM is exposed to the UV source all data is affected in the same way.

## Warnings

DO NOT DISASSEMBLE

REMOVE FROM MAINS SUPPLY WHEN NOT IN USE.

DO NOT ATTEMPT TO LOOK AT THE INTERNAL LIGHT SOURCE WITHOUT PROTECTIVE GLASSES.

No user serviceable parts inside, please return unit for servicing.

Never touch the ultra violet light source with your finger, it gets hot in use and may burn you; also it is made of quartz and will cloud over.

Your EPROM eraser produces an intense ultra violet light which can only be activated by inserting a Z88 memory card into the eraser; this safety feature prevents any significant escape of ultra violet light. If the ultra violet light or the yellow indicator illuminate when no card is inserted, then the unit must be returned as faulty.

Never leave your EPROM cards about where sunlight can shine through the round hole onto the chip. Significant exposure to strong direct sunlight of more than 10 minutes may start to erase your EPROM.

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