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**Programming Systems B.V.:**

Telephone: + 31- 40 - 248 26 35

Fax: + 31- 40 - 248 02 95

WebSite: [www.artbv.nl](http://www.artbv.nl)

E-mail: [support@artbv.nl](mailto:support@artbv.nl)

PS990823-UV1-E



*Programming Systems*

# Eprom Eraser UV-1

## User Manual

## Dear User

Thank you for buying the ART UV-1 Eprom Eraser. This product is designed to erase programmable IC's such as EPROM's and micro-controllers, which can be erased, when exposed to high intensity UV light.

## Getting Started

To power up the UV-1, connect a 9 Volt 500 mA DC adapter to the power connector on the side. Use a 2.1 mm plug with the positive pole outside (+⊖-). Do not use adapters with other plug types, polarity or voltages, your equipment may be damaged.

## Operation

1. Before using the ART UV Eraser, be sure you have read this manual completely. Follow the safety issues.
2. To power the UV-1, plug in a DC adapter. The red power indicator will light up.
3. Open the drawer and put in the UV erasable IC(s). The window(s) must be placed face upwards.
4. Turn the timer to set the erasure time. The datasheet of the IC specifies the required erasure time.
5. Close the drawer. The ART UV-1 will start erasing. You can check if the UV tube operates by looking through the green window. Do not look directly into the UV tube.
6. The UV tube turns off automatically when the erasure time has past, the drawer is opened, or when the power adapter is disconnected.

It is possible to erase up to 12 24-pin 0.6" EPROM's at one time. The complete drawer area may be filled. When you want to erase a second batch, repeat the above from step 3 onwards.

When you have finished operations with the ART UV-1 eraser, turn off the UV-1 by removing the DC adapter plug.

## Safety Issues

- Do not look directly into the UV tube while the ART UV-1 Eraser is turned on. High intensity UV light can cause serious damage to eyes and skin.
- Always place the ART UV-1 Eraser on a safe and shockproof place, to prevent the UV-1 from falling on the ground accidentally.
- Keep children away from this device, it is not a toy.
- Use the UV-1 in dry places only.
- Leave changing the UV tube to qualified people only.

## Specifications

Capacity:	12 devices (24 pins, 0.6"), 9 devices (28 pins), 9 devices (40 pins)
Erasure time:	Pre-settable up to 60 minutes (mechanical timer)
UV source wavelengths:	2537 Å
UV intensity:	5000 $\mu\text{W} / \text{cm}^2$
UV tube type:	GL-4, 1 Piece
Tube life:	Approximately 3000h
Dimensions:	240 × 85 × 95 mm (L W H)
Weight:	1.2 kg
Power:	DC 9V / 500mA (2.1 mm plug, positive outside)
Starter type:	Electronic start circuitry (no starter required)

## How To Get More Information

The WebSite (<http://www.artbv.nl>) contains a wide variety of information, links, software and tools that are useful to every user. Also you will find information on the complete product line of Programming Systems.

When you have questions or problems, you can always e-mail Programming Systems at: [support@artbv.nl](mailto:support@artbv.nl)

We hope you enjoy working with the ART UV-1 Eprom Eraser.