

PDP Saver User's Manual



Introduction

The Plasma Screen Saver is designed to slowly move the steady PC images which, if displayed for long times on Plasma Displays, could burn the panel's phosphors. The device is able to shift horizontally and vertically the image with fine and slow steps which means that the viewer is not able to recognize the movement of the image.

Usage

The front panel of the PDP Saver (refer to picture 1) contains the VGA input and output connectors along with a dip switch which can be used to set the operating modes.

In the back panel is present a legend which resumes the dip switch functions with the diagram shown in picture 2

As you may see the dip switch is split in three sections: Speed, Size and shape.

The shape section allows to choose the path along which the image is moved during operation; the paths are represented in picture 3.

Different shapes allow the user to set the shift path according to the type of the image shown, thus reducing at its maximum the burning effect.

To fit all the applications it is possible to trim the size of the shifting in four steps using the dip switches 5 and 6. This setting is very useful in the case the image has important content in the borders, so that a large amount of shift would hide parts of the borders.

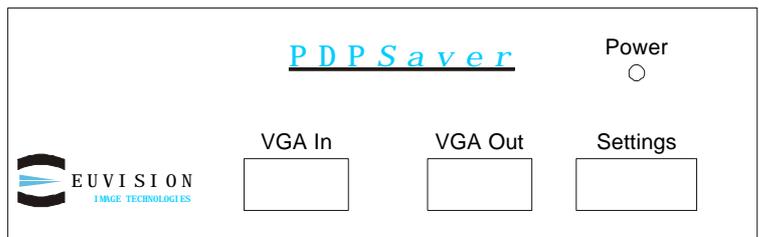
The speed section allows 16 different settings to accommodate all the applications; note that a fast speed is useful when high brightness pictures are shown, but cause the viewer to notice the movement, while slower speeds are almost invisible to the user but reduce the screen saver effectiveness.

Please note that when changing speed **the device stops the shifting for a while before beginning the shift with the new speed**; this is a normal behaviour.

Note: it is very important to use 75 ohm Vga cables; using poor cables will produce improper behaviour.

Technical specifications

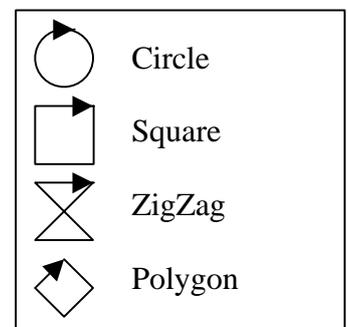
Mains voltage: 80-260 VAC
 Power Consumption: 1.5W max
 VGA input frequency: 70 KHz Max - XGA (Horizontal sync)
 Dimensions: 47x147x80 mm (HxWxL)
 Weight: Kg 0.480
 Operating temperature: 50° Celsius Max
 Service: +39.06.6623564



Picture 1

Dip Switch Functions					
1 2 3 4 5 6 7 8					
1234	Speed	56	Size	78	Shape
0000	Minimum	00	Tiny	00	Circle
...		10	Small	10	Square
0001	Medium	01	Medium	01	ZigZag
...		11	Big	11	Polygon
1111	Maximum				

Picture 2



Picture 3