

SIRDSAVE.SCR

SIRDSAVE initially started as a Single Image Random Dot Stereogram generator that converted the Desktop or a selected bitmap to a stereogram image. I have since added patterned backgrounds that may be used instead of the Random Dots. Thus, SIRDSAVE as a name is an anachronism since this is not just a SIRDS generator (Single Image PATTERN Stereogram?).

Under setup you will find:

OPTIONS:

Under options you may select **Use Desktop** which will make a stereogram of the desktop as it appears at the time the ScreenSaver kicks in. Selecting **Use Bitmap** will cause a selected bitmap to be copied over the Desktop, then converted to a stereogram. If the bitmap is smaller than the Desktop and **Magnify** is not selected (see below), the bitmap will be written to the center of the Desktop. Selecting **Use Either** will randomly choose between making a stereogram of the Desktop or bitmap.

SIRDSAVE will not read compressed Bitmaps.

Note: If no bitmap has been selected, only the **Use Desktop** button will be active.

DISPLAY:

Two options are present-

Reverse 3d: Typically stereogram generators map black as the background and brighter objects more in the foreground. Unfortunately, for Black & White images the background tends to be white with the image black. This does look funny when your Tyrannosaurus looks like a hole in the screen rather than jumping out at you. Setting this button will bring dark images to the foreground and plot white as the background.

Magnify BitMap: Checking this button will stretch the selected bitmap to full screen.

BACKGROUND:

I have found that more complex images (such as the Desktop) look best when plotted using Random Dots. Simpler images (such as the Tyrannosaurus supplied as TYRAN.BMP) project well and are easier to see using the patterned plotting. Using the pattern also creates a more interesting monitor screen for those who can't see the stereogram. Different stereogram algorithms are used depending on which background is selected. The random dot algorithm generates a truer image. The Pattern algorithm was modified to try to preserve the background pattern on the screen with as little distortion as possible. This algorithm introduces some aliasing or "ghosting." If a bitmap image is too "ghost" appearing, try using the **Random** rather than **Pattern** background.

The choices **Random** and **Pattern** will use whichever is selected whether or not **Use Desktop** or **Use Bitmap** is selected. Selecting **Default** will cause the Desktop stereogram to be generated with Random Dots and the Bitmap stereogram to be generated with a background pattern.

PASSWORD PROTECT:

Checking this button will bring up the standard password dialogs to password protect the screen.

SELECT BITMAP:

Pushing this button will bring up a FileOpen dialog to choose a bitmap.

CANCEL, OK:

'Nuff said.

fREBeware

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