



# Settings Report Script Notes

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## Introduction

These notes are to accompany the dScope script "Settings Report.dss" – an automation script to generate an HTML report documenting a snapshot of the dScope settings and readings at a moment in time.

## Overview

The dScope Series III can save configurations which can be re-called for later use. However, there are occasions when it may be useful to be able to have written documentation of the settings and readings from a particular set-up. This script attempts this by retrieving the majority of the configurable settings of the dScope using the Active-X automation interface and automatically generating an HTML report that can be stored, edited or printed.

## Pre-requisites

The script requires dScope Series III software version 1.20 or later on a computer platform supported by this software (Windows 98, 2000, XP, Vista or 7). It will work with dScope Series IIIA, A+ and E, and will even partially work with no dScope hardware connected.

## Installation

There is no installation as such. This is a single script called "Settings Report.dss" which needs to be copied to the dScope \scripts\automation folder and run from there.

### Un-installing the scripts

There is no un-installer. To remove the script, simply delete the file.



## Running The Script

Once installed, the script is run from the dScope user interface by clicking on “Automation” followed by “Run Script” and navigating to the script “Settings Report.dss”. Alternatively, you can click on the “run script” icon on the dScope toolbar and select the script from the list.

If this is something you need to do regularly, you should consider setting up a button to run the script on the user bar. This is done from the dScope “Utility” menu under “Customize user bar...” See the dScope help file for details.

As the script starts you will be asked to enter any notes you wish to accompany the report – this is only a short line of text by which to identify the report and appears just under the title.

You will then be asked for a file name with which to save the resulting report. The .html extension will be added automatically if it is not included. Spaces will also be replaced with underscore characters (“\_”) to keep the name web compliant.

The script will then go off and do its stuff. If the dScope is not connected to any audio source or is measuring a noisy signal when the script attempts to make a reading, it may take a second or two until it times out if it can't get a stable, settled result. It makes no changes to the dScope settings so whatever settling details are currently set will be used. The settings it finds will be compiled into tables and saved as an HTML page.

Once the script has completed the page, it will ask you if you want to see the results. If you click “yes” it will attempt to open the page in your default web browser from where you can re-save it or print it etc.

By default, the resulting file will be located in the dScope “Results” folder which is typically C:\Program Files\Prism Sound\dScope Series III\Results.

## Modifying The Script

The script is a Visual Basic Script and can be edited in a text editor. Just open the file “Settings Report.dss”. If your text editor supports syntax highlighting, set it to VBS, VB or Visual Basic.

There are a few options in there that you can change by changing the default value of boolean variables in the “initialisation” section. You can also change the default file names and paths and which parts of the report are saved. It should be fairly obvious how most of it works.