

Dashboard Installation and Setup Instructions

Requirements:

Apache web server.

A recent version of PHP installed and working with Apache.

A copy of Sigma Visual JS libraries. This may be freely downloaded for non-commercial use.

<http://linb.googlecode.com/files/linb.package.zip>

This must be unzipped and placed in the web home directory usually “/var/www” and renamed to “sigmav”.

The web server will also need permission to read the gateway configuration and log files as well as the repeater log files.

Installation:

This document assumes that the web server is running on the same pc as the gateway and any repeater modules. If this is not the case you will need to setup NFS links to allow the server to read the appropriate files.

Unzip the dashboard.zip file to the web home directory, the same one you unzipped the linb.package.zip file to. You should now have a directory called dashboard and one named sigmav in web server's home directory, again usually “/var/www”. Make sure the permissions on these directories and all the sub-directories and files are set to allow the web server to read them.

Configuration:

In the dashboard directory there is a file call “config.php”, open with a text editor and edit as needed. Make sure you change the paths for the log files to match your setup. And again, make sure the web server has read access to these files. Please note that while you may not have multiple modules setup on your gateway you will still need to have separate directories configured for each.

Note:

This is a beta version and at present will only work with the Linux version of Jonathan's pcrepeatercontroller and ircDDBGateway software. Also, this has only been tested with the GMSKRepeater and DstarRepeater modules. Using the configuration and log files is not the most optimum way of gathering information but it will have to do until I can figure out how to get the needed information from the Remote control port. When I can get this working the dashboard should also work with Windows versions.

Be aware that the dashboard software can consume a large amount of CPU time especially if many connections are made to the web server. This can cause problems with the repeater software in the form of disconnects and broken and R2D2 audio. Make sure your PC is powerful enough to handle the work load or move the web server to a different PC and use NFS links to make the log files available.

Rick Schnicker KD0OSS

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