

Display System Documentation

Installation

Downloading the Program

The program is distributed digitally at the following location:

http://static.kolbyscomputers.com/one_click/display_system/publish.htm

Please click install to download the setup file.

Installing the Program

Run the file “setup.exe” to install the program, this will download all the required resources from the server. The program is installed to a hidden directory in appdata, the installation directory cannot be changed. If you must move the files to a different directory, you can either use symlinks or directly move the files contained in the install directory. Please note that both of these options are unsupported and could cause unexpected issues.

Tip: To find the current directory of the program:

1. Launch the program
2. Start task manager
3. Right click on the program in the processes tab
4. Select “Open File Location”

Running the Program

Upon installation, a desktop and start menu shortcut will be created. These shortcuts are dynamic and will be modified by the updater program if the directory changes. To make additional shortcuts, please link to either one of these existing shortcuts to prevent issues when the program updates.

Updating the Program

The program will check for updates every time it is launched, this process should take less than 3 seconds. If an update is available, you will be notified by a popup window asking if you would like to install it or not. Please note that if you decline the update, it will be declined permanently and will need to be downloaded manually or wait until the next update is available.

Configuration

Initial Configuration

The first time you launch the application, the default settings will be applied and should be changed before use. To bring up the options screen press F6.

The following options are available:

General Tab

Resource Directory – The location where the data files will be stored. This should be a directory that is shared, either on the local computer or a server. For network locations please use \\SERVERNAME\SHARENAME\FOLDER.

Date and Time Format – The format that the time and date are displayed in, please see this KB article for more info: <https://msdn.microsoft.com/en-us/library/8kb3ddd4%28v=vs.110%29.aspx>

Display Tab

Colors

Select Background Color – Click to select a color for the background.

Select Foreground Color – Click to select a color for the foreground.

Message Rotator

Use Large Font – This will change the font size of the message rotator at the bottom of the screen, unchecked is 24pt, checked is 36pt. Note that this will clear the messages file.

Media Settings

Stretch Image – Will enable stretching of images that are a different aspect ratio than the image display box.

Panel Tab

Panel Format – Selection for either “text” or “image” panel mode. Text mode will require text to be input below for each day of the week, Image mode will require an image path to be specified below.

Panel Image Path – The location of the panel image when “image” mode is selected. Click the button to the right to browse for the file or type the location into the text box.

All day of the week fields in this tab accept \n as a newline character. You can click the button to the right of the text field to enter multiline edit mode.

Manual Panel Override – Enter text here to be displayed in the panel, this text will override any other text specified in the configuration. To remove the override please remove all text from this field. This field accepts \n as a newline character. You can click the button to the right of the text field to enter multiline edit mode.

Timers Tab

Tick Delay – Controls the delay of the main tick, this timer controls the clock, and alert response.

Refresh Delay – Controls the delay of the refresh timer, this timer reloads the configuration, rescans the directories, and resets all counters to 0. To avoid unnecessary network communication please keep this to 5 minutes (300000) or higher.

Picture and Video Delay – Controls the delay of the media timer, this timer loads the next picture or video into the program.

Message Delay – Controls the delay of the message timer, this timer displays the next message in the message list.

Networking Tab

Enable Networking – If this box is unchecked all networking features will be disabled. If checked, you will be able to configure network options below.

Server Connection

IP/Hostname – The network address of the computer running the server software.

Port – The port the server software is configured to listen on.

Server Status – This box displays the current status of the link between this computer and the server.

Test Connection – Use this button to test the connection to the server.

Connect – This button will become available after the connection test has succeeded. This button will link this computer to the server, and always remain connected.

Client Connection

Enable Client Connection – This will enable users running the tray app to connect to this computer to configure the software options.

PSK – Pre Shared Key to be given to the tray app software that connects to this computer.

Adding Pictures or Videos

To add pictures or videos to the system, copy them to the correct directories in the resource directory.

Supported extensions for pictures: .jpg, .jpeg, .gif, .png

Supported extensions for videos: .wmv, .avi, .mp4

Adding Messages (Announcements)

To add messages, edit the messages.txt file located in the resource directory. Each message should start on a new line.

Alert Message

The system can trigger a full screen alert for various purposes such as drills, service messages, etc. The alert file must be called "alert" (no file extension) and must be located in the root of the resource directory. The format for the alert file is as follows:

First line: Background Color – for a supported list of colors please see:

<http://www.dotnetperls.com/color>

Second Line: Foreground Color – please see the above link for a supported list of colors.

Third Line: Alert Message – Enter the message you would like displayed on the screen, \n is supported as a newline character.

Forth Line: Center Text – Enter a Boolean value for the center text option ("true" or "false")