Display Systems International, Inc. ©

Low-Cost High-Performance Character Generators

- **ELITEGOLD**
- **ELITE2000**
- **TextPro Sr.**
- **TEBBS**

Character Generator Quick Start Manual

Table of Contents

Limited Warranty

Warranty Procedure

In order to obtain warranty service, you must obtain a RETURN MERCHANDISE AUTHORIZATION (RMA) number from Display Systems International, Inc. either by calling or by writing to DSI at the location specified below. When obtaining such a number, DSI will provide you with the service center nearest to you. Return the DSI product to that service center with your name, address, telephone number and a description of the problem and proof of date of purchase (such as a bill of sale), transportation charges pre-paid. No equipment will be accepted unless it has an (RMA) number quoted on the outside of the package.

Display Systems International, Inc.
2214 Hanselman Ave
Saskatoon, Saskatchewan   S7L 6A4
Phone:(306) 934-6884
Fax:(306) 934-6447
support@displaysystemsintl.com

Dongle Key

All of Display Systems International, Inc.'s software is enabled with a Dongle key as illustrated below. This is a physical device that attaches to the parallel port or USB port on your computer.

The Dongle keys are programmable Security & Software Activation Devices that are customized for each software package sold. Each key comes with a serial number issued by DSI. All of the relevant hardware specifications for the system are recorded using the serial number as a reference.

❖❖**Without installing and enabling the Dongle, the DSI software will run in demo mode.**❖❖

DO NOT LOSE THE KEY!

Full replacement value of the original software will be required to replace this Dongle resulting from misplacement or malfunction due to tampering.

Older Parallel Port Key

Serial #: 003593

Newer USB Key

Serial #: 004016

Welcome:
to the DSI© Character Generator Quick Start Manual

Congratulations in purchasing the DSI Character Generator (CG), one of the most popular character generators on the market today.

This manual is designed to get you up and running in short order. The step-by-step instructions in this manual do not cover all the details and functions of the software, but rather gives the basics for getting started. For more detailed instructions on each function see and/or print the Help Guides with-in the software or send coupon enclosed to us for a copy of the manual.

To keep the Quick Start Manual short and to the point we have integrated all the DSI CGs in this manual. All the DSI CGs stem from one platform, each advanced system containing all the features of the lower-end software.

This manual does not cover optional items/functions that may be supported by the system/software. Optional items and functions include but are not limited to: VCR control, Weather Stations, Video-in-a-Window, Time-Synch., Contact Closure, Digital Camera and MPEG Decoding/Encoding.

Hardware Setup

When unpacking the system, save the boxes and packing material in the event the unit has to be returned for repair or replacement. No system will be accepted for repair or replacement unless returned in original packaging or equivalent. To return anything to DSI you must first get an RMA# from DSI and write that # on each box to be returned

Connecting Hardware:

● Connect the Keyboard and Mouse to the appropriate slots on the system (usually indicated by a picture of a keyboard/mouse and/or color coded).

● TEBBS & TextPro Sr. Systems will have an internal digital convertor where you can connect the NTSC video output to a Modulation system and the DB15 VGA output to a Monitor.

●ELITE2000 & EliteGold Systems will come with an external Digital Convertor (usually a CorrioScan). Unpack and install this convertor (instructions are included with the convertor).

● For information on installing other components such as sound card, scanner, or optional components such as Video-in-a-Window, Digital Camera, Weather station, VCR controller, or other items, please call our technical support staff.

● Connect the Power Supply cord to the back of the system and the other end into a standard power outlet, power bar or a UPS Back-up if supplied.

Installing DSI Software on Your Machine

The DSI software will run on systems that use operating systems such as Windows 95/98/XP/2000. Full systems purchased from DSI will use the Windows XP operating system.

●It is recommended to NOT attach the DSI dongle key before installing the software. (If you purchased a complete system, all software is already installed.) The DSI software installation will initiate the installation of several other software programs, such as: Borland Database Engine, Direct X 9.0, and the new USB key driver for the new DSI USB dongle keys.

●Clicking on the Install DSI Software will initiate the DSI Setup Factory.

●Close all other programs before continuing with the installation.

There are 5 installation options to choose from:

1) **Demo Installation** - Installs all files needed to demo all 4 of the products. It will install 2 different formats of the same graphic (.gbp & .jpg). The TEBBS & TextPro Sr. Can only read the .gbp files while the ELITE2000 & EliteGold can read both.

2) **TEBBS_TextPro Sr. Installation** - Installs only the files that are needed to run the TEBBS & the TextPro Sr. Software.

3) **ELITE2000_ELITEGOLD Installation** - Installs only the files that are needed run the ELITE2000 & the ELITEGOLD Software.

4) **Program Update** - Installs/Overwrites all the necessary files to update any DSI software version previous to the version indicated on the CD you are installing. Does Not delete any previously saved pages or schedules. Does Not install graphics.

5) **Multichannel Installation** - Installs only files that pertain to multichannel systems, such as Multichannel demo schedules.

When communicating between 2 or more software systems, YOU MUST be sure that they are all running the same version number.

❖❖For further assistance call the DSI technical support Staff❖❖

Customer Service & Support

Sales:

To order additional products or upgrades please call your sales representative at 306-934-6884, fax 306-934-6447 or e-mail: sales@displaysystemsintl.com.

Support:

If you have any questions or problems when using any of the DSI products, you can contact our customer support staff at 306-934-6884 or e-mail: support@displaysystemsintl.com. When calling please be near the system in question with the serial number at hand. The serial number can be found by pressing [**Alt-I**] from the main menu of the DSI program or by looking at the dongle key plugged into the parallel port or USB port located on the back of the system.

Main Menu Overview

The following is a quick overview of the main menu. If you have entered the software and are viewing the sample pages simply hit the [**ESC**] key.

The Main Menu consists of 6 sections of buttons, all with different areas of function. At the top of the Main Menu there is an "**Icon**" button (same as minimize button in most programs) and the "**Quit**" button (same as close button in most programs). The title of the program (TEBBS, TexPro Sr, ELITE2000 or ELITEGOLD) which you are running will be displayed next to the Icon button.

Section Functions:

1) Scheduling (Yellow) - Used for Scheduling and Displaying Pages.

2) Text Pages (Green) - Used for creating Pages and Horizontal Crawl Lines as well as for access to the online manual (View Guides).

3) Multi-Media (Blue) - Used for Sound Capture and for VCR & Weather Station Testing.

4) Paint & Animation (Orange) - Used for Graphic Paint programs, also a good place to define (or program) a button to activate an external program of your choice. eg. a graphic program that you are familiar with.

*Press and hold the [**Ctrl**] + Left Mouse Click on the button you wish to program.

5) Utilities (Red) - Used for Miscellaneous functions such as Time Set, Software Configuration, Windows Explorer for File Organization, Etc...

6) Remote Communications (Purple) - Used for defining communication protocols and to communicate from one system to another using various methods.

We will not go into detail in all the areas of the software, however lets now take a closer look at some of the main areas.

View Guides

For more detail on all of the subjects mentioned in this manual and much more, click on **View Guides** located in the **Main Menu**. This will open up and give access to the whole manual in .PDF format.

If you would like to purchase the full hard copy manual you may do so by calling your sales representative.

Text Editor Overview

The Text Editor offers an easy-to-use interface with powerful tools to help you quickly & easily create pages for your presentation. The Text Editor is only found in the Creation and Limited Versions of the products but not in the Display Only System.

In the Text Editor you will notice that there are 3 main areas of operation:
i) **The Editor Commands Toolbar** - located at the top of the screen.

This Toolbar gives access to different functions of the Text Editor, many of these functions can also be accessed using key-board shortcuts (see key-board shortcuts section of the online manual)

ii) **The Active Work Area** - Center of the Screen.

This is where the pages are created, where you will see the graphic backgrounds, blended backgrounds, text placement & many others.

iii) **The Font Settings Toolbar** - Bottom of the screen.

This area allows you to set different font attributes to a word, line or whole page.

Editor Commands Toolbar

Active Work Area

Font Settings Toolbar

(7)

Creating Text Pages(Creation & Limited Versions only)

Go into the Text Editor by clicking on the Text Editor button from within the Main Menu. You will clearly see the 3 main areas of the screen mentioned in the Text Editor Overview.

Toolbars:

●The Editor Commands Toolbar (top) & the Font Settings Toolbar (bottom) can be **Toggled On/Off** by using the [**F2**] & [**F3**] keys respectively.

●The Toolbars can also be **Repositioned** on the screen by grabbing the top of the Toolbar (left mouse click) then move the mouse to place in desired location. (This option only works if the Auto-Hide Editors is selected.)

●The Toolbars can be set to **Auto-Hide**. For this you must exit the Text Editor to the Main Menu. Click on the Configuration Button, General Tab, then check the box next to Auto-Hide Editors.

Blank Page:

The first time that you go into the Text Editor the active work area will be grey denoting that there is presently no active page to work on.

●Click on the **New Page** button located in the Editor Commands Toolbar.

●The Active work area will now have a blank page to work on.

●You can click on the New Page button more than once to have multiple pages open at the same time.

●If you go into the Text Editor and the last page that you created/saved is displayed, this is because the "**Reload Last Page in Editors**" is enabled in the Configuration Settings. To disable this feature, uncheck this box.

●Simply close this page by clicking on the ⊠ in the top-right hand corner of the page then click on the New Page button or you can double click the **Zap** button located in the Font Settings Toolbar. This will close and create a blank page all in one step.

Basic Page Creation:

This section will deal with creating *Rectangles(Blended Backgrounds)*, *Inserting Graphics, Inserting Text* and other steps used to enhance your pages. Most pages start with a colored background or image and so this is where we will begin as well.

Create Rectangle/Blended Background

●Place the cursor on the screen by clicking once in the Active Work Area, now click and drag the mouse from one corner of the rectangle to the opposite corner and release. A blank rectangle with a grey border will appear.

*Don't worry if it isn't the correct size, the size can be modified.

●Use the **Blend** button as a quick and easy way to create a full page **Blended Background**. **(8)**

Now that the rectangle is in place you can do many things with it.

Edit Rectangle/Blended Background

●Right-Click on the rectangle to bring up the **Drop-Down Menu**. There you will see the following list of things that can be done:

❖*Background Color* - To fill the rectangle with a solid color.

❖*Quilted Background* - One or more rectangles can be quilted to give a checkered pattern (can also be done in conjunction with graphics).

❖*Outline in black* - Adds a thin black outline to the rectangle. Usually done for contrast purposes (this will outline a Frame as well).

❖*Inside Text* - Placing text inside a rectangle gives the user a more of a word processor feel. Some features are Word Wrap and Text Alignment along with all the font coloring and sizing features that you would be able to do without using inside text.

❖*Frame* - A rectangle's frame defaults to a size 5, Simple, Grey Frame. This can be changed or removed from the rectangle.

❖*Move/Size* - Here you can adjust the size of your rectangle or merely expand to Full-Screen. To adjust simply click on Move/Size and 9 handlebars will appear. Click and drag the handlebars to the desired size and position. To maintain proportion hold the [**Shift**] key down while dragging then press the [**Enter**] key to save size/position changes.

❖*Effect* - There is a large list of effects (24) that can be done with rectangles. This is where you would set your Blended Background. Many of these effects work well when placed over graphics.

❖*Cut/Copy/Paste/Delete* - Cut and Copied material is placed onto the computer's clipboard and can then be pasted to a different area or page.

❖*Layer* - Place overlapping Rectangles and Graphics in the proper Layer so they appear in the order that you intend them to appear.

Graphic Insertion

Graphics can be placed on your page for function or to enhance the appearance.

Note - All systems come with a library of proprietary graphics that can be used on all systems, however only the ELITE2000 and the ELITEGOLD can import or display graphics such as .jpeg, .gif, .pcx, .bmp etc...

●Click on the **Image** button located in the Editor Commands Toolbar.

●A browser window will appear, search and select the desired graphic.

Graphic Options

●Right-click on the graphic to bring up the **Drop-Down Menu**. There you will see an assorted list of things that can be done.

These features are the same as for Rectangles, see the previous section in Edit Rectangle/Blended Background relating to the Drop-Down features.

Text Insertion

There is a large amount of information regarding Text Insertion and Text Editing. For more details click on the View Guides button located on the Main Menu of the DSI software.

●To insert text on a page first place your cursor where you would like the text to begin by Left-Clicking anywhere in the Active Work Area.

●Begin to write your text line by line.

●You can go into most word processor programs such as Microsoft Word, Word Perfect, WordPad or Notepad, copy text and paste into a Text Editor page.

Note - text may not have the same appearance in the Text Editor as it does in the source document.

Editing Text Appearance

Be sure that the text that you are intending to edit has the cursor placed on it. The text can be edited in basically 3 ways.

1) The Font Setting Toolbar located at the bottom of the screen is the predominant method of editing the text.

This Toolbar contains text editing features such as:

❖Italic, ❖Bold, ❖Underline, ❖Strikeout, ❖Outline, ❖Color, ❖Blink, ❖Background Color, ❖Shadow, ❖Alignment, ❖Text Size

2) The Font button located in the Editor Commands Toolbar will bring up the Font Properties window.

This window contains text editing features such as:

❖Select Font, ❖Font Style, ❖Font Size, ❖Font Color, ❖Sample Window

3) You can also Right-Click on the text to reveal the Drop-Down menu where you can see the following list of options:

❖Background Color - Inserts a background color on the text only. Most often used to make the text more visable.

❖Properties - Bringing up the Font properties widow is the easiest way to make multiple text changes at a time. Described Above

❖*Text Effect* - Choose from either 3D or Blend Effect. 3D adds a 3 Dimensional appearance to the text while Blend allows you to have the text color blend from one to another.

❖*Cut/Copy/Paste/Delete* - Cut and Copied material is placed onto the computers clipboard and can then be pasted to a different area or page.

Moving Text

Text on a page can be repositioned after it is initially placed.

●Left-click on the line of text and drag it the to desired position.

●Align the text (Left, Center, or Right) by placing the cursor on the line of text, then clicking on the Alignment buttons located in the Fonts Settings Toolbar.

Horizontal Crawl Overview

The Horizontal Crawl Editor allows you to create crawls that can be placed anywhere on the screen. This Editor is nearly identical to the Text Editor with the exception of a few missing buttons that generally deal with graphics. Adjusting the text in the Horizontal Crawl Editor is done in the same fashion as it is done in the Text Editor.

The Horizontal Crawl Editor has 3 main areas just as the Text Editor does.

i) **The Editor Commands Toolbar** - located at the top of the screen.

This Toolbar gives access to the multiple functions of the Text Editor, such as Save, Load, Import Weather buttons etc...

ii) **The Active Work Area** - Center of the Screen.

This is where the Crawls are created

iii) **The Font Settings Toolbar** - Bottom of the screen.

This area allows you to set different font attributes to your crawl.

Editor Commands Toolbar

Active Work Area

Font Settings Toobar

Horizontal Crawl Display Formats:

The crawl traditionally moves horizontally across the screen, but can be set to display as a one-line phrased vertical role. The software determines how many complete words will fit on the screen and then centers them. (Default alignment is center but you can change this when making your crawl.) If you wish to manually insert a line break use the "~" symbol. It will not display but rather tells the software that you want a line break at this point. If you choose to change the crawl to move horizontally, the "~" symbol will still NOT display.

Schedule Pages Overview

Schedule Pages offers an easy-to-use interface with powerful tools to help you to quickly & easily create a scheduled presentation using the pages you created in the Text Editor. Schedule Pages is only found in the Creation and Limited Versions of the products and not found in the Display Only versions.

When you go into the Schedule Pages screen you will notice that it is divided into four main areas.

i) **The Schedule Commands Toolbar** - Located at the top of the screen

This Toolbar gives access to different functions of Schedule Pages, many of these functions can also be accessed using key-board shortcuts (see key-board shortcuts section of the online manual).

ii) **Active Scheduling Area** - Center of the Screen.

This is where the schedule is created, where you put the pages that you created in sequence and set commands to be executed during playback.

iii) **Wipes Insertion Window** - Bottom section of the screen.

Displays the wipes that can be inserted (74) between pages or set up a default wipe to be automatically inserted.

iv) **Page/File Insertion Window** - Bottom section of the screen.

Displays thumbnails of the pages created and other files (eg. graphics) to be inserted into the schedule.

Schedule Commands Toolbar

Active Scheduling Area

Wipes Insertion Window

Page/File Insertion Window
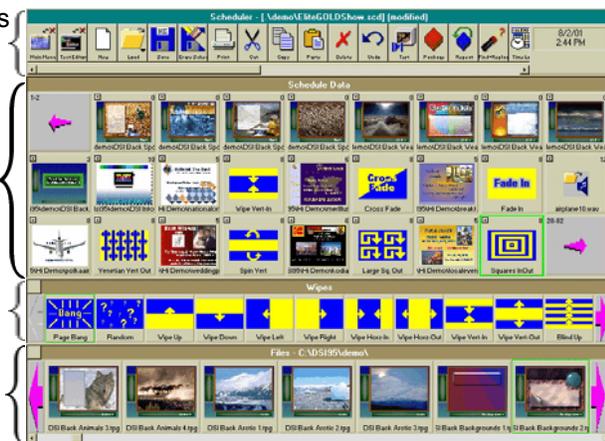
Basic Schedule Creation:

Page Insertion

●To insert a page or a graphic directly into the schedule, start by placing the cursor position in the Active Scheduling Area.

●The cursor is indicated by the green outline or box around an entry field.

●Simply move the mouse over a location where you want the file inserted and left-click once with the mouse. The box will be outlined in green and the cursor position has been established.

●Next, move the mouse down to the **Page/File Insertion Window**. Navigate through the thumbnails by clicking on the left and right pink arrows.

●Once you see the file that you wish to insert, move the mouse over the thumbnail and right-click once.

●The Page/File will be automatically inserted where the cursor was placed.

●Continue to do this till you have all the pages inserted into the schedule that you want.

●If your Page/File to be inserted isn't located in the folder indicated in the **Page/File Insertion Window's** header bar then click on the **File Option** button located to the left of the same header bar.

●A drop-down menu will appear with 7 options. Select **Change Directory**.

●A browser will appear where you can search out the correct folder.

Delete Page from Schedule

●To remove a Page/File from within the schedule simply click on the thumbnail to highlight it in green, then press the [**Delete**] key or click on the **Delete** button in the Schedule Commands Toolbar.

This will **NOT delete the file, only remove it from the Schedule.*

Page Display Time

You will notice a number located in the top right hand corner of a page entry in the schedule. This is the number of seconds the page is allotted to display. To change the time that each page will be displayed use the following steps.

●In the top left hand corner of the page entry there is a box with a + in it.

●Left click on this box and a **File Details Window** will appear.

●In the center of this window you can adjust the page display time.

You can also change the default time so it isn't necessary to modify every page once in place.

●Click on the **File Options** button in the header bar of **Page/File Insertion Window** to bring up the drop-down menu.

●Select **Set Default Time...**, then enter the default time you desire.

Wipe Insertion

Wipes can be inserted in two ways i)Manual insertion, ii)Auto Insertion

-To insert a Wipe Manually, do the following:

●Place the cursor over the entry position where you wish to insert your Wipe.

●Now move your mouse down to the **Wipe Insertion Window** and navigate through the Wipes by left-clicking on the pink arrows marked at either side.

●Once you have found the Wipe you wish to insert, right-click on it to have it placed in your schedule.

-To have a Wipe Automatically inserted into the schedule with every Page/File that is inserted, do the following:

●First you must select a default wipe that will be automatically inserted.

●Move your mouse down to the **Wipe Insertion Window** and navigate through the Wipes by left-clicking on the pink arrows marked at either side.

●Once you have found the wipe to be used left-click on it once.

●Now click on the **Wipes Options** button located on the lefthand side of the Wipe Insertion header bar. It is a little square box with a drop-down arrow in it.

●Left-Click on **Auto Wipe** then **Current**. Auto insertion setup is now completed. To change back simply follow the last step and select **None** instead of Current.

Delete Wipe

●To remove a Wipe from within the schedule simply click on the Wipe to highlight it in green, then press the [**Delete**] key or click on the **Delete** button in the **Schedule Commands Toolbar**.

Wipe Speed

Similar to the number of seconds a page displays, you can also adjust the Wipe speed. The speed is displayed in the top-right hand corner of a wipe entry in the schedule. The speed ranges from 1-16 (1 being the slowest and 16 being the fastest transition speed).

●Click on the **+** located in the top-left hand corner of the wipe entry.

●This will open up the **Wipe Details Window**.

●Adjust the wipe speed to desired speed and close the window.

You can also change the default wipe speed so it isn't necessary to do the above procedure every time.

●Click on the **Wipe Option** button located on the left side of the **Wipe Insertion Window** header bar.

●Select Wipe Default Speed, set to desired speed and close window.

Save Schedule

●Save the Schedule by clicking on the **Save** button located in the **Schedule Commands Toolbar**.

●Type in the Schedule name and click **Save**.

Set Page Start/Expiries

Expiries can be set on any entry except wipes. Example: pages, horizontal crawls, sub-schedules, and animation files, sound files, etc.

●Access the Expiry button by opening the File Details Window as previously explained in the Page Display Time section of this manual.

●When you click on the Expiry button the Expiry Details window will open.

There are 3 sections here that can be set independently of each other: ❖Date Ranges, ❖Time Ranges and ❖Week-Days to display.

1) **Date Ranges** allow you to set what day (and hour of the day) an entry will start and stop displaying.

When a Date Range is set, an asterisk (*) will appear at the top of the thumbnail. When a Date Range has expired, the word Expired will appear at the top of the thumbnail.

●To enable a Date Range settings, check the box next to **Enabled**.

●Then, set the Date and Time Range you want the entry to begin displaying (**From:**) and stop playing(**To:**), **month/day/year hour:minute:seconds AM or PM**.

2) **Time Ranges** allow you to set a time of the day that this page will be displayed. *For example, a page can be displayed on the specified day between the hour of 7:00 PM and 9:00 PM.*

●To enable the Time Range settings, check the box next to **Enabled**.

●Set the Time Range you want the entry to display during the day both **From:** and **To:**, **month/day/year hour:minute:seconds AM** or **PM**.

3) You can even select which days of the week to display this entry within the Date Range in the **Week-Days** section

●Simply check each day of the week that you would like this entry to display. For example, a page can be set to run only during Monday - Friday within the Date Range indicated.

Display Pages

●Once you have a schedule created and saved, you are ready to run the schedule. Exit to the **Main Menu** of the DSI software.

●Click on the **Display Pages** button, click on the Schedule file you wish to run then click on the **Open** button.

●Your schedule is now running. To stop the schedule press the [**ESC**] key.

Configuration Overview

Going into Configuration located in the Utilities section of the Main Menu, you will notice that there are many settings that control how the DSI software will function.

There are 9 Tabs across the top the Configuration Settings Window

i) **General**

The General Tab is used for a wide range of general setting such as set Security Password, set Master Schedule, program Auto System Reboot settings, Enable/Disable Scheduler Access just to name a few.

ii) **Paths**

Change the default directory that the system opens to in order to Save or Load Pages, Schedules, Graphics and other files.

iii) **Interfaces**

Adjust settings that pertain to peripheral devices such as Weather Stations, VCR Controllers, A/V Switchers etc...

iv) **Log**

Record everything that the system does by setting the log controls here.

v) **Communications**

The Communications Tab is used to set up Creation and Remote system Profiles using Modem and Network.

vi) **Connection**

Internet connection setup.

vii) **Internet**

The Internet Tab deals with the download of Internet Weather Maps and Other Internet Files as well as setting up e-mail Scheduling.

viii) **FTP**

Adjust your settings for use with Internet Communications.

ix) **Other**

Miscellaneous information that doesn't fit under any other heading.

Setting the Master Schedule

It is a good idea to have a master schedule configured in the event you need to reboot the system or you have a power failure. This way when the system boots up (provided the DSI software is set as one of the Startup items) it will go directly into displaying the schedule set as the Master Schedule.

●Go into Configuration from the Main Menu.

●Click on the **Browse** button in the Master Schedule section

●Locate the schedule that you would like to set as Master Schedule and Click on OK.