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I. Introduction

A. Preface

Congratulations on owning a ViewPlus EmBraille Embosser, the world's only lightweight and compact desktop embosser. This manual will introduce you to basic information regarding your new equipment. The ViewPlus web site is another resource for information on your EmBraille Embosser including examples, tutorials and other useful downloads.

Your EmBraille is Powered by Tiger. This means you receive:

**Windows Printer Driver:** Connects ViewPlus printers and embossers to the power of Windows, embossing and networking just like a mainstream printer.

**Tiger Software Suite:** Powerful addition to Windows adds braille and tactile graphic functionality to MS Office.

ViewPlus embossers use the standard Windows printer driver to mix text and graphics in mainstream Windows software like Word and Excel. Use the computer to adjust settings and preferences. Print documents exactly how they appear on the screen.

Use the Tiger Software Suite to take braille translation and tactile graphics to a new level. The Tiger Formatter is a Microsoft add-in that gives you advanced tools for translation and embossing. Tiger Designer enables basic editing of documents for quick drawing and braille needs. Translator serves as a basic translation tool for almost any Windows software- including PowerPoint and Corel Draw.

Keep up to date by checking the ViewPlus Technologies, Inc. webpage at: http://www.ViewPlus.com

VP EmBraille Model Number:
VPTT1702-00, or VPTT1702-01
USER MANUAL
B. FCC Compliance Statement

FCC Compliance Statement (USA)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note the following:

- The use of a non-shielded interface cable with the referenced device is prohibited.
- The length of the power cord must be 3 meters (10 feet) or less.

This unit is also intended for connection to IT distribution systems.

Compliance Statement (Canada)
This digital apparatus is in conformity with standard NMB-003 of Canada.
Cet appareil numérique est conforme à la norme NMB-003 du Canada.

Compliance Statement (Germany)
Bescheinigung des Herstellers/Importeurs:
Compliance Statement (Europe)
Warning: This product meets the interference requirements of EN55022. In a domestic environment, this product may cause radio interference in which case, the user may be required to take adequate measures.

Compliance Statement (Korea)
This apparatus complies with CISPR22 requirements.

International Compliance

<table>
<thead>
<tr>
<th>Standard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN61000-3-3:2008</td>
<td>Power line flicker</td>
</tr>
<tr>
<td>EN61000-4-2:2008</td>
<td>Electrostatic discharge</td>
</tr>
<tr>
<td>EN61000-4-3:2010</td>
<td>Radiated susceptibility</td>
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<tr>
<td>EN61000-4-5:2005</td>
<td>Surge</td>
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<tr>
<td>EN61000-4-6:2008</td>
<td>Conducted immunity</td>
</tr>
<tr>
<td>EN61000-4-8:2009</td>
<td>Magnetic Field Immunity</td>
</tr>
<tr>
<td>EN61000-4-11:2004</td>
<td>Input voltage interruptions/DIPS</td>
</tr>
</tbody>
</table>

CE MDD
Authorized European Representative
ViewPlus GmbH
Kolpingweg 15
49492 Westerkappeln
Germany
+49 (0)5404-959 6414
e-mail: sales@viewplus.com

Waste Electrical and Electronic Equipment (WEEE) Compliance
ViewPlus GmbH complies with EU Directive 2002/96 regarding WEEE recycling; upon the conclusion of the product lifecycle, please contact ViewPlus GmbH concerning proper disposal.
C. Safety Instructions

Read all of these safety instructions before using the EmBraille Desktop Embosser. In addition, follow all warnings and instructions marked on the EmBraille itself.

Keep this Operator’s Manual in a place which is easily accessible at all times.

- Ensure that there is adequate ventilation around the unit.
- Do not place unit near a radiator or heat source.
- Keep unit out of direct sunlight.
- Make sure that the embosser and computer are switched off before connecting the data cable.
- The print head will become very hot during printing; avoid contact with the print head after printing has finished.
- Do not block or cover slots and openings in the unit's case; do not insert objects through slots.
- Use only the type of power source indicated on the unit's labels.
- Connect all equipment to properly grounded electrical outlets.
- Do not use frayed or damaged power cords. After connecting power cords, ensure that they are not twisted, knotted or pinched before using the unit.
- Do not use an extension cord with the unit.
- If using a surge protector, ensure that the total current rating of all connected equipment does not exceed the maximum rating of the surge protector or wall outlet.
- Unplug the unit before cleaning it; always clean it with a piece of damp cloth only.
- Do not spill liquid into the unit.
- Detach the unit from power source and refer to qualified service personnel under the following conditions:
  - If the power cord or plug is damaged.
  - If liquid has entered the unit.
  - If the unit has been dropped or tipped over or if the case is damaged.
  - If the unit does not operate properly or exhibits a distinct change in performance.
  - If the unit becomes extremely hot, or if smoke, unusual smells or abnormal noises are emitted from the printer.
- Except as specifically explained in the user's manual, do not attempt to service the unit.
- Only adjust those controls that are covered in the user's manual.
- Keep hair, jewelry and clothing clear of moving parts in the printer and embosser.
- When clearing paper jams or performing routine cleaning of parts as directed in this manual, use caution to prevent touching the printer's fuser unit or the embosser's motors, as these parts can be hot and contact may cause injury.
II. General Information

A. Specifications

<table>
<thead>
<tr>
<th>specifications</th>
<th>VP EmBraille</th>
</tr>
</thead>
<tbody>
<tr>
<td>print speed</td>
<td>Up to 25 CPS</td>
</tr>
<tr>
<td>printing mode</td>
<td>Single sided</td>
</tr>
<tr>
<td>tactile resolution</td>
<td>17 DPI</td>
</tr>
<tr>
<td>tactile graphics dot heights</td>
<td>Variable for color representation</td>
</tr>
<tr>
<td>braille dot heights</td>
<td>Adjustable in 3 heights</td>
</tr>
<tr>
<td>paper width</td>
<td>3 – 8.5 inch (77 – 216 mm), Form size letter, or A4</td>
</tr>
<tr>
<td>paper</td>
<td>Continuous, Single Sheet Feeder</td>
</tr>
<tr>
<td>paper weight</td>
<td>30 – 108 lb (50 – 175 gsm)</td>
</tr>
<tr>
<td>connection</td>
<td>1 USB (1.1, 2.0)</td>
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<tr>
<td></td>
<td>1 Serial RS-232C</td>
</tr>
<tr>
<td></td>
<td>1 Parallel (Bi-directional IEEE-1284 nibble mode)</td>
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<tr>
<td>compatibility</td>
<td>Windows XP, 7, 8</td>
</tr>
<tr>
<td>height</td>
<td>6.25 inch (159 mm)</td>
</tr>
<tr>
<td>width</td>
<td>14.13 inch (359 mm)</td>
</tr>
<tr>
<td>depth</td>
<td>11.20 inch (285 mm)</td>
</tr>
<tr>
<td>weight</td>
<td>11 lbs (5 kg)</td>
</tr>
<tr>
<td>operating temperature</td>
<td>41 to 95 °F (5 to 35 °C)</td>
</tr>
<tr>
<td>storage temperature</td>
<td>°F (-20 to 55 °C)</td>
</tr>
<tr>
<td>humidity</td>
<td>20 to 80% RH (non condensing)</td>
</tr>
<tr>
<td>energy supply</td>
<td>100 – 120 V, 220 – 240 V</td>
</tr>
<tr>
<td></td>
<td>50/60 Hz (± 3%)</td>
</tr>
<tr>
<td>standby</td>
<td>&lt; 4 W</td>
</tr>
<tr>
<td>heavy embossing</td>
<td>&lt; 85 W</td>
</tr>
<tr>
<td>lifetime</td>
<td>10,000 pages</td>
</tr>
</tbody>
</table>

B. Software Driver

The Windows driver for the VP EmBraille is compatible with operating systems from Windows XP to the current Windows versions, both 32- and 64-bit systems.
III. Printer Setup

A. Unpacking

- Place your packaged embosser on a solid base.
- Make sure the box is placed with the correct side up.
- Open the box, lift the embosser out of the cardboard box and remove the remaining packaging material and tapes.
- Open the embosser top lid and remove the cardboard shipping locks surrounding the print head.
- Check the embosser for any visible transport damage and missing items. If you find any transport damage or if any accessories are missing, please contact your dealer.
- When unpacking a new unit the following items should be included:
  - Embosser
  - Paper feed knob
  - Paper feed tray
  - Power cord
  - USB cable
  - USB flash drive
  - Installation Guide
- Install the paper feed knob at the right side of the machine.

NOTE: SAVE THE PACKING MATERIAL AND BOX!

If any damage occurred during shipping, most shipping companies require the box and the packing material in order to settle the insurance claim. The packing material must also be used to ship the ViewPlus embosser for warranty maintenance service, or repair. If not existent anymore, new packaging material has to be purchased before return of the embosser is authorized.
B. Hardware setup

Embossing components

**Paper Guides:** Adjusts positioning of single sheet paper.

**Top Cover:** Protects print head and other components inside, and reduces noise.

**Control Panel:** Also called 'Operator Panel' below. Shows embosser status, and is used to control internal functions.
**Paper Feed Lever:** Also called 'Paper Select Lever', toggles between continuous tractor feed and single sheet paper feed.

**Paper Feed Knob:** Manually drive the roller for vertical positioning of paper

**Power Switch:** Power embosser ON or OFF

**Tractors:** Positions and feeds continuous tractor paper.

**Power Receptacle:** Input plug for the power cord to the embosser.

**Interface:** Provides connectors for cables from the host computer to the embosser.

---

**Single Sheet feeder and cable attachment**

- Make sure the paper feed knob is installed as already mentioned in section 'Unpacking' above.
- Install the single sheet feeder into the rear of the embosser.
- Check the embosser voltage: The EmBraille does not incorporate a universal power supply so please confirm that the specified voltage of the embosser matches your country’s power supply voltage. To do this, check the label at the back of the embosser. Contact your dealer if the setting is incorrect. Never switch on the embosser if the voltage setting is incorrect; this may result in electrical damage to the embosser.
- Make sure that the power switch located to the right side of the embosser, is in the “O” (off) position.
- Connect the power cord to the power inlet of the embosser. Connect the power cord plug to a wall outlet socket.
- Before connection the embosser to a computer it is recommended to power on once and see if it initializes okay. If yes, load paper, turn back off, and then turn on again while holding down the 'Online/Cancel' button until the print head moves. Now the embosser will print a page with Braille text, which serves as a basic function test. This will assure basic functionality of the embosser before sending data from a different source.
- Make sure the printer driver is installed before connecting the embosser to the computer via USB cable.
- When using parallel or serial cable, make sure embosser and computer are turned off before connecting, or disconnecting, to prevent electrical damage to the interface ports.
C. Software Installation

The Windows printer driver is included with your EmBraille on the USB flash drive, as well as the Tiger Software Suite (TSS).

Do not connect your VP EmBraille to the computer during installation of the Windows printer driver, or turn it off during this process. Run the driver setup from the USB, or download the current EmBraille driver from the ViewPlus website, www.viewplus.com. Follow the instructions from the installation program.

After installation of the driver, connect the EmBraille to the computer and turn it on. The system should automatically detect the printer and add it to the system control panel under 'Devices and Printers'.

It is possible that it does not detect correctly at first try on one USB port. In this case, please try again to connect to the same or another USB port of your computer.

For installation of the Tiger Software Suite please also follow the instructions from the setup program. For use of the Tiger Software Suite (TSS) please refer to the TSS manual.
IV. Printer Properties

A. Introduction

The ViewPlus printer driver uses a standard Windows printer driver interface to provide user access to setting options on the ViewPlus embosser from a local or networked computer. The printer properties are accessible through the Windows control panel for devices and printers. Select the VP EmBraille in the list of printers and get to the printer properties through the context menu. The printer properties contain general device settings such as for connectivity, sharing, and security, but also ViewPlus specific settings for legacy mode operation and service procedures on the ViewPlus printer. Note, that these options are only activated when your EmBraille device is locally connected through an USB port and switched on.

Always click on the 'Apply' button to activate changes.

B. Printer Properties

Device settings tab

The device settings are properties that are stored within the internal memory of the printer. Therefore the printer needs to be locally connected and turned on. To activate any changes, always click on the 'Apply' button when done with the settings. The printer will beep once to confirm the receiving of the changed settings.
- **Form to Tray Assignment**

  The first section of the Device Settings tab controls the EmBraille's "tray assignment", allowing you to set what paper size is loaded into the embosser.

  **Tractor Feed** – Select which from size is loaded to the tractor feeder of the embosser.

  **Manual Paper Feed** – Select which form size will be used when feeding paper through the single sheet feeder.
• Legacy Settings

The second section of the Device Settings controls the embosser's legacy settings. These settings are used when you print to the EmBraille from programs that do not use the Windows printer driver, including some Braille programs. Use the descriptions below to make your selections.

**Form Size** – Select a standard page size, or select Custom to set the page size manually.

**Form Width** – This field shows the page width. For standard page sizes, this field is informational only. If the Form Size is set to Custom, this field is editable.

**Form Length** – This field shows the page length. For standard page sizes, this field is informational only. If the Form Size is set to Custom, this field is editable.

**Top Margin** – Set the top margin to be used when printing in legacy mode. Note: If you are printing from an application that sends margin information with the print job, set the top margin to 0.

**Left Margin** – Set the left margin to be used when printing in legacy mode. Note: If you are printing from an application that sends margin information with the print job, set the left margin to 0.

**Right Margin** - Set the right margin to be used when printing in legacy mode. Note: If printing from an application that sends margin information with the print job, set the left margin to 0.

**Text/Graphics Mode** – Select Text mode if your legacy document contains text. If the document is a graphic, select Graphics mode to remove the space between Braille lines so that dots may be printed in an even grid.

**Dots Per Character** – Select 6 or 8 dots.

**Automatic Text Wrapping** – Select ’On’ if lines in the document are longer than will fit on one printed line and you do not wish the lines to be truncated. If the document is formatted correctly for the page size and margins you are using, or if you do not wish to have long lines wrapped to the next line, select ’Off’.

**Extra Line Spacing** – Set the amount of extra space desired between braille lines. This setting can only be set in multiples of 0.05 inches.

**Media Type** – Select a default media type from the list, or choose Custom to set the punch forces manually for non-standard media.

**Custom Media Lowest Force** – Enter the punch force value to be used for the lowest dots on a custom media type.

**Custom Media Highest Force** – Enter the punch force value to be used for the highest dots on a custom media type.

**Custom Braille Table…** – This option allows you to load a custom Braille table. The VP EmBraille can store up to six Braille tables in internal memory.
**Braille Table** – Select which Braille table to use when printing.

**Braille Dot Height** – Select 'Low', 'Normal', or 'High' to control how tall the braille dots print.

**Service tab**

The Service tab of the printer properties dialog window provides information about the connected VP EmBraille at the bottom left. When contacting ViewPlus Support, please have the driver version, printer serial number, and firmware version available. Furthermore it provides several servicing functions for your VP EmBraille.
• **Alignment Settings** – Provides button…

**Print Skew** – This button will open a dialog to perform calibration of the print skew. This setting ensures that dots are embossed in a straight line when placed vertically beneath each other, like dot 1,2, and 3 of a Braille cell. Print the test pattern and enter the number of the straightest vertical line, counted from left to right. This will be a number between 1 and 21.

• **Interface Settings** – Provides button…

**Serial Settings** – This button will open another dialog which provides entry fields to adjust settings when using the serial interface port to communicate with the embosser.

• **Printer Usage** – Provides button…

**Emboss Usage** – which will open a display window showing the percentage of remaining solenoid life, and the number of pages that have already been printed with the embosser.

**Print Test Page** – Prints a test page to exercise the EmBraille's embossing mechanism. Prior to using this button, make sure there is paper loaded in the embosser.

---

**C. Printing Preferences**

The Printing Preferences contain settings for printing from Windows programs to your VP EmBraille, that will affect the output of individual print jobs. To open the printing preferences dialog, right click on the EmBraille within the Devices and Printers control panel under Windows, and choose the 'Printing Preferences...' option from the context menu. The printing preferences dialog is also accessible within the 'Printer properties' dialog window, when clicking the 'Preferences …' button on the General tab. In addition, the printing preferences are accessible next to the printer selection box on the standard Windows print dialog when printing from most programs.

**Layout tab**

The printing preferences options are organized onto three tabs. The Layout tab contains options pertaining to the page layout of the document to be printed. Use the descriptions of the options on the Layout tab to help make the appropriate selections for the document.
Output

**Single Sided** – You see only one option here, because the EmBraille is a single sided only embosser.

Print

**Collate** – When the collate box is checked and multiple copies of a document are printed, one complete document will be embossed at a time. If the collate box is left unchecked all copies of each page will be embossed before embossing of the next page in the document begins.

**Preview** – If this option is checked, a preview of how the document will print and emboss will be shown in Tiger Viewer instead of printing.
Paper/Media tab

The Paper/Media tab contains options related to the type of paper or media being used for printing. Select the desired options for your media.

- **Paper and Media**
  
  Select the options that apply to your media.

  **Paper size** – Select the paper size you are using from the list, or leave the setting at 'Automatic Select' to allow the application you are printing from to choose the correct paper size for you.

  **Media Type** – Select the type of media you are using.
**Advanced** – Selecting the 'Advanced...' button brings up another dialog, which allows you to create and manage custom media types and paper sizes.

![Dialog showing advanced options in Paper/Media settings]

- **Media Type**
  - **Add** – Choosing this button will allow you to define a new custom media type. The 'Print Media Type Test Pattern' button will print a selection of punch forces from which you can choose to set the highest and lowest punch force values that work for your media.
  - **Edit** – Selecting a media type from the drop-down list and choosing 'Edit...' will allow you to edit that media type. Note: Default media types can not be edited.
  - **Remove** – Selecting a media type from the drop-down list and choosing 'Remove' will delete that media type from the list. Note: Default media types can not be removed.
Available Forms

Selecting a paper size in the list will show the paper dimensions in the selected units of measure.

Add Custom Form… – This button will allow you to define a new paper size. Note: Paper sizes wider than 9 inches may not be added.

Delete Form – If the selected form from the list is a custom size, this button will remove the selected form.

Tiger tab

The Tiger tab allows you to control Braille and print options for printing. Use the descriptions below to help you make your selections.
• How to Print

Select the print and Braille options appropriate for your document.

  o **Dot Quality** – Select Standard or Best dots. Printing with standard dot quality is the faster option. Selecting best dot quality causes the printer to slow down, allowing the embossing of higher quality dots.
  
  o **Braille Height** – Select 'Low', 'Normal' or 'High' braille dot height. Normal dot height sets the braille dots to the same height as the highest graphics dots. Adjust the braille dot height higher or lower to suit the reader.
  
  o **Emboss Standard Text** – When checked, standard text that is not translated to braille will be embossed. This is helpful when used with a large font to print raised letters.

**More Options…** – Selecting the 'More Options...' button brings up a new dialog with the following options.

*Shows the More Options dialog window*
Images

Invert Colors – When checked, this option embosses light colors as high dots and dark colors as low dots.

Contrast – The default setting is 0. The range is from -100 to 100. Increasing the contrast increases the dot height difference of two colors that have intensities that are nearly the same. By increasing the contrast, light colors get lighter and dark colors get darker.

Brightness – The default setting is 0. The range is from -100 to 100. Increasing the brightness can be useful to increase the intensity of all the colors. This option is most often used with images in which lines are thin and light.

Thin Line Intensity – If lines in graphics are too thin to emboss correctly, slide the indicator to the right.

Defaults – The 'Defaults...' button will restore all settings on the Advanced dialog to their default values.

Defaults… – The 'Defaults...' button will restore all settings on the Tiger tab to their default values.

V. Operator Panel

A. Functions

Illustration of the operator panel

(The buttons are described from left to right order.)

• Tear Off – This button only has an effect when using the tractor feeder. When a print job finished, this button can be used to move continuous paper forward to the correct position for tearing off the printed page(s) at the perforation between sheets. Pressing this button again will then move the paper back to the top of form position for the next print job.
• **Pause/Play** – Only in online mode, pressing this button will move paper one Braille line at a time forward. When holding down this button in online mode, the embosser will continuously move the paper forward.

• **Load/Eject** – When paper is loaded, pressing this button will eject the paper from the paper path. In single sheet mode this means moving forward until the sheet is ejected. In tractor feeding mode this means retracting the paper out of the path, but where it is still contained by the tractor locks. When no paper is currently loaded in printing position, pressing this button will load paper from currently selected path to the starting print position.

• **Online/Cancel** – This button switches the embosser between the online and offline states. Pressing this button during printing will cancel the current print job. The embossing will stop and the paper will be advanced to end of page.

   The Online/Cancel button will also initialize the printing of an internal test page if the button is being held while turning power on for the embosser. Hold until the carriage moves. Make sure paper was loaded in print position before initiating the test page. No data connection to a computer is required to print the internal test page.

**B. Status Lights and Alerts**

There are four lights indicating status of the machine. In some cases the status is also indicated by some beeping sound generated by the embosser.

• **Tear Off (2 lights)** – Flashing of these lights indicates continuous paper is at tear-off position. If the left light is on, this indicates data is in the input buffer, but not printed yet. If the right light is on, this indicates paper is loaded at top of form to start the next print job.

• **Power/Paper Out** – This light is on when the embosser is powered on. This light is flashing to indicate the embosser is out of paper, when there is no paper loaded for printing. If this light is flashing, plus there is a beeping sound, a paper jam is indicated.

   The paper out status will be accompanied from some beeping sound, high-low.

   To resume printing: When using tractor feeder: Load paper and press button 'Load/Eject' to still start the print job. When using single sheet feeder: Load paper and wait. The printer will detect the paper within the single sheet feeder automatically and resume printing.

• **Online** – This light is on when the embosser is online and ready to receive data from the computer. When this light is off, the embosser is offline and will not receive any data from the computer. When this light is flashing the embosser is busy processing data, and cannot receive any additional data.
Switching the embosser online/offline will be accompanied by some beeping sounds, high-low-low when switching offline, high-high-high when switching online.

VI. Paper Handling

A. Single Sheet and Tractor feed handling

The VP EmBraille provides two methods of paper feeding. Either one single sheet of paper can be inserted into the sheet feeder tray, which is also called friction feed, or continuous paper with tractor strips can be inserted into the tractor feeder towards the back of the machine.

The following picture shows the location of the Paper Select Lever on the embosser. This lever is used to switch between single sheet feeder mode and tractor feeding mode.

![Paper Select Lever](image.png)

*Shows paper select lever and print gap lever*
Single sheet feeding

- Move the Paper Select Lever on the right of the printer all the way forward towards the front of the embosser.
- Set the single sheet feeder tray upright. It should lock itself into its mounting. Align the left paper guide with the mark on the left of the single sheet feeder tray. Adjust the right paper guide to the width of the paper used.
- Insert a sheet of paper. Make sure that the bottom edge of the paper engages snugly with the platen to activate the paper sensor lever.
- The paper should advance automatically to the print position. The embosser is now ready to emboss in the online state.
Tractor feed handling

*Shows VP EmBraille tractor feed mechanism*

- Move the Paper Select Lever on the right of the printer all the way toward the back of the embosser for tractor paper feeding.
- Raise the tractor doors and fit the first 3 paper holes onto the left tractor pins. Close the left tractor door. In the same way, install the paper on the right tractor.
- With the left tractor adjusted to the left side of the embosser, adjust the right tractor to the width of the paper until the paper is flat. Do not stretch the paper too taut. Push the right lock lever down to secure the right tractor in place.
- Press the Load/Eject key to load the paper to the starting print position. The embosser is now ready to print in the online state.
B. Continuous Paper Placement

The VP EmBraille provides a tractor paper feeder in the back of the machine. Please follow the instruction below to ensure proper paper input and output.

- Place the embosser on a solid base. The embosser should be at least 75cm above the paper supply.
- Left and right positioning: The direction of continuous paper should be parallel with the paper guide.
- Front and back positioning: The distance between the rear of embosser and the wall should be more than 60 cm. To avoid a paper jam, the distance between the continuous paper and the edge of desk should be at least 10cm.

C. Paper Jams

There are several possible reasons for paper jams in the main body of the embosser.
- The tractor strip of continuous feed paper is not locked in with the tractor locks correctly.
- Paper feeds in tilted, which is possible with both feeding methods.
- Or the paper is catching on some edge or some debris within the paper path.
To check and clear paper jams please follow the steps below.

- If you notice some paper jam, turn the machine off.
- Release paper from the tractor feeder if there is any.
- Try to pull paper out. To facilitate this action, turn the knob at the same time.
- Open the lid of the embosser and check if there is any paper left visible in the machine. Try to remove if there is still paper. Also turn the knob to see if the paper will be transported out by friction.
- If all paper is cleared, close the lid again.
- Make sure paper is inserted and secured by the tractor locks correctly for the next print job.
- Turn the embosser back on, and reprint the document.

VII. Braille, Translation and Printing

A. ViewPlus Tiger Software Suite

Within MS Office Word, and Excel the ViewPlus Tiger Software Suite (TSS) provides direct tools for text to Braille translation in numerous languages and contraction grades. TSS includes easy translation of charts and graphs in MS Excel and provides further tools to easily create and edit tactile graphics originating from other Windows applications.


B. Fonts

Braille and Tiger screen fonts are Braille fonts that install with the installation of the ViewPlus printer driver. They can be chosen from any Windows program that includes Windows font selection. Braille and Tiger screen fonts appear as standard text characters on the screen and print as Braille dot patterns. When applying these fonts, each print character is converted to one Braille character that corresponds to the ASCII code of that print character. There will be no contractions, or translation of symbols in the Braille output.

It is very important to use the correct font size for the correct dot spacing to be printed for Braille fonts. For 8 dot Braille fonts, like 'Computer' Braille, the point size needs to be set to 43. Other Braille fonts, indicated through a '29' in their font name, need to be set to point size 29.

Characters or text, that is not translated to Braille will emboss as graphic images of the visual character if 'Emboss Standard Text' option is checked within the Tiger tab of the printing preferences. This enables embossing of visual print characters.
C. Printing

Once the printer driver is installed and the printer properties are accessible, the next step would be to print a document. These are the steps that you should follow to print:

- Open the document to be printed for example in MS Word.
- Open the program's File menu and choose Print.
- On the Print dialog, make sure the VP EmBraille is selected. Click on the printer properties button and ensure that the correct paper size and Tiger printing options are selected. Click OK on the printer properties dialog when you are finished. Then click OK on the Print dialog to start the print job.
- If using tractor feed paper, press the "Tear Off" button after the printing is done to advance the paper enough so you can detach it. Press the "Load/Eject" button after detaching the paper to move the paper to the ready position again.

There are example documents downloadable from: https://viewplus.com/viewplus-support/downloads/ and please also see the Support section of the ViewPlus website for other information: https://viewplus.com/viewplus-support/

VIII. Software Packages

For pricing, ordering, and additional information on any of the following products consult the ViewPlus website www.viewplus.com or your ViewPlus representative.

A. Software Packages

- Tiger Software Suite (TSS)

  The ViewPlus Tiger Software Suite (TSS) is the complete solution for producing Braille and tactile graphics by harnessing the full power of MS Word and Excel. The press of a button automatically converts and formats documents that were originally created for an ink printer. Additionally, the Tiger Software Suite offers tools to ease creation and editing of tactile graphics.

- MathType by Design Science

  MathType is an Add-in editor in MS Word for math equations. Equations can be entered using MathType editor and directly translated to LaTeX, Nemeth, or other Braille math using the ViewPlus Tiger Software Suite.
• Audio Graphing Calculator (AGC)

The ViewPlus Audio Graphing Calculator (AGC) is a self-voicing Windows application that provides access to scientific calculation and graphing for people who are blind or dyslexic. It includes a standard on-screen calculator and a powerful function evaluator as well as the capability of computing and viewing functions visually and as an audio plot. The audio tone plot gives AGC users access on a time scale comparable to access by people without print disabilities to visual plots on standard graphing calculators.

IX. Training, Warranty, Maintenance and Support

For additional information about any of the below, please don't hesitate to consult the ViewPlus website at www.viewplus.com or contact your ViewPlus sales representative.

A. Training

ViewPlus provides two training methods

1) Video tutorials/documentation downloadable from our website, and
2) Live on-line training sessions with a ViewPlus Support Specialist.

B. Maintenance

The Embraillé embosser requires very little care. Occasional cleaning is all that is required. Cleaning is recommended approximately every 6 months or 300 hours of operation, whichever is sooner. Lubrication of the embosser is not usually necessary. If the print head carriage does not move smoothly back and forth, clean the embosser in the manner described in this chapter. If the problem continues, contact your dealer to determine whether lubrication may be necessary.

Switch embosser off and unplug the power cord before doing any maintenance work.

Software updates can be downloaded from the ViewPlus Technologies website. You should occasionally check the website for the latest developments.
C. Support

In addition to support material on our website please do not hesitate to contact us for your technical support questions:

- Contact your ViewPlus embosser sales representative if you did not purchase directly from ViewPlus Technologies
- E-mail to support@viewplus.com, or
- Call the ViewPlus Technologies office at +1 541 754 4002 (Pacific Standard Time Zone), or the European office at +49 5404 9596 414 (Central European Time Zone).

D. Warranty

For information on your product warranty, please visit our website at https://viewplus.com/viewplus-support/warranty-details/

Extended Warranty

For extended warranty options please contact your ViewPlus representative, or the dealer the embosser was purchased from.