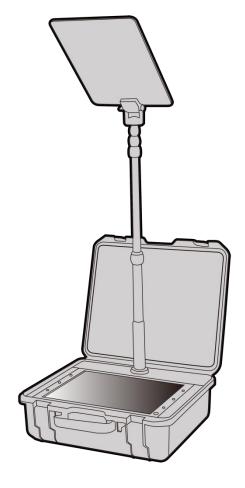
datavideo



CONFERENCE TELEPROMPTER KIT

TP-800

Instruction Manual

Contents ASSEMBLY - TP-800 9 CONNECT A PC/LAPTOP FOR CONTROL AND MONITORING OVER IP12 DOCUMENTS SCREEN 18 Via Ethernet 29 SPECIFICATIONS 35 SERVICE AND SUPPORT36

Disclaimer of Product and Services

The information offered in this instruction manual is intended as a guide only. At all times, Datavideo Technologies will try to give correct, complete and suitable information. However, Datavideo Technologies cannot exclude that some information in this manual, from time to time, may not be correct or may be incomplete. This manual may contain typing errors, omissions or incorrect information. Datavideo Technologies always recommend that you double check the information in this document for accuracy before making any purchase decision or using the product. Datavideo

CONFERENCE TELEPROMPTER KIT

TP-800

Technologies is not responsible for any omissions or errors, or for any subsequent loss or damage caused by using the information contained within this manual. Further advice on the content of this manual or on the product can be obtained by contacting your local Datavideo Office or dealer.

FCC Compliance Statement

This device complies with 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.

Warnings and Precautions



- 1. Read all of these warnings and save them for later reference.
- 2. Follow all warnings and instructions marked on this unit.
- 3. Unplug this unit from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- 4. Do not use this unit in or near water.
- 5. Do not place this unit on an unstable cart, stand, or table. The unit may fall, causing serious damage.
- 6. Slots and openings on the cabinet top, back, and bottom are provided for ventilation. To ensure safe and reliable operation of this unit, and to protect it from overheating, do not block or cover these openings. Do not place this unit on a bed, sofa, rug, or similar surface, as the ventilation openings on the bottom of the cabinet will be blocked. This unit should never be placed near or over a heat register or radiator. This unit should not be placed in a built-in installation unless proper ventilation is provided.
- 7. This product should only be operated from the type of power source indicated on the marking label of the AC adapter. If you are not sure of the type of power available, consult your Datavideo dealer or your local power company.
- 8. Do not allow anything to rest on the power cord. Do not locate this unit where the power cord will be walked on, rolled over, or otherwise stressed.
- 9. If an extension cord must be used with this unit, make sure that the total of the ampere ratings on the products plugged into the extension cord do not exceed the extension cord rating.
- 10. Make sure that the total amperes of all the units that are plugged into a single wall outlet do not exceed 15 amperes.
- 11. Never push objects of any kind into this unit through the cabinet ventilation slots, as they may touch dangerous voltage points or short out parts that could result in risk of fire or electric shock. Never spill liquid of any kind onto or into this unit.
- 12. Except as specifically explained elsewhere in this manual, do not attempt to service this product yourself. Opening or removing covers that are marked "Do Not Remove" may expose you to dangerous voltage points or other risks, and will void your warranty. Refer all service issues to qualified service personnel.
- 13. Unplug this product from the wall outlet and refer to qualified service personnel under the following conditions:
 - a. When the power cord is damaged or frayed;
 - b. When liquid has spilled into the unit;
 - c. When the product has been exposed to rain or water;
 - d. When the product does not operate normally under normal operating conditions. Adjust only those controls that are covered by the operating instructions in this manual; improper adjustment of other controls may result in damage to the unit and may often require extensive work by a qualified technician to restore the unit to normal operation;
 - e. When the product has been dropped or the cabinet has been damaged;
 - f. When the product exhibits a distinct change in performance, indicating a need for service.

GLASS - Handle with care



This product contains a sheet of 50/50 mirror glass please handle it with care.

To avoid a risk of damage or injury please follow this instruction manual and use caution when transporting, un-packing, cleaning, assembling or dis-assembling this part of the product.

Warranty



Standard Warranty

- Datavideo equipment are guaranteed against any manufacturing defects for one year from the date of purchase.
- The original purchase invoice or other documentary evidence should be supplied at the time of any request for repair under warranty.
- The product warranty period begins on the purchase date. If the purchase date is unknown, the product warranty period begins on the thirtieth day after shipment from a Datavideo office.
- All non-Datavideo manufactured products (product without Datavideo logo) have only one year warranty from the date of purchase.
- Damage caused by accident, misuse, unauthorized repairs, sand, grit or water is not covered under warranty.
- Viruses and malware infections on the computer systems are not covered under warranty.
- Any errors that are caused by unauthorized thirdparty software installations, which are not required by

- our computer systems, are not covered under warranty.
- All mail or transportation costs including insurance are at the expense of the owner.
- All other claims of any nature are not covered.
- All accessories including headphones, cables, and batteries are not covered under warranty.
- Warranty only valid in the country or region of purchase.
- · Your statutory rights are not affected.

Register for 3 year Warranty

- All Datavideo products purchased after July 1st, 2017 are qualified for a free two years extension to the standard warranty, providing the product is registered with Datavideo within 30 days of purchase.
- Certain parts with limited lifetime expectancy such as LCD panels, DVD drives, Hard Drive, Solid State Drive, SD Card, USB Thumb Drive, Lighting, Camera module, PCIe Card are covered for 1 year.
- The three-year warranty must be registered on Datavideo's official website or with your local Datavideo office or one of its authorized distributors within 30 days of purchase.

Disposal

For EU Customers only - WEEE Marking



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



CE Marking is the symbol as shown on the left of this page. The letters "**CE**" are the abbreviation of French phrase "Conformité Européene" which literally means "European Conformity". The term initially used was "EC Mark" and it was officially replaced by "CE Marking" in the Directive 93/68/EEC in 1993. "CE Marking" is now used in all EU official documents.

Packing List

Item	Description	Quantity
Α	Main TP-800 ENG hard case & chassis	1
В	15" LCD control unit	1
С	Extendable pole with 3/8 screw	1
D	Adjustable beam splitter glass clamp	1
Е	Thumb screw for beam splitter clamp (Item D)	1
F	50/50 glass beam splitter	1
G	Universal mains PSU (Or local PSU only for Chinese market)	1
Н	Ethernet cable 5M	1
I	3.5mm input adapter for WR-500 remote control	1
J	USB Mouse	1
K	Sun Hood	1
L	12V D-Tap cable	1
Plus	Retail carton	1







Product Overview

The TP-800 conference teleprompter kit is designed for corporate conferences or other events where a speaker is addressing an audience. From the audience's perspective, the high-quality prompter glass is transparent, giving the impression that the presenter is speaking fluently and professionally without any assistance. From the presenter perspective, the glass displays a mirror image of the preprepared speech from the LCD monitor at the base of the stand.

The height of the stand and the angle of the prompting glass are fully adjustable to match the eye-line of the presenter.

Features

- Built into a ruggedized carry case
- Completely freestanding and standalone
- 15" 4:3 LCD with the dvPrompter Plus application built in
- Can be powered by the mains or a V-Lock battery
- HDMI input and HDMI output can be used to connect two TP-800s together
- The HDMI output can also be used to drive external displays
- The HDMI input also allows the built-in tablet to be used as a HDMI monitor with third party software if required
- Fully controllable via Ethernet
- An **optional** wired remote control is available.

Assembly - TP-800



 Open the lid of the main TP-800 ENG hard case & chassis (Item A).



2. Lift out the 15" LCD control unit (Item B) and remove all other items in the case.



3. Put the 15" LCD control unit (Item B) back into the main TP-800 ENG hard case & chassis (Item A).



Screw on the extendable pole (Item C) onto the main TP-800 ENG hard case & chassis (Item A)



 Attach the Adjustable beam splitter glass clamp (Item D) to the top of the extendable pole (Item C) using the thumb screw (Item E)



- 6. Insert the 50/50 glass beam splitter (Item F) into the Adjustable beam splitter glass clamp (Item D), the glass should be in landscape orientation as shown. Turn the thumb screw clockwise to secure the glass. The glass should be angled at approximately 40 degrees. You should be able to see the entire 15" LCD screen in the glass when stood directly in front of the teleprompter.
- 7. Connect the Universal mains PSU (Item G) to the 15" LCD control unit (Item B)
- 8. Optionally you can attach the sun hood (Item K). Attach the Velcro loops on both

sides of the sun hood to the fixings on the left and right sides of the main TP-800 ENG hard case & chassis (Item A).



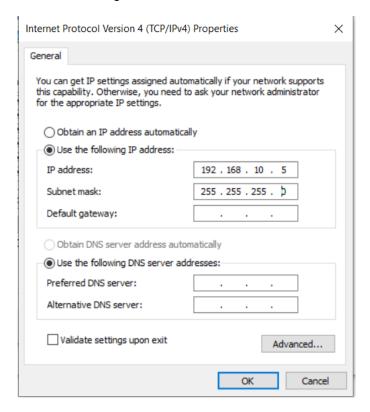
You are now ready to power on the TP-800!

Connect a PC/Laptop for control and monitoring over IP

The TP-800 has the Datavideo dvPrompter Plus app built in. Unlike a traditional conference teleprompter, the TP-800 can be monitored and controlled from any ethernet connected device with a modern web browser.

Direct ethernet connection

- 1. Connect an Ethernet cable between the TP-800 and your PC/Laptop
- 2. Power on the TP-800, the dvPrompter Plus app will open automatically
- The TP-800 has the static IP address 192.168.10.10 by default, we must also set a static IP address on the PC/Laptop
- 4. Turn on the Windows computer and set it to static IP set up within the **Windows Network and Sharing Centre**. In our example the computer is given the following IP settings so that the computer matches the same IP range as the TP-800.

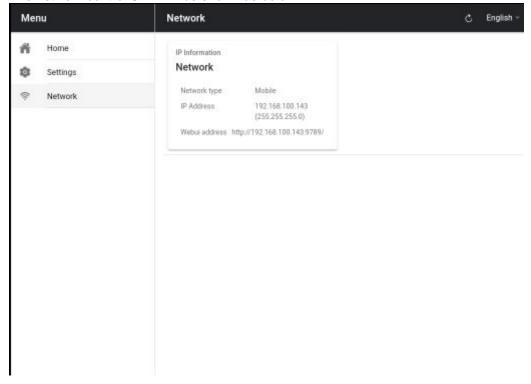


- 5. Open a web browser and navigate to http://192.168.10.10:9789, you will see the main control page shown below
- 6. Please see the 'dv Prompter Plus App' section of this manual for software operation instructions

Connection via a router / DHCP LAN

- 1. Connect the supplied USB mouse to the TP-800 and power it on
- 2. Once the TP-800 has booted, right click to close the dv Prompter Plus app
- 3. Navigate to Settings > More > Ethernet
- 4. Change the 'Ethernet IP mode' from static to DHCP
- 5. Connect the TP-800 to your existing LAN

- 6. Open the dv Prompter Plus app
- 7. Click the menu bar and then 'Network'
- 8. The network control URL will be shown as below



9. Please see the 'dv Prompter Plus App' section of this manual for software operation instructions

Cleaning the 50/50 Glass



This product contains a sheet of 50/50 glass please handle it with care.

To avoid a risk of damage or injury please follow this instruction manual and use caution when transporting, un-packing, cleaning, assembling or dis-assembling this part of the product.

Datavideo recommend cleaning the glass regularly to remove dust and finger print marks. This will ensure the best image quality is recorded when the camera is looking through the glass.

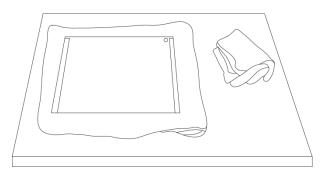
Never attempt to clean the glass whilst it is mounted in the prompter instead remove it carefully from the prompter, clean the glass and then re-install it into the prompter frame. Handle the glass carefully using the cloth covered edges of the glass at all times.

To retain the required qualities of the glass and to avoid scratching the glass during cleaning.

- Never use abrasive cloths, pads or abrasive based cleaning fluids on the glass.
- Never use cleaning fluids based on an acid or vinegar solution.

Place the glass on a soft, stable, dirt and lint free work surface such as a table with a clean cloth already laid out on it. Then use a second clean, lint free, soft cloth to clean the glass.

Do not apply cleaning fluids to the glass directly, instead apply or spray a small amount of the cleaning fluid onto the cloth. Proceed to clean the glass and work in a light



circular motion with the cloth. Ensure all finger marks and streaks are gone before turning the glass over and repeating with the other side.

Optional Teleprompter Remote Control

The TP-800 conference prompter can be controlled and monitored in real time over IP using a laptop or table. Optionally you purchase the WR-500 remote control for direct wired control. This **WR-500** remote control supports Bluetooth and Wired operation, only wired operation is supported by TP-800.

Wired Mode

When first removed from the retail package the WR-500 remote is already in **wired mode**. When a button is pressed a **RED LED** will flash.

In wired mode, the remote needs to be physically cabled to the TP-800. A four-pole jack to jack plug cable is provided with this remote.

One end of the cable fits into the 3.5mm input adapter (Item I, supplied with the TP-800). The other end plugs into the jack socket on the WR-500 remote.



<u>NOTE:</u> When using this remote in wired mode the **DV Prompter Plus app** should also be set to **Wired – WR-500** in the **Remote menu option.**

Control Buttons

Button	Whilst scrolling text	Whilst text paused
+	Speed up text scroll	Next Break Marker
_	Slow down text scroll	Previous Break Marker
	Pause text	Play text
	Reduce font size	Load previous script
>>	Increase font size	Load next script

LED Indicators				
RED LED	Wired Mode			
GREEN LED	Bluetooth 4			

Remote Accessories

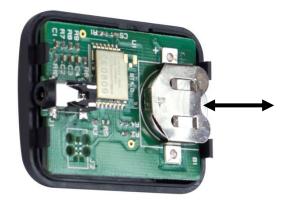
Lanyard Necklace



Plug the lanyard necklace into the jack plug socket.

CR2032 Battery

A **CR2032 button battery** is installed inside this remote. The original battery supplied (when new) is expected to last for 3 years under average / normal use.





This button battery can be replaced by the user when it dies. **Please remove the back case cover carefully** to avoid user damage to the PCB or case. Then slide the old battery out.

Please ensure the new button battery is installed with the positive (+) side of the cell facing the (+) sign on the PCB battery slot.

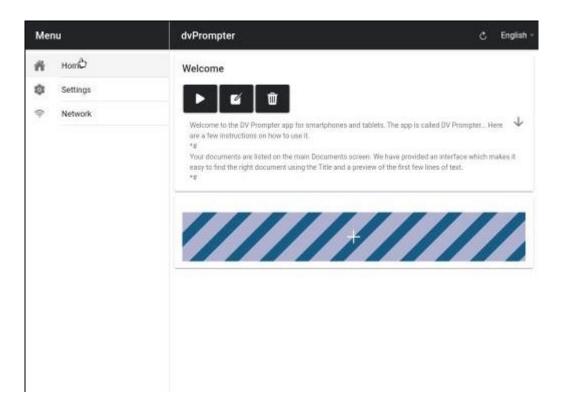
dvPrompter Plus App

The TP-800 includes a fully unlocked version of the prompter Plus application.

Documents Screen

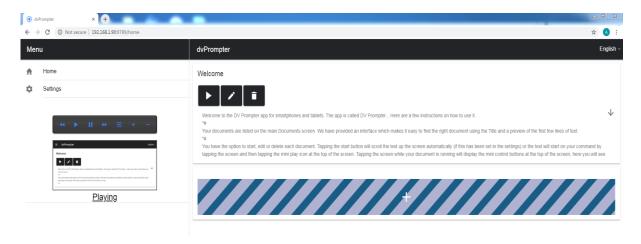
When you first launch the app, you will see the screen below.

The menu bar in the top left-hand corner provides access to the various settings menus.



Creating and Editing Scripts

Please see the 'Network' section of this guide to understand how to access the remote control webui of the app.



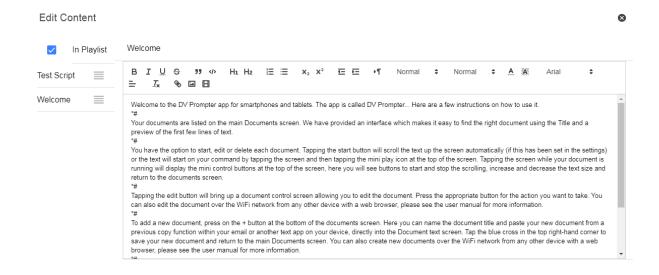
To create a new script on the device simply tap the '+' button, enter a title and then enter the script body into the rich text editor. The script will be saved automatically when you close the rich text editor by taping the 'X'. To edit a script on the device simply tap the 'Edit' button, the script will be saved automatically when you close the rich text editor by taping the 'X'.



Playlists

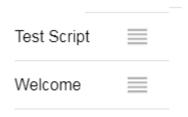
Adding a script to the playlist

Checking the 'In Playlist' option when creating or editing a script via the webui will allow the app to automatically load the next script in the list, it also allows you to quickly jump between scripts using the hardware remote control (see the control section of this guide for more information).



Changing the playlist order

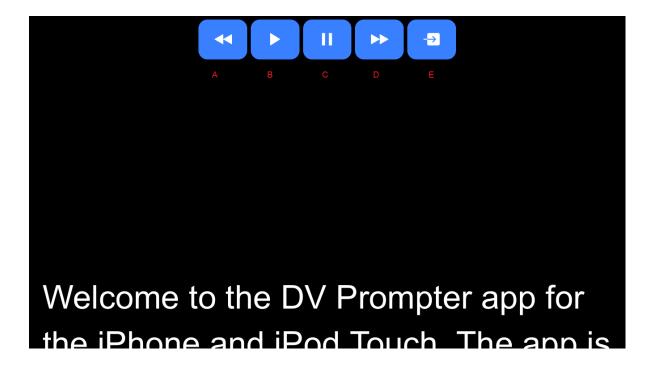
To change the running order of the playlist simply click the horizontal bars to the right of the script name and drag to the desired position.



Control

Via the device (USB mouse)

Clicking the screen when a script is loaded will display the menu bar shown below.



- A: Decrease text size when scrolling / jump to previous script in playlist when paused
- B: Start / Pause scrolling
- C: Start / Pause scrolling
- D: Increase text size when scrolling / jump to next script in playlist when paused
- E: Unload script and return to documents screen

Via the web interface

Please see the 'Network' section of this guide to understand how to access the remote control webui of the app.

The network control interface is shown below.



- A: Decrease text size when scrolling / jump to previous script in playlist when paused
- B: Start / Pause scrolling
- C: Start / Pause scrolling
- D: Increase text size when scrolling / jump to next script in playlist when paused
- E: Unload script and return to documents screen
- F: Increase speed when scrolling / jump to previous break marker when paused
- G: Decrease speed when scrolling / jump to next break marker when paused

Using the WR-500

When first removed from the retail package the WR-500 remote is already in **wired mode**. When a button is pressed a **RED LED** will flash.

In wired mode, the remote needs to be physically cabled to the TP-800. A four-pole jack to jack plug cable is provided with this remote.

One end of the cable fits into the 3.5mm input adapter (Item I, supplied with the TP-800). The other end plugs into the jack socket on the WR-500 remote.

NOTE: When using this remote in wired mode the DV Prompter Plus app should also be set to Wired – WR-500 in the Remote Control menu option

Button	Whilst scrolling text	Whilst text paused
+	Speed up text scroll	Next Break Marker
_	Slow down text scroll	Previous Break Marker
M	Pause text	Play text
«	Reduce font size	Load previous script
≫	Increase font size	Load next script

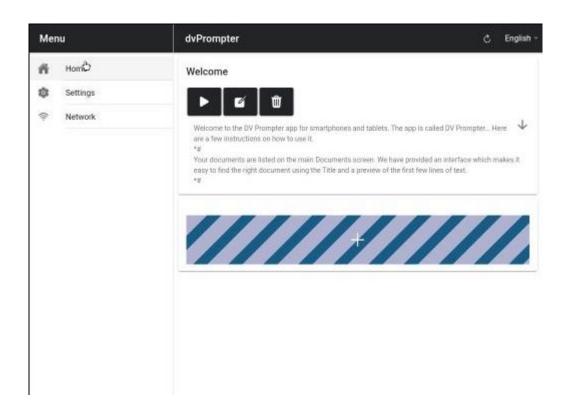
Menu Bar

Clicking the menu bar (found in the top left-hand corner of the documents screen will display the menu shown below, you will see three options:

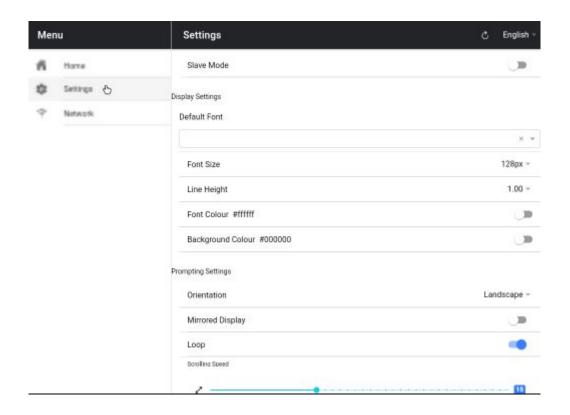
Home - Return to the documents screen

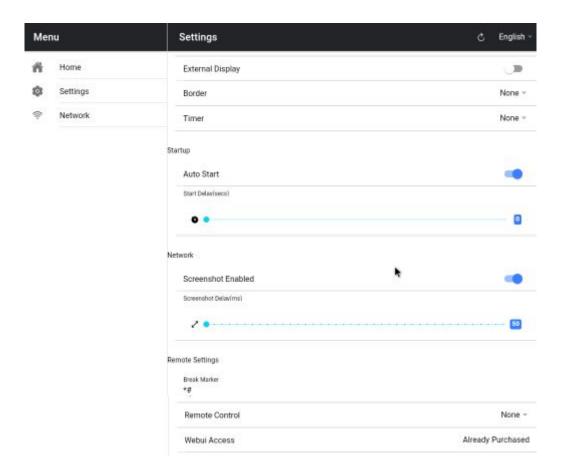
Settings - Display all app settings

Network – Display the address required to access the app from any device with a web browser over the local Ethernet network



Settings





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Slave Mode: When enabled the device will act as a slave screen to another dvPrompter app, please see the 'Synchronising multiple devices' section for more information.

Default font: Select the default font used by the editor (this can be overridden on a per script basis using the editor).

Font Size: Sets the default font size, this will apply to all text that does not have a font size set within the editor.

Line Height: Sets the spacing between lines when scrolling, values below 1 may result in text overlapping.

Font colour: Sets the default font colour (this can be overridden on a per script basis using the editor).

Background colour: Sets the background colour.

Orientation: Select if your device will be 'Landscape' or 'Portrait'.

Mirrored Display: Set to 'Off' if reading the text directly from the device, set to 'On' if reading the text via a mirror.

Loop: Set to 'On' to continually loop the script when finished (only valid when playlists are not in use).

Scrolling speed: Set the speed the text will start to scroll at, this can be adjusted via the hardware or network remote control.

Cue marker: Optionally select a cue marker to define the line of text the talent should read.

Cue Background: Set the cue marker background colour (only valid when using plain or combined cue markers).

External Display: When disabled any second display connected via HDMI or wireless will mirror the main display, when enabled text will only scroll on the second display, the main display can be used to create and edit scripts as well as control the text.

Border: Used to add a border around the scrolling text, this is useful if the text is too close to the edge of your monitor and or beam-splitter glass.

Timer: Display a timer showing the time the text as been scrolling on screen, the timer will reset when a new script is loaded and pause when the script is paused.

Auto start: When set to 'On' the script will start scrolling automatically, when set to 'Off' the script must be started using the on-screen menu, hardware or network remote control.

Start delay: Optionally set a delay (in seconds) between the start command being issued and text starting to scroll (work with manual start and auto start).

Screenshot Enabled: Enables or disabled the screenshots used for remote monitoring via the web interface.

Screenshot Delay (ms): The time in milliseconds a screenshot is taken and send to the network web interface for remote monitoring, a lower value will result in less delay but higher CPU and network usage. Lower values will require faster hardware.

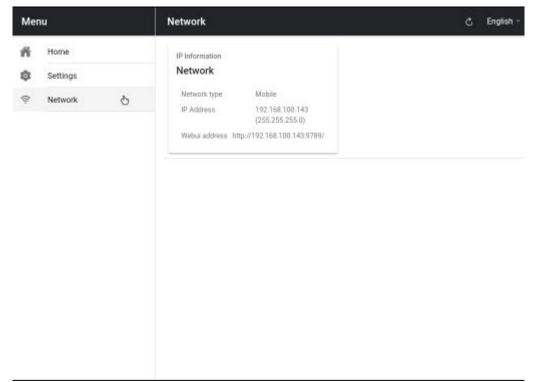
Break marker: You can also set up text characters like *# that indicate a break in the scrolled text called break markers. These markers can then be used to quickly jump forward or backward between points in the text, when using the hardware or network remote control, should the running order of the production change.

Remote control: The optional Datavideo WR-500 controller can be used to control the script, please select either Bluetooth or wired mode.

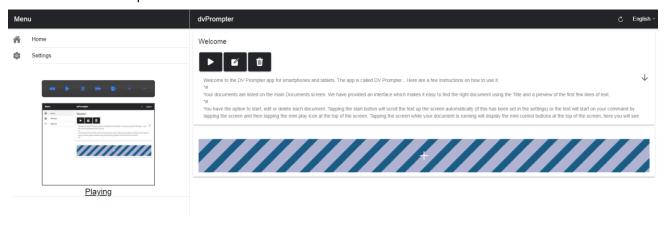
Webui Access: All optionally features are already unlocked on the TP-800.

Network

If your device is connected to a Wi-Fi or Ethernet network you can fully control the app over the network, simply enter the webui address into the web browser of another device on the same network.

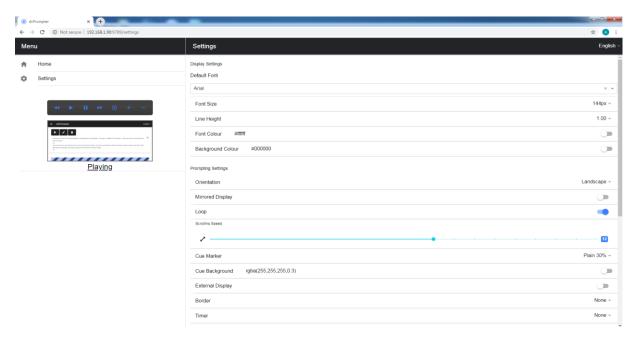


You can see an example of the remote-control interface below.



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Synchronizing Multiple Devices

Via HDMI

The TP-800 features HDMI input and output ports, multiple TP-800 units can be connected in a daisy chain by connecting the HDMI output of one TP-800 to the HDMI input of another. The HDMI **output** port is located next to the Ethernet port.

To use the HDMI input:

- 1. Connect the supplied USB mouse
- 2. Right click to close the dvPrompter Plus application
- 3. Left click the 'HDMI IN' application



4. To exit the 'HDMI IN' application, right click the mouse

Please Note: The scrolling refresh rate will be reduced when driving external displays via HDMI, you may notice a slight jitter when scrolling at higher speeds.

Via Ethernet

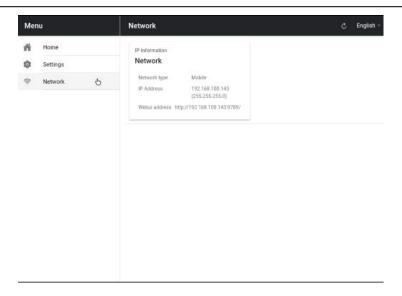
The feature allows you to synchronize the scrolling text on two or more TP-800s via an Ethernet network.

Requirements

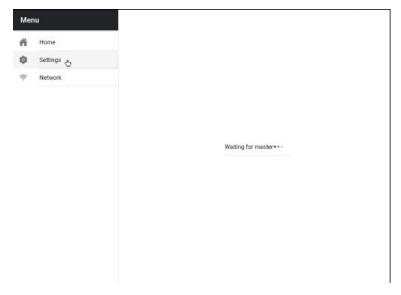
- All devices must be identical for synchronization to work (devices with identical screen heights may work but this cannot be guaranteed).
- Slave devices will place additional load on the master device, the number of slave devices that can be connected is dependent on the performance of the master device.
- All slave devices must be connected to the same local network as the master device.

Setup Instructions

- The master and slave devices must all have unique IP addresses on the same network.
 We would recommend connecting all TP-800s to a DHCP network/router so that all
 devices are assigned a unique IP address automatically. Please see page 12 for
 instructions on switching the TP-800 into DHCP mode.
- 2. Obtain the IP address of the master device by navigating to the network menu.
- Open the settings menu on the slave device, enable slave mode and enter the IP address of the master.

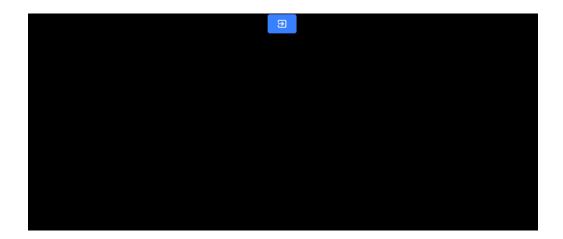


4. Tap home on the menu bar, you will see the screen below while the slave establishes a connection to the master.



5. Once connected the screen will turn white then black, the slave will now mirror the master.

6. To exit slave mode tap the screen then press the blue exit button, the app will close.



Connecting an External Display

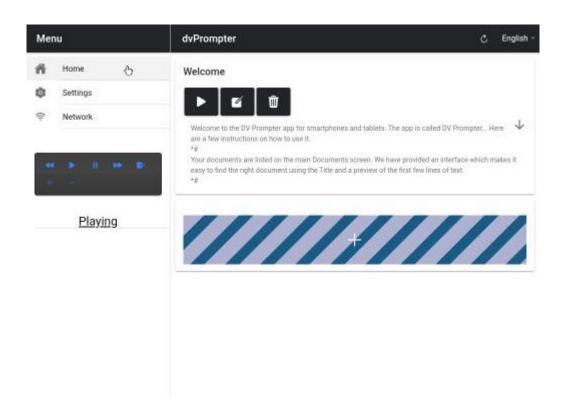
You can connect an external display using the HDMI output on the TP-800. The HDMI **output** port is located next to the Ethernet port.

External Display Setting Disabled (Recommended if using webUl control)

In this mode the external display will mirror the devices screen.

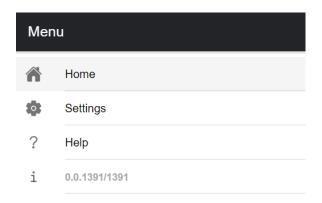
External Display Setting Enabled (Recommended if using USB keyboard and mouse)

In this mode the text will only scroll on the external display leaving the device screen free for script control and editing. The script control options can be access via the menu bar as seen below.

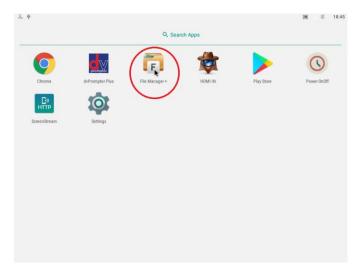


Updating the App

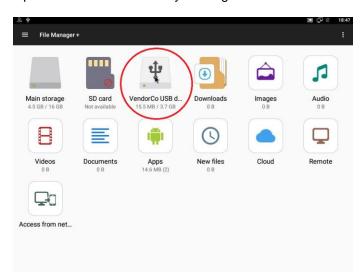
You can download the latest App from www.datavideo.com/product/tp-800. The current App version is shown at the bottom of the menu.



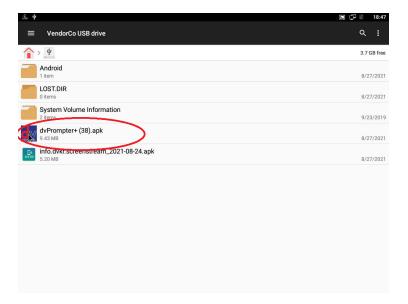
- 1. Download the latest App from www.datavideo.com/product/tp-800
- 2. Copy the downloaded .apk file to the root directory of a USB flash drive
- 3. Connect the USB flash drive containing the file to one of the TP-800s USB ports
- 4. Connect the supplied USB mouse to the other USB port
- 5. Open the 'File Manager +' App by clicking it once



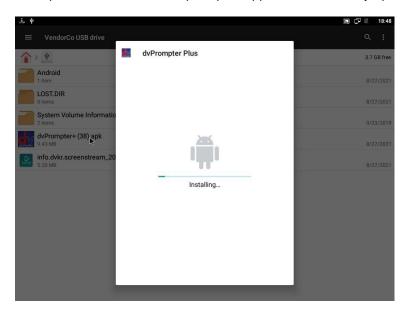
6. Open the USB flash drive by clicking it once



7. Double click the dvPrompter Plus .apk file you downloaded earlier



9. The update will install, the dvprompter App will automatically open when complete



Specifications

Device Used	15" monitor with integrated dvPrompter Plus Software			
	English			
	Dutch			
	Spanish			
	Portuguese			
Multi-language Support	Russian	Russian		
Prompter Size (Max)	Width	43 CM		
	Height	200 CM		
	Depth	41 CM		
	Monitoring and			
Remote Control	Optional WR-50	Optional WR-500 wired hardware remote		
Weight	Net Weight	7.8 KG		
	Gross Weight	8.7 KG		
Operating Temperature	0 – 40°C	0 – 40°C		
Extendable pole height	45 to 161 CM	45 to 161 CM		
	12V 2A DC (Mains adapter supplied)			
Power	V-Lock battery	V-Lock battery		

Service & Support

It is our goal to make owning and using Datavideo products a satisfying experience. Our support staff is available to assist you to set up and operate your system. Contact your local office for specific support requests. Plus, please visit www.datavideo.com to access our FAQ section.



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