

recordex [™] **SimplicityTouch**
Interactive Flat Panel

Owner's Manual

ST-650U (Gen3), ST-700 (Gen3), ST-750U (Gen3), ST-840U (Gen3)

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Child Safety

It makes a difference how and where you use your flat panel display!

As you use enjoy your new product keep these safety tips in mind.

The Issue

Interactive Flat Panels (IFP) are popular purchases. However, IFPs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making classroom technology and home entertainment enjoyable and safe. IFPs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.

Tune Into Safety

- One size of IFP stand does not fit all. Use only a IFP stand rated for the weight of your IFP.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children climb on or play with entertainment system furniture and IFPs.
- Don't place IFPs on furniture that can easily be used as steps, such as a crate or chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" IFP.
- Make sure that you place or install the IFP where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.



Wall Mounting

- If you decide to wall mount your IFP, always remember:
- One size of wall mount does not fit all. Use only a wall mount rated for the weight of your IFP and that has been recommended by this IFP manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your IFP.
- Follow all instructions supplied by the IFP and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your IFP, get help from a professional installer.
- Make sure that the wall where you are mounting the IFP is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.
- IFPs can be heavy. At least two people are required for safe wall mount installation.

Important Safety Precautions



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your IFP. This label is located on the back of your IFP.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your IFP.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, or bracket rated to meet the weight of the product. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The wall plug is the disconnecting device. The plug must remain readily operable.
16. Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.
17. The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.



Warning

Electric Shock Hazard

To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians. Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.

Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Handling the LCD Panel

- Your IFP's screen is made of glass. Do not drop your IFP or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Replacement Parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

Safety Check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your IFP is in correct operating condition.

Power Source

Operate your IFP only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company. Operate your IFP only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

Servicing

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Caution

Damage Requiring Service

Unplug this IFP from the power outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into your IFP.
- If your IFP has been exposed to rain or water.
- If your IFP does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your IFP to its normal operation.
- If your IFP has been dropped or damaged in any way.
- When your IFP exhibits a distinct change in performance.

Mobile Phone Warning

To avoid interference with your IFP picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the IFP.

End of Life Directives

Your IFP may contain materials that are regulated for environmental reasons. Your IFP also contains materials that can be recycled and reused. To help protect the environment, contact your local authorities for information about disposal or recycling and about finding a recycler in your area before you dispose of your IFP.

Non-Active Pixels

The LCD panel contains almost millions of thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your IFP, and are not considered defects

Legal Notices

FCC Statement

1. 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.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. 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 into 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.

Warranty

LIMITED 5-YEAR WARRANTY RECORDEX USA SimplicityTouch IFP (“Product”)

What is my warranty? Recordex warrants to the original purchaser (“You”/“Your”) only that the Product will be free from defects in material and workmanship under normal use for a period of five (5) years from the date of original purchase* (see note below).

How long does this warranty last? Five (5) years from the date of the original purchase*.

What is the typical warranty process? A service technician will attempt to resolve the problem by phone and or email. If the problem appears to require a replacement component or a replacement panel then the following will occur:

- Within 48-72 hours (2-3 business days) a technician will be dispatched on site with necessary parts to repair the panel.
- If the panel is unable to be repaired on site then a replacement panel will be installed and the defective panel removed from the school/site.

Who is responsible for Shipping? Recordex is responsible for picking up defective product from your school or business. Shipping expenses are only covered under warranty to the 48 contiguous United states. You are responsible for shipping, if necessary, to Alaska, Hawaii and any address outside of the United States. If the Product is repaired out of warranty then you are responsible for shipping both ways.

What must I do to obtain warranty service? To obtain warranty service please contact Recordex's Customer Service Center at 888-712-0278 and support@recordexusa.com or contact your authorized Recordex Integrator/Installer for assistance in filing a warranty claim. You will receive instructions on how to properly return your product for authorized warranty repair. In order to receive warranty service you must be able to provide an original receipt or invoice for the purchase of your Product.

What are the limitations? Recordex's warranty shall not apply: (i) to any Product subjected to accident, misuse, neglect, alteration, acts of God, improper handling, improper transport, improper storage, improper use or application, improper installation, industrial or commercial use, improper testing or unauthorized repair; or (ii) to cosmetic problems or defects that result from normal wear and tear under ordinary use, and do not affect the performance or use of the product. If the Product develops a covered defect within the warranty period, Recordex will, at its option, either repair or replace the Product at no charge, provided that the Product is returned during the warranty period and this is your exclusive remedy and the entire liability of Recordex under this warranty. No warranty is made or implied as to the effectiveness or suitability of this product for your purposes.

THE ABOVE STATED WARRANTY IS EXCLUSIVE AND REPLACES ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. RECORDEX WILL NOT BE HELD LIABLE FOR ANY OTHER DAMAGES OR LOSS INCLUDING INCIDENTAL OR CONSEQUENTIAL DAMAGES AND LOSS OF PROFITS OR REVENUES FROM WHATEVER CAUSE, INCLUDING BREACH OF WARRANTY OR NEGLIGENCE.

*If the product is installed by an authorized Recordex integrator/installer the warranty period starts on the date the installation of the SimplicityTouch is approved by authorized party. (I.e. Authorized Recordex Integrator or Installer installs SimplicityTouch and authorized School District personnel signs-off on installation.)

Important Notices

About Location & Environment

Do not use in hot and cold rooms (locations)

When the unit is used in rooms (locations) with low temperature, the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.

Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, or in high humidity, as this may cause the cabinet to deform and the screen to malfunction, and affect the IFP's performance .

Environmental conditions:

Operating temperature:	5°C – 35°C (41°F – 95°F)
Operating humidity:	20 – 80 % (no moisture condensation)
Storage temperature:	-15°C – 45°C (5°F – 113°F)
Storage humidity:	10 – 80 %
Atmospheric pressure:	86 kPa ~106 kPa

About After-Image

The extended use of fixed image program material can cause a permanent after-image on the screen.

This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible screen deterioration can be limited by observing the following steps:

- A. Reduce the brightness/contrast setting to a minimum viewing level.
- B. Do not display the fixed image for extended periods of time.
- C. Turn the power off when not in actual use.

Important Information Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays.

Do not allow a still picture to be displayed for an extended period, as this can cause a permanent after-image to remain on the screen. Examples of still pictures include logos, video games, computer images, teletext and images displayed in 4:3 mode.

CAUTION:The permanent after-image on the screen resulting from fixed image use is not an operating defect and as such is not covered by the warranty. This product is not designed to display fixed images for extended periods of time.

About Cleaning & Maintenance

(ALWAYS UNPLUG UNIT BEFORE CLEANING!)

To clean this unit, wipe with a soft, dry cloth.

Clean the cabinet with a soft, lint-free cloth. If the cabinet is especially dirty, moisten a soft, lint-free cloth in a weak detergent solution, squeeze the excess moisture from the cloth, then wipe the cabinet with the cloth. (ALWAYS UNPLUG UNIT BEFORE CLEANING!)

- Use a clean cloth to dry the cabinet.
- Use eyeglass cleaner to remove stubborn dirt from the screen.
- Never use alcohol, paint thinner or benzine to clean this unit.

Carrying or Moving the IFP

- When you move the IFP, hold the frame of the IFP.
- Be aware of the danger or harm which may be caused by carrying or moving the IFP, as the bezel is very thin.
- When transporting, do not subject the unit to shocks or vibration, or excessive force.

Selecting a Location

You should select a location for the IFP that meets the following conditions:

- Direct light does not reflect on the screen;
- There is close access to a grounded power outlet;

NOTE: Watching an IFP in a room with total darkness or with a reflection on the screen may cause eyestrain.

Remote Control Use, Maintenance & Batteries

Remove remote battery cover, install two AAA batteries making sure to match the + and - symbols on batteries to symbols in the battery compartment and then replace the cover.

Improper use of batteries can result in a leakage of chemicals and/or explosion. Be sure to follow the instructions below:

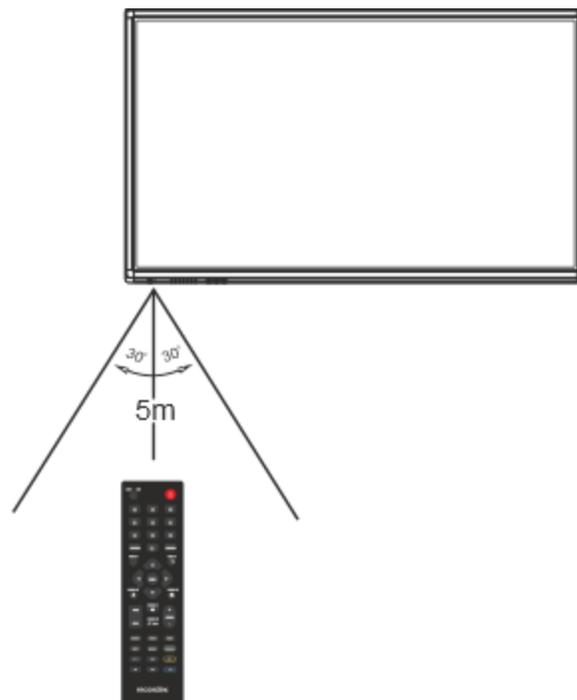
- Place batteries with their terminals corresponding to the (+) and (-) indications.
- Different types of batteries have different characteristics. Do not mix batteries of different types.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries and/or cause old batteries to leak chemicals.
- Remove batteries as soon as they are non-operable. Chemicals that leak from batteries can cause a rash. If chemical leakage is found, wipe with a cloth.
- Dispose of batteries in a proper manner.

- If the remote control is not used for an extended period of time, remove the batteries.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Use the remote control by pointing it towards the remote sensor on the front of your IFP. Objects between the remote control and the remote sensor may prevent proper operation.

Cautions regarding use of remote control:

- Do not expose the remote control to shock. In addition, do not expose the remote control to liquids, and do not place in an area with high humidity.
- Do not install or place the remote control under direct sunlight. The heat may cause deformation of the unit.
- The remote control may not work properly if the remote sensor window of the main unit is under direct sunlight or strong lighting. In such a case, change the angle of the lighting or the IFP set, or operate the remote control closer to the remote sensor window.



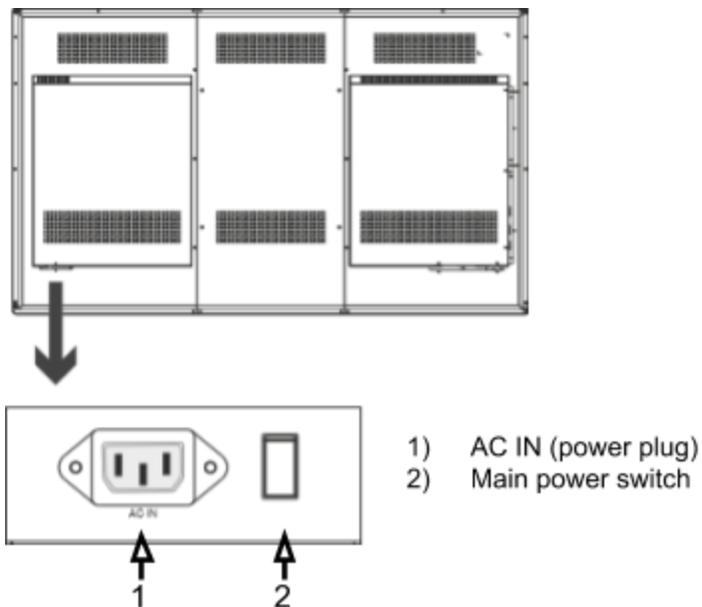
Powering On the Panel

Make Power Connection

The panel has a main power switch located at the rear underside of the cabinet.

- Connect the panel to a grounded 110-120V electrical outlet using the supplied power cord.

NOTE: It is recommended to use a surge protector power strip rated for use with electronics devices.



Turn the Panel On

The panel has two power switches:

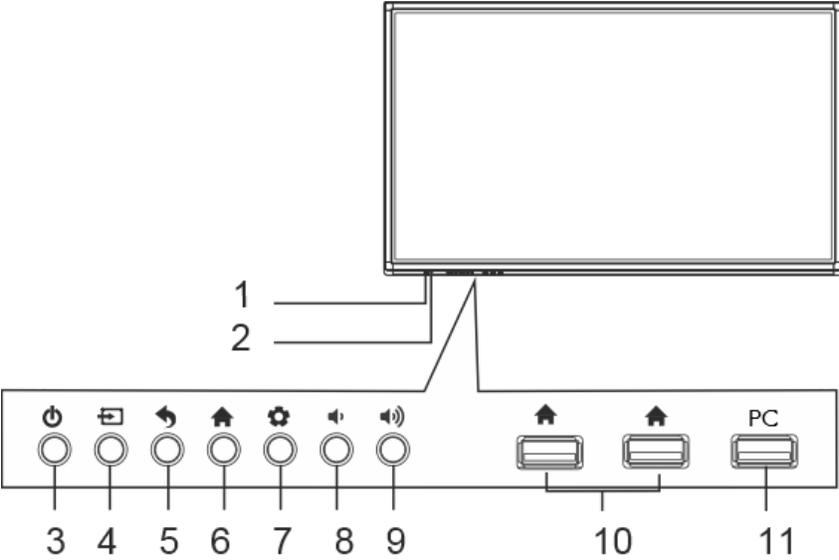
- **Hard power switch.** The first is the main power switch located next to the AC IN (power plug). This is located in the back of the panel (see image above). This switch must be in on position to operate the panel. When this is in the on position the Power Indicator light will dimly glow red.
- **Soft power switch.** The second power switch is located on the front edge of the cabinet. This is the power button used for day to day operation. This will power the panel out of standby mode and into operating mode. When the panel is in operating mode the Power Indicator light will glow blue.

NOTE: If the panel will not power then make sure that the panel is plugged in and that the hard power switch is in the on position, then press the soft power switch on front of panel.

Identifying the Controls

Front Controls

The controls on the front of panel are also included on the remote control. Below is a brief description of each control.



No.	Description
1	Power Indicator LED (red=standby mode; blue=operating mode).
2	Remote Control IR Sensor.
3	Power Button. This toggles the panel between standby and operating mode.
4	Input Button. This brings up the on-screen menu for selecting the display input.
5	Back Button. Use this to exit on-screen menus and navigate the home screen.
6	Home Screen Button. This switches the panel to the internal operating system.
7	Settings Button. This opens TV settings when pressed from an input screen. It opens wallpaper and widget options when pressed from the home screen.
8/9	Volume Up and Volume Down Button.
10	Home Screen USB 2.0 ports. Use these to connect USB devices to the Home Screen environment.
11	USB 2.0 Port. This port is not used in your model.

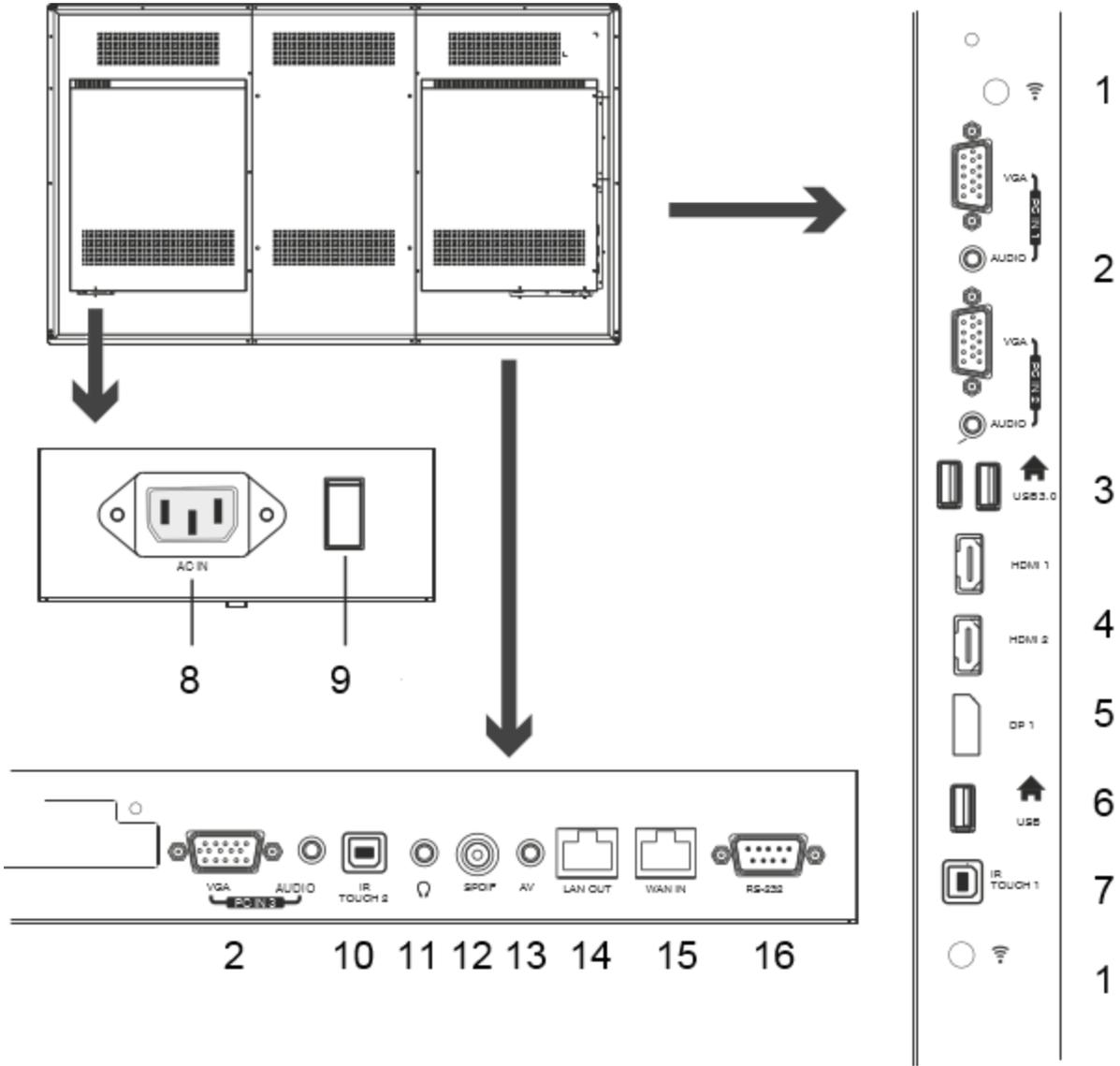
Remote Control

The remote control communicates with the panel via IR which requires a line of sight to work properly. It is important to point the remote in the direction of the IR receiver located next to the Power Indicator LED on front of the panel.



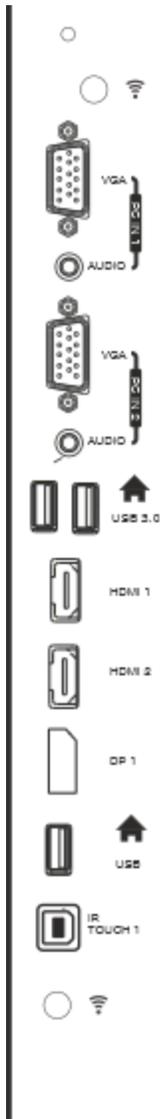
Identifying Inputs and Outputs

The SimplicityTouch comes with many input and output options for making connections to a wide array of devices. This image shows all the of jacks and connections and their location on the panel. The following pages contains a brief explanation of each input/output connection.



Side Connections (inputs and outputs)

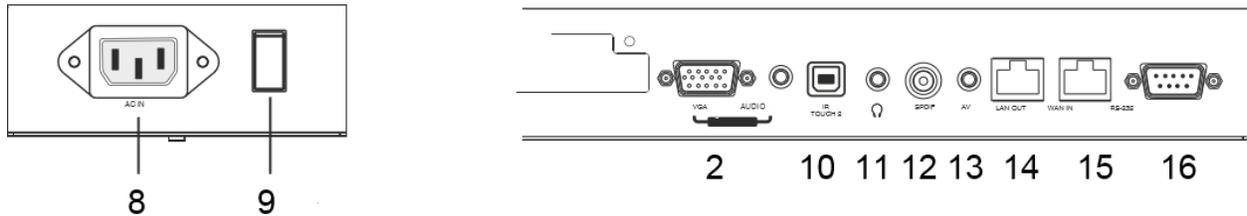
These inputs are located on the left edge of the cabinet.



No.	Description of connection
1	Wifi antenna connection. Attached supplied wifi antennas here if connecting panel to a wireless network.
2	PC IN 1 & PC IN 2. Each PC IN port consists of a VGA connection and a PC audio (3.5mm) connection. Use this connection if connecting a computer using VGA cable. <i>Note: preferred connection is by HDMI.</i>
3	USB 3.0. These ports are used for connecting USB 3.0 devices to the panel. (i.e. USB flash drive, optional keyboard)
4	HDMI 1 & HDMI 2. The HDMI ports are the recommended connection to use when connecting your computer or other A/V devices. The HDMI port transmits both audio and video signal.
5	DP 1. This is a Display Port. This is another good option for connecting a computer or other device that supports Display Port connector for audio and video.
6	USB 2.0. This USB port is for connecting USB 2.0 devices to the home screen environment (i.e. USB flash drive)
7	IR Touch 1. This is the primary touch output. Connect the panel to your computer using this port and the supplied USB cable to enable touch screen control of your computer from the SimplicityTouch screen. <i>Note: The panel is equipped with two touch output connections. Refer to page 42 for instructions on how to configure panel for dual touch.</i>

Bottom Connections (inputs and outputs)

There are additional inputs and outputs located on the bottom edge of the panel.



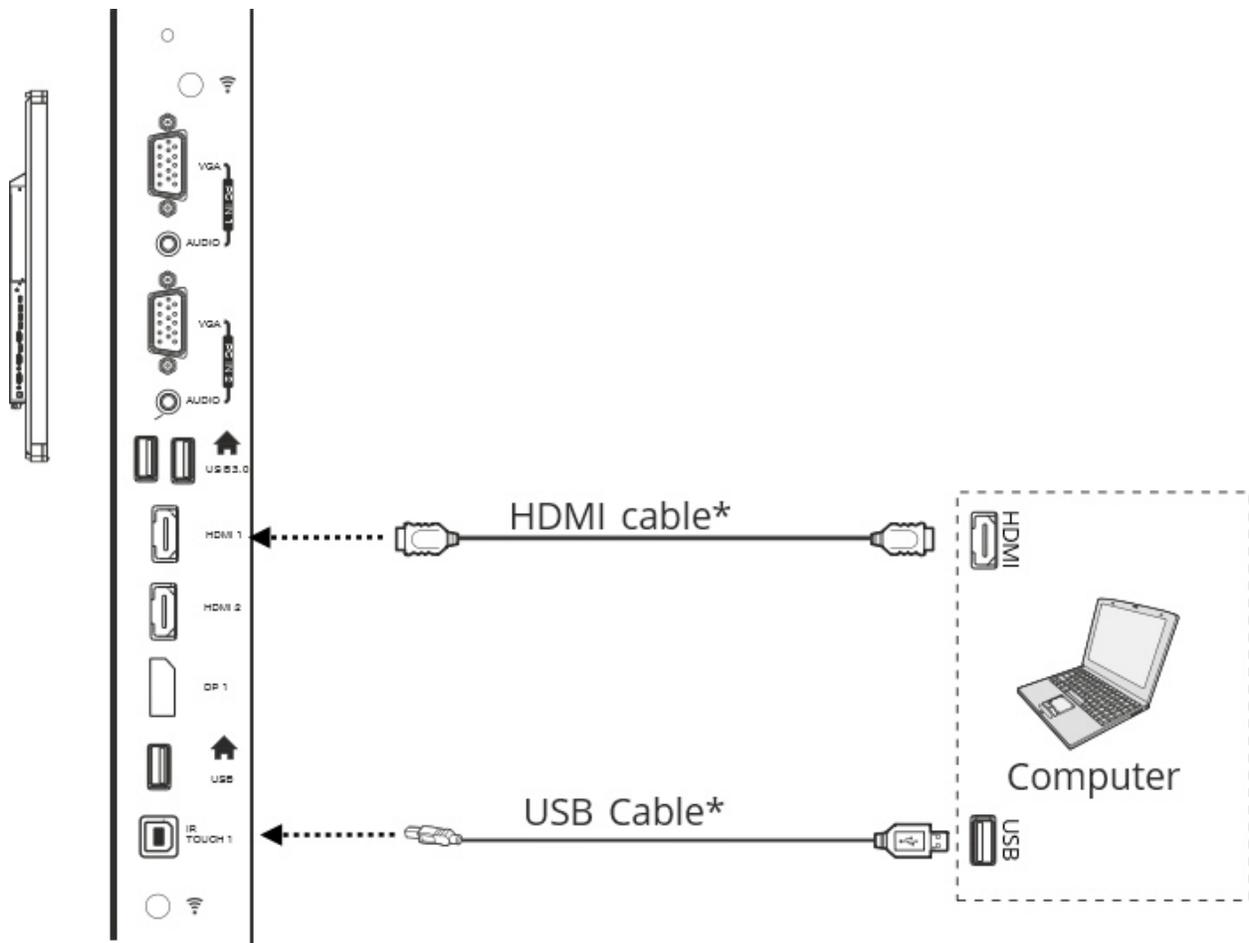
No.	Description of connection.
2	PC IN 3. The third PC input consists of a VGA port and a PC audio (3.5mm) input. NOTE: The PC Audio jack for PC IN 3 can also be used optionally as a mic-input. For instructions on how to connect a mic to the panel contact Recordex technical support.
8	AC IN. The main power jack for the panel. Connect to a grounded 110-120V power outlet. NOTE: It is recommended to use a properly rated surge protector strip with the panel to protect from power surges.
9	Main Power Switch. This is the main power switch. This switch must be on in order to operate the panel. After this switch is on the soft power button on the front control panel can be used to switch panel from standby mode to operating mode.
10	IR Touch 2. This is the second USB connector for IR touch control. By using this port two devices can be connected to panel at all times and the touch control will be switched between devices according to how the panel is set up. <i>See page 42 for more information regarding configuration of dual touch.</i>
11	Headphone Out. Connect headphones here. Be careful that volume is not too high before connecting headphones.
12	SPDIF Digital Out. This port provides digital audio out via SPDIF connection.
13	AV Input. Use the included adapter to connect an AV device (i.e. DVD Player) using Yellow/Red/White RCA connectors to the panel's 3.5 mm AV input jack.
14	LAN Out. This jack is not typically used. It can be configured to pass through network connectivity to another device.
15	WAN In. Connect the panel to your local network using the WAN in port. <i>See page 45 for instructions on configuring the panel for wired connection.</i>
16	RS232 Port. Control the panel via RS232 control commands. <i>See page 45 for more information.</i>

Connecting Your Computer

The SimplicityTouch provides multiple options for connecting your PC to the panel: HDMI, VGA and Display Port. HDMI is the most common, and preferred connection.

Connecting with HDMI Cable

HDMI is the preferred method for connecting your PC to the SimplicityTouch. Use the supplied cable to make the connection from your PC to the Panel. Next, you'll want to connect your PC to the IR TOUCH 1 port on the panel using the included active USB cable. Note, using other cables or using wall plates with the USB connection may cause intermittent or total loss of touch function.



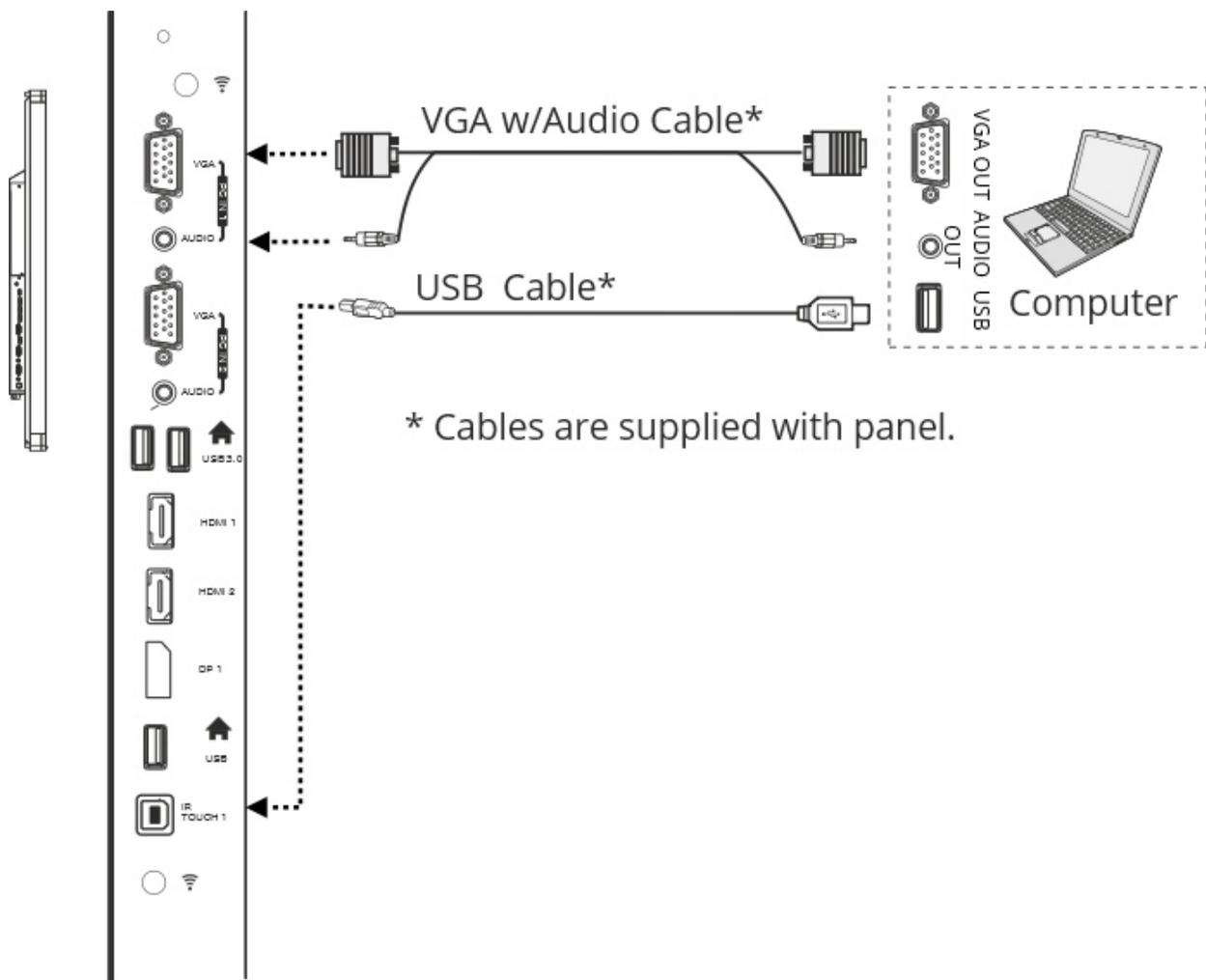
* Cables are supplied with panel.

Connecting with VGA Cable

If your PC does not have an HDMI port then you can use VGA to connect to the panel.

NOTE: When using VGA cables you may not be able to output at true HD (1920x1080) resolution. Also, when using a VGA cable you'll need to additionally connect to your PC using the PC Audio cable. The VGA cable we supply includes the PC audio cable.

Next, you'll want to connect your PC to the IR TOUCH 1 port on the panel using the included active USB cable. Note, using other cables or using wall plates with the USB connection may cause intermittent or total loss of touch function.



Tips Regarding Resolution Settings and Fitting Picture on Screen

1920x1080 is the best screen resolution to use when projecting from your computer onto the SimplicityTouch. If your computer can not support 1920x1080 then use 1280x720 or 1376x768 as alternate resolutions.

If the image from your computer does not fill the entire display area then the touch function will not be calibrated properly. To ensure the image fills the screen completely follow these tips:

1. Use 1920x1080 screen resolution (or other HD format resolution)
2. Press the ZOOM button on the remote control slowly to cycle through picture size options until the image fills the screen entirely. Typically 16:9 or Just Scan is the best setting. On some models you will use P2P option.



Freeze and Snap Function

The remote control is equipped with a freeze and a snap button. These are useful tools.

- The FREEZE button will freeze the display. Pressing the button again will un-freeze the display. This is helpful if you need to temporarily do something on your computer that you do not want displayed to the room. Freeze the image, then perform the task, then unfreeze the image.
- The snap button will save snapshots of anything displayed on-screen and save it to a USB flash drive. Simply plug in a USB drive into any of the USB ports with the homescreen label and then press the snap button. The snapshots are saved under a screenshots folder on the USB drive.



Tips Regarding the IR Touch USB Connection

When you connect your PC to the IR TOUCH port you are able to control your PC from the SimplicityTouch using your finger or a pen.

Touch on Microsoft Windows & Google Chrome OS

PCs running Microsoft Windows and Google Chrome OS do not require a driver to be pre-installed. Simply make the USB connection and wait for the plug-n-play driver to be installed. It usually only takes a few minutes and then you will have multi-touch capability of up to 10 simultaneous points of touch for drawing.

Touch on Apple OS X

Mac's running Apple OS X will require the pre-installation of a touch screen driver. This is available from our website here: <http://recordexusa.com/simplicitytouchsupport/>

After the driver is installed you can operate the Mac with a single point of touch. Some multi-touch gestures are supported.

Occasionally when using a Mac you will need to calibrate the touch. See this [video](#) for instructions on how to calibrate your SimplicityTouch on a Mac.

Loss of Touch

If you lose touch control follow these troubleshooting steps:

1. Make sure the USB cable is plugged into your PC and the Panel.
2. If you are running OS X make sure the driver is installed.
3. Make sure you are using the cable supplied with the panel.
4. Unplug and re-plug the cable to see if touch is restored.
5. Unplug and try a different USB port on your computer.
6. If the above steps do not work then try a shorter USB cable.
7. If all of the above fail to restore touch then contact tech support: 888-712-0278 or support@recordexusa.com

Advanced Touch Controls

The SimplicityTouch (Gen3 and later) support dual touch output. This means that you can have two devices connected at all times and use the onscreen input menu to switch between devices. For example, you may have a teacher's PC connected to HDMI 1 and IR TOUCH 1, and also a wireless collaboration device (i.e. Vivitek NovoPro) connected to HDMI 2 and IR Touch 2. In this setup you can use the Input to switch between HDMI 1 and 2 and the touch control will also switch between device 1 and device 2. For instructions on how to setup the panel to support this feature refer to page 42 of this manual.

Adjusting the Sound

Your panel may be set to Sound Mode: Mic which will limit the volume at 50%. This is intended to prevent potential feedback if using a classroom mic system. However, many users wish to override this setting. To change the sound mode simply point the remote at the panel and press the S.M. Button to change the sound mode from Mic to Standard. In standard mode the volume is not limited.

To adjust the volume use the buttons on the panel or the buttons on the remote. In the Android mode you can also press the volume button once and then use your finger to drag the volume slider left or right. NOTE: this does not work if you are in HDMI or VGA mode.



Switching Display Inputs

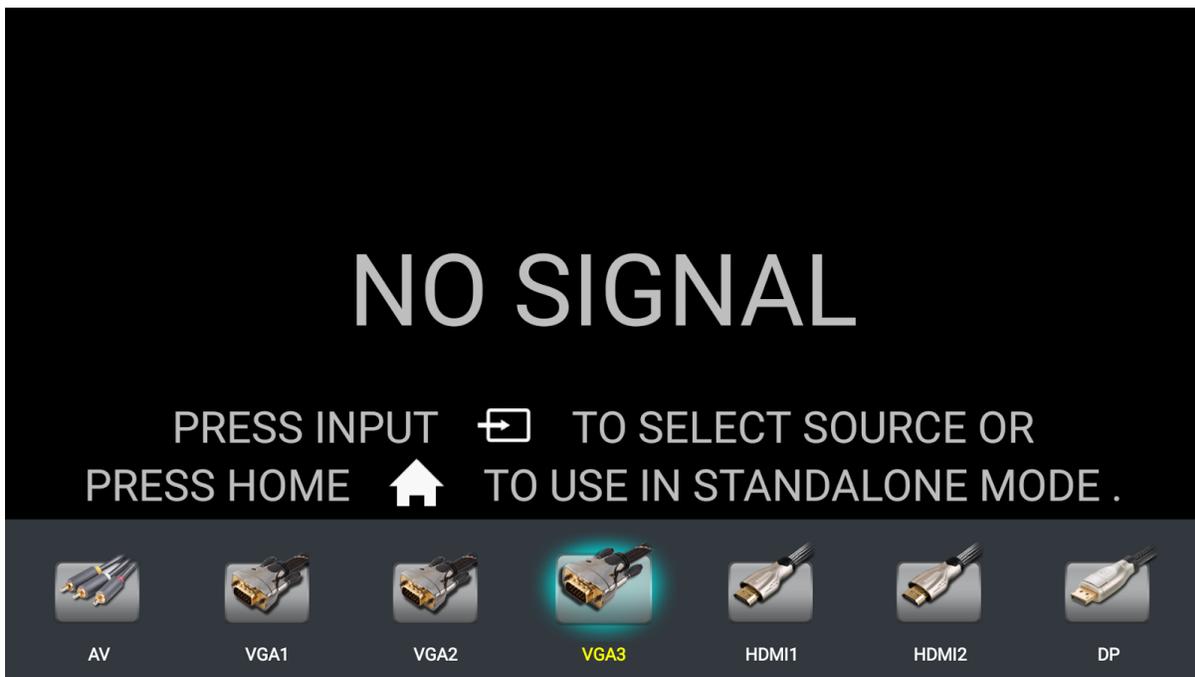
If you have more than one device connected to the SimplicityTouch then you will need to switch inputs in order to view the various devices on screen. To switch inputs press the input button on the front of the panel or on the remote. Then use your finger (or arrows on remote) to select the input you wish to change to. Tapping on the input icon will switch to that input. Or pressing OK with the remote after highlighting the input will switch to that input.

The input button the remote looks like this: 



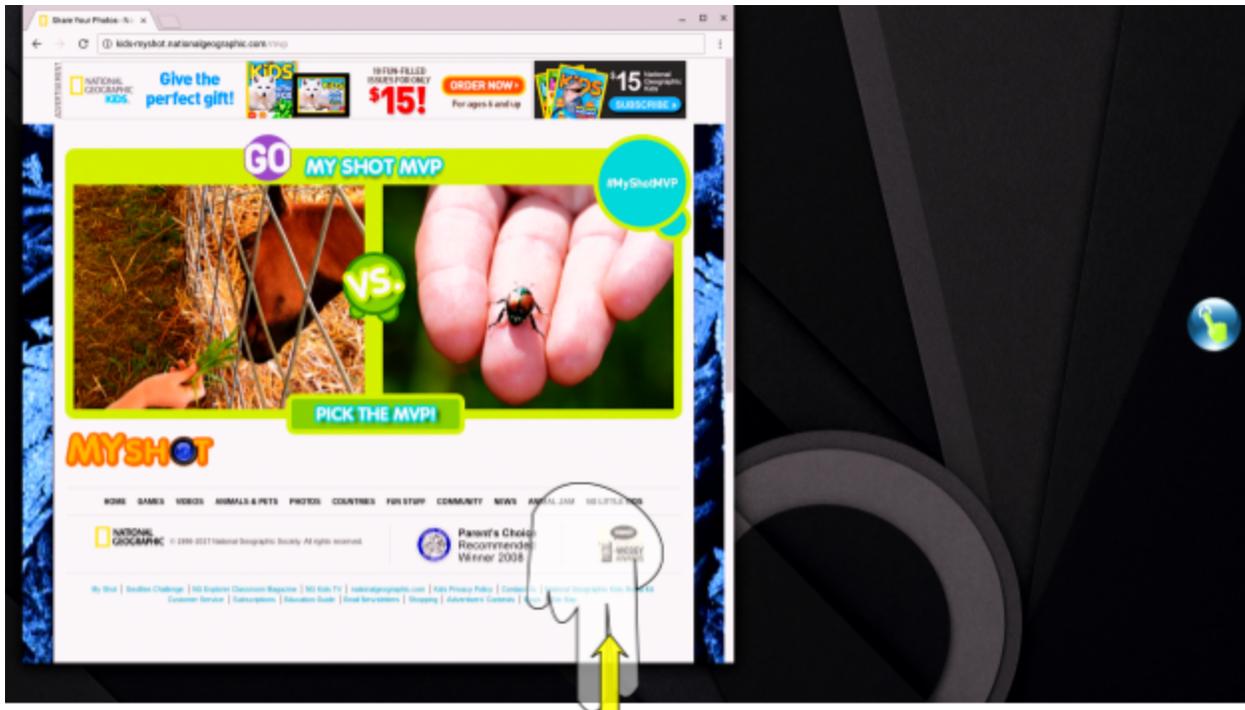
The input button on the front of the panel looks like this:

Pressing Input will bring up this on-screen menu where you can select your input (note, if the input is not visible then scroll to the left or right by pressing and dragging your finger across the icons).



On-Screen Quick Annotation

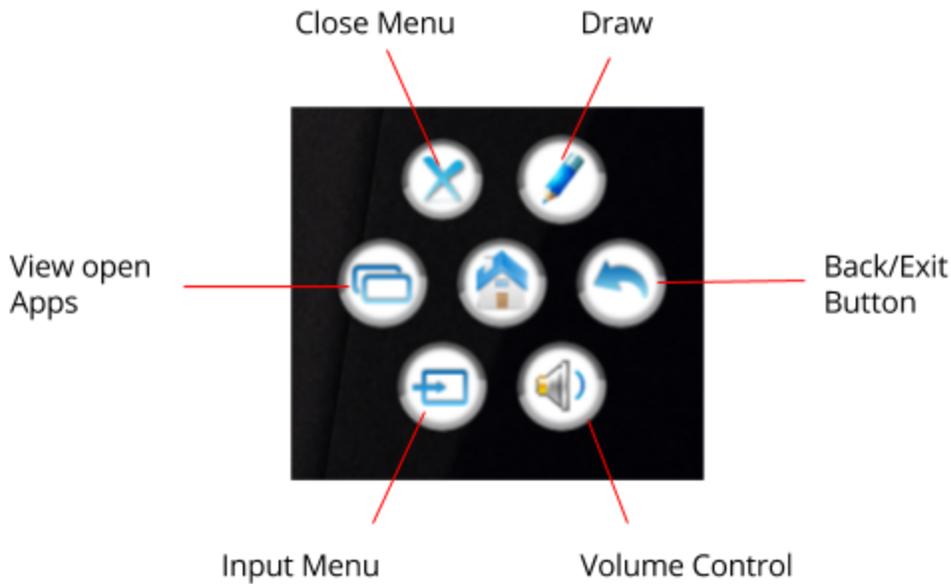
The SimplicityTouch is equipped with a very simple on-screen annotation application that is integrated into the firmware of the panel. This application allows you to draw over any image displayed on the screen without installing any software. To activate the on-screen quick annotation swipe up using two fingers from the bottom middle edge of the screen as depicted below. This will open the floating menu as shown.



Tap on the icon that appears to open the floating window (note, if the floating menu appears 'grayed out' then swipe up from bottom middle edge of screen again to re-activate the menu. Tapping on the icon will open the floating menu tools.

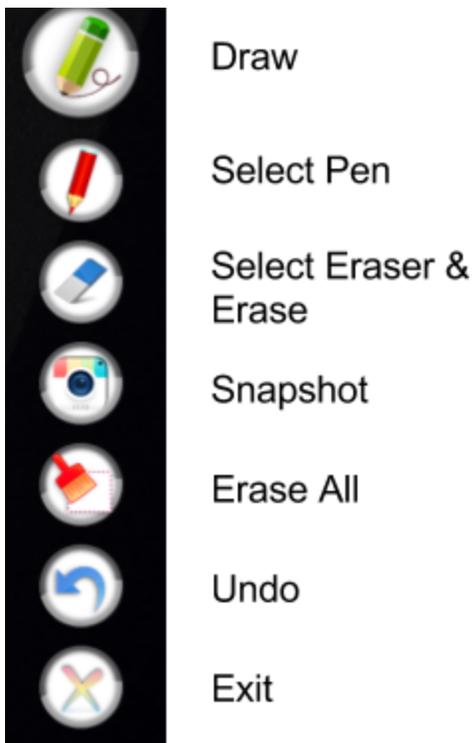
Floating Menu Expanded

The expanded floating menu has 6 buttons. The center button takes you to the homescreen desktop. The other buttons are described below.



Drawing Menu Expanded

The drawing menu offers the following selections.



Bundled Applications

Home Screen

The home screen is where you will access all the applications and features of the embedded Android operation system that is included with your SimplicityTouch. Pressing the Home button on your remote control or on the main button bar on the front of the panel will open the Home Screen. To exit the home screen you press the back button on the remote or the front of panel, or you can press the “back to input” icon at bottom of the homescreen.

Image: Home Screen (navigation)

Clock app. Tap clock to open clock app.



View all installed applications.

Go back to last input (i.e. HDMI 1).

Open XPress White Board App

Open settings menu.

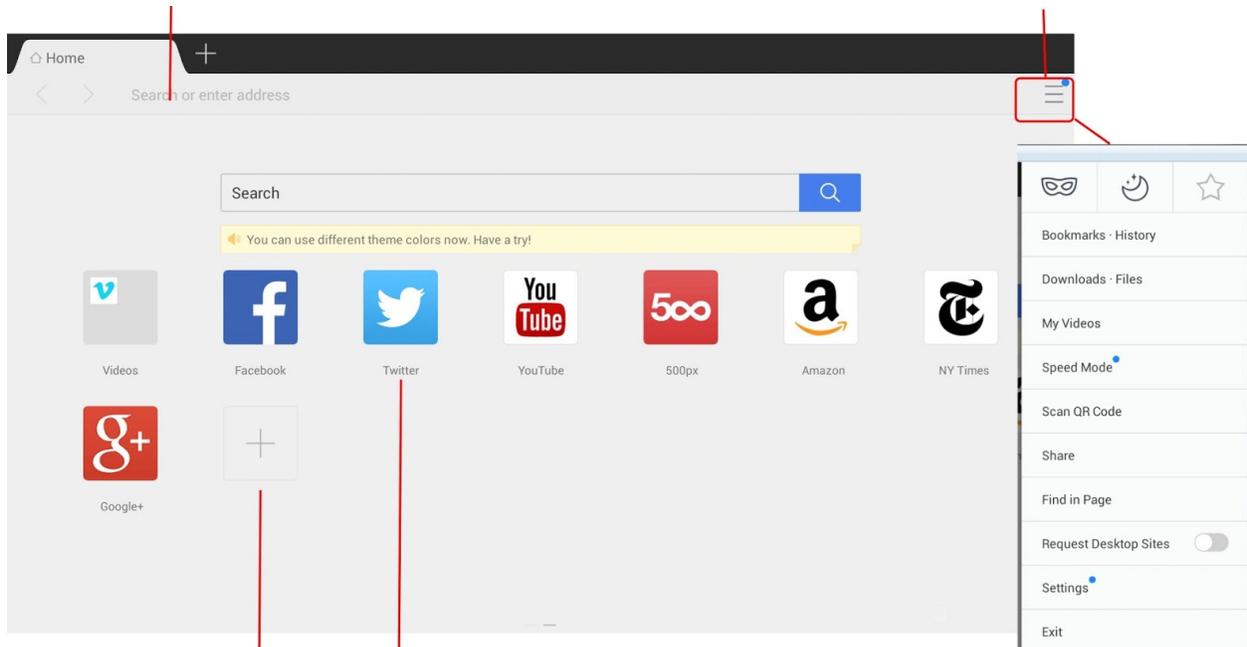
Open web browser.

Open USB Media Player.

Browser

If your SimplicityTouch is connected to the Internet then you can use the Browser application to browse web pages. If your SimplicityTouch is not connected to the Internet see your Network Administrator for help with configuring the internal router on your SimplicityTouch. (See page 45.)

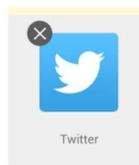
To browse the Internet just open the Browser app and enter a URL in the address bar.



Long press a "Speed Dial" bookmark icon and then click x to delete it.

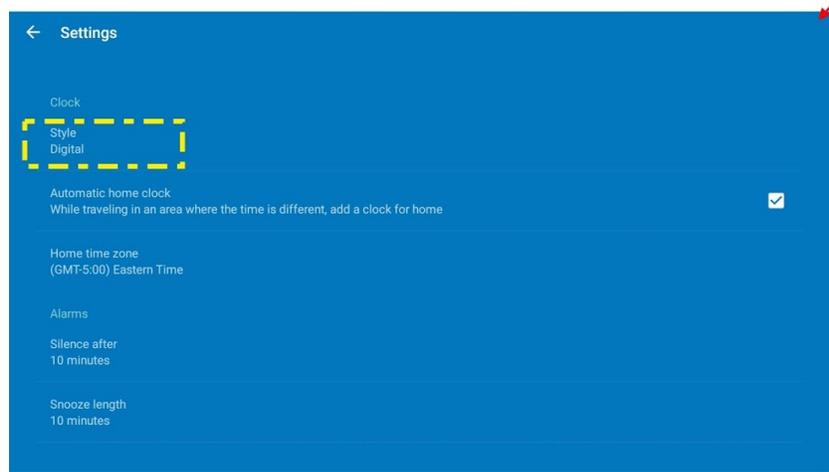
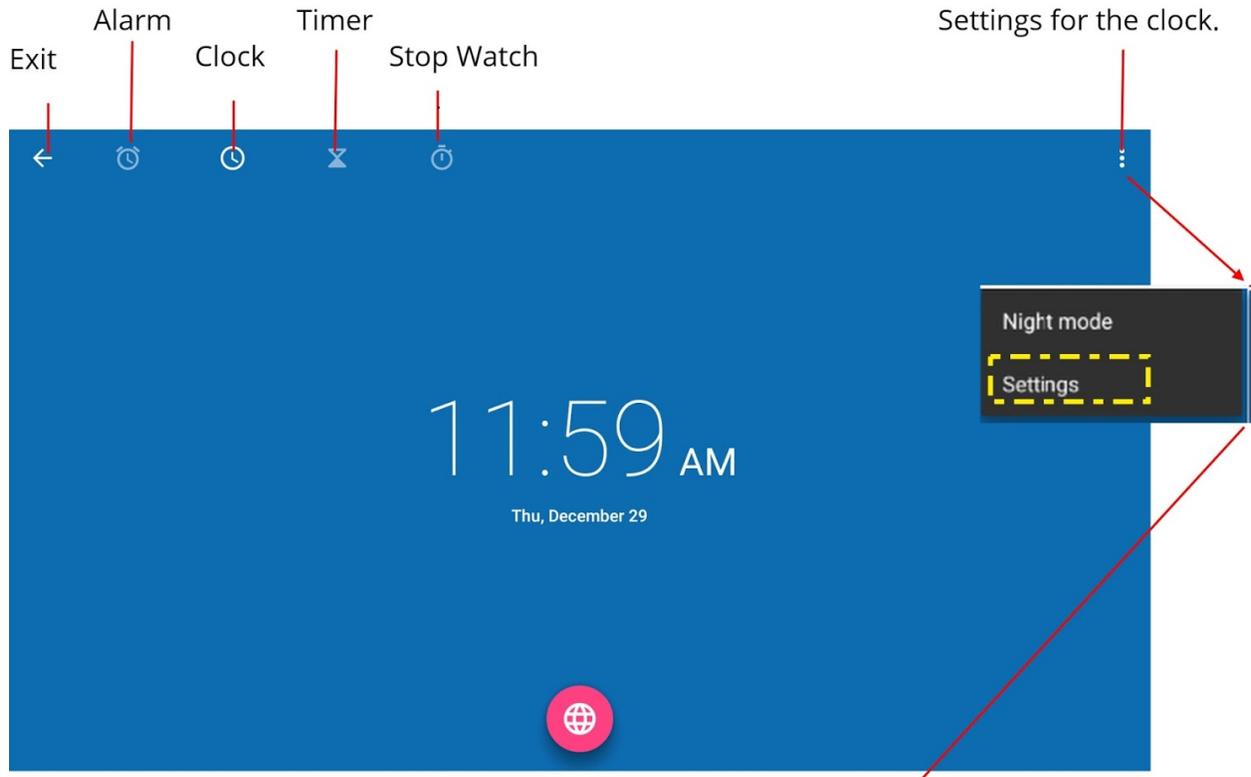
Note: Be careful about logging into cloud accounts on IFP. This could expose your account to students or other users who walk up to the panel while you are not present.

Tap + to create new "Speed Dial" bookmarks.

A screenshot of the 'Add to Speed Dial' form. The form has a title 'Add to Speed Dial' and a 'Name' field with a 'Title' label. Below that is an 'Address' field with the text 'http://'. There is a 'Recommended' section with a globe icon and the text 'Setup Router http://192.168.1.23.254/'. Below this is a 'History' section and a 'Bookmarks' section. At the bottom, there are 'Cancel' and 'OK' buttons.

Clock

The clock application is a handy little app for managing time in the classroom.



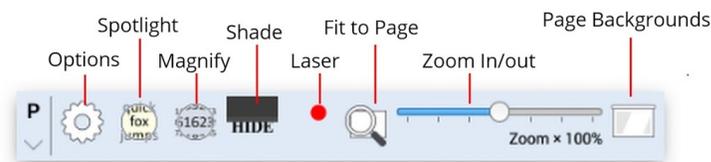
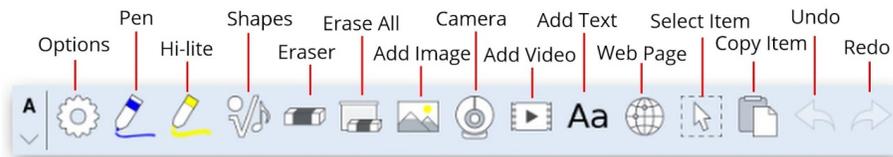
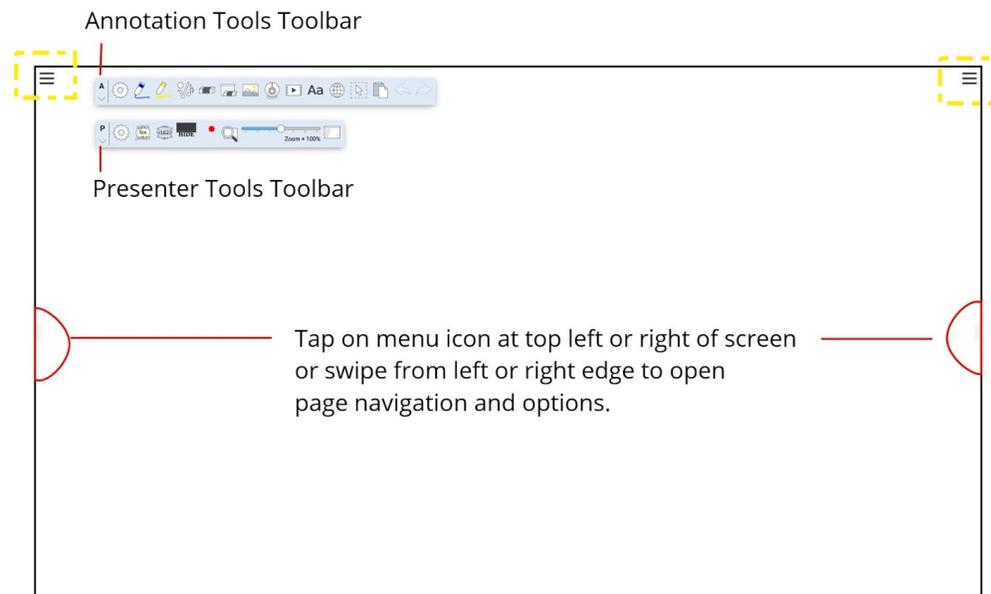
Where you can change the clock from digital to analog and adjust other settings.

XPress Annotation & Whiteboarding Application

XPress is our popular annotation and whiteboarding application. You can create XPress documents using the Mac or Windows version and then open them with the Android version of the application. XPress also supports direct integration with your Google G Suite Drive or Microsoft OneDrive account.

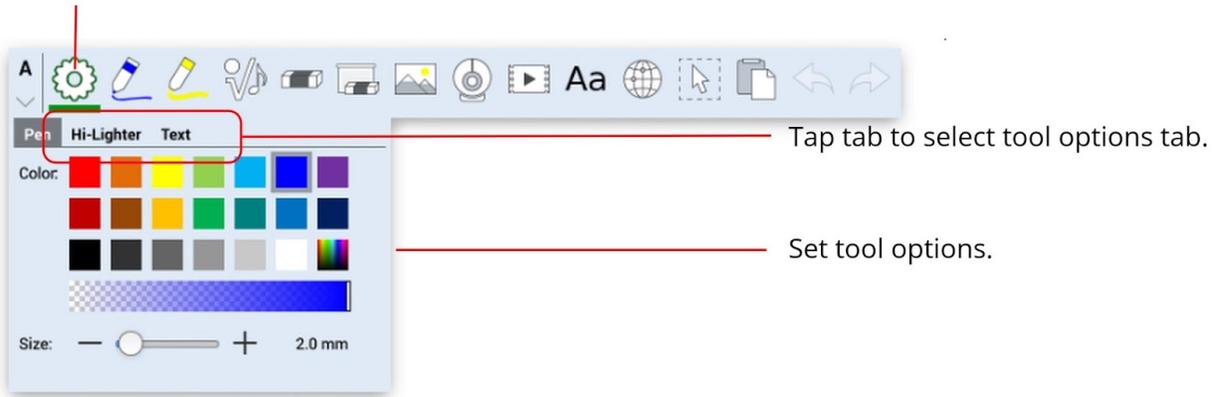
NOTE: XPress is pre-installed on the SimplicityTouch. It is also HIGHLY recommended to install XPress on your PC or Mac computer. The desktop version of XPress for Mac and Windows offers more features and is the optimal environment for creating lesson plans. Download the software [here](#).

XPress User Interface

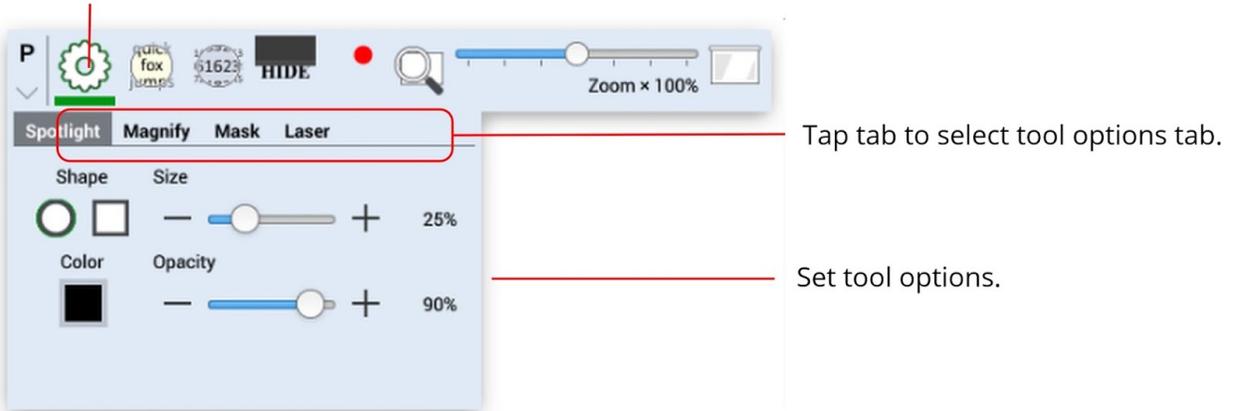


Annotation & Presenter Toolbars

Tap gear to open annotation tools options.



Tap gear to open annotation tools options.

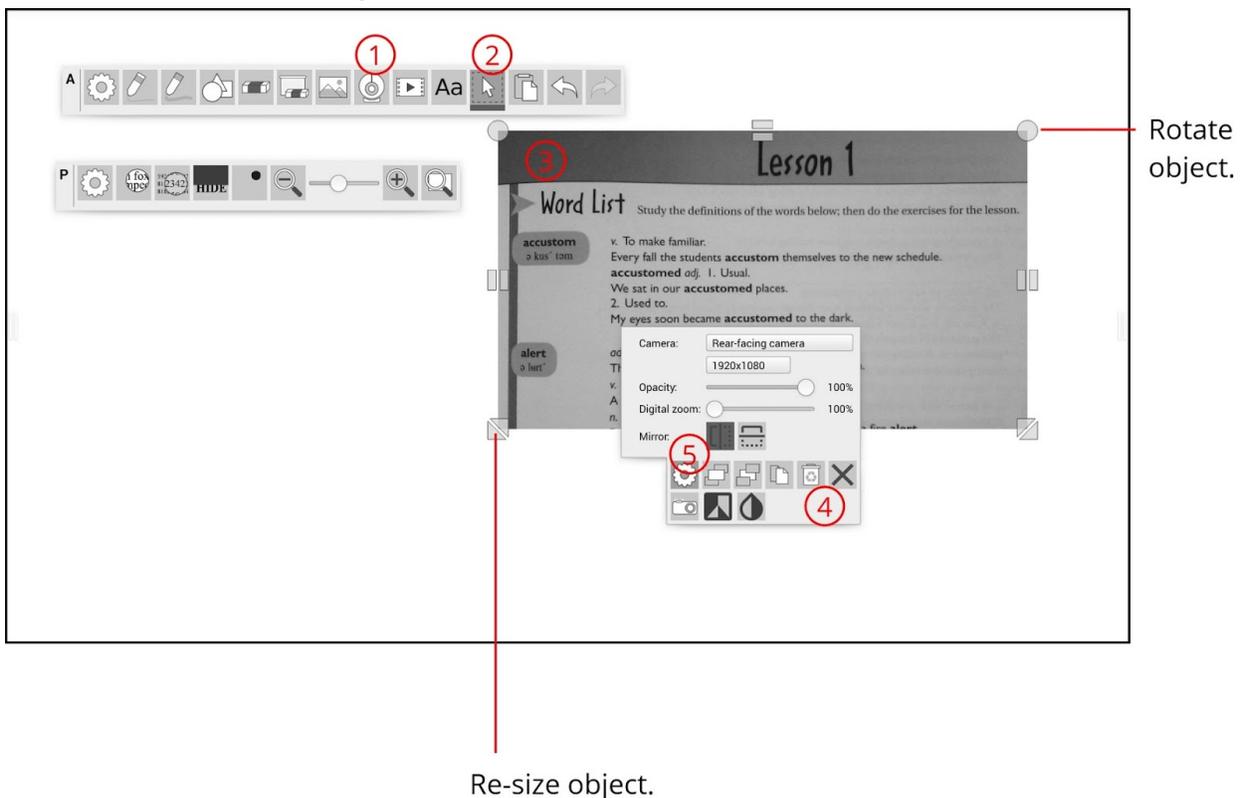


Selecting & Modifying Placed Objects

To select an object after it has been placed on the page use the object/item select tool. Then tap on the object. This will cause the object's context menu to appear.

For example, here we have opened our document camera (1) from within XPress. Next, we will use the select object tool (2) and then tap on the camera object to select it (3). This will cause the camera object context menu to be visible (4). Then we can tap on the gear button (5) to open up additional options for the camera tool. All objects work in a similar way.

When an object has been selected you can use the handles on the outer edge of the object to resize and rotate the object.

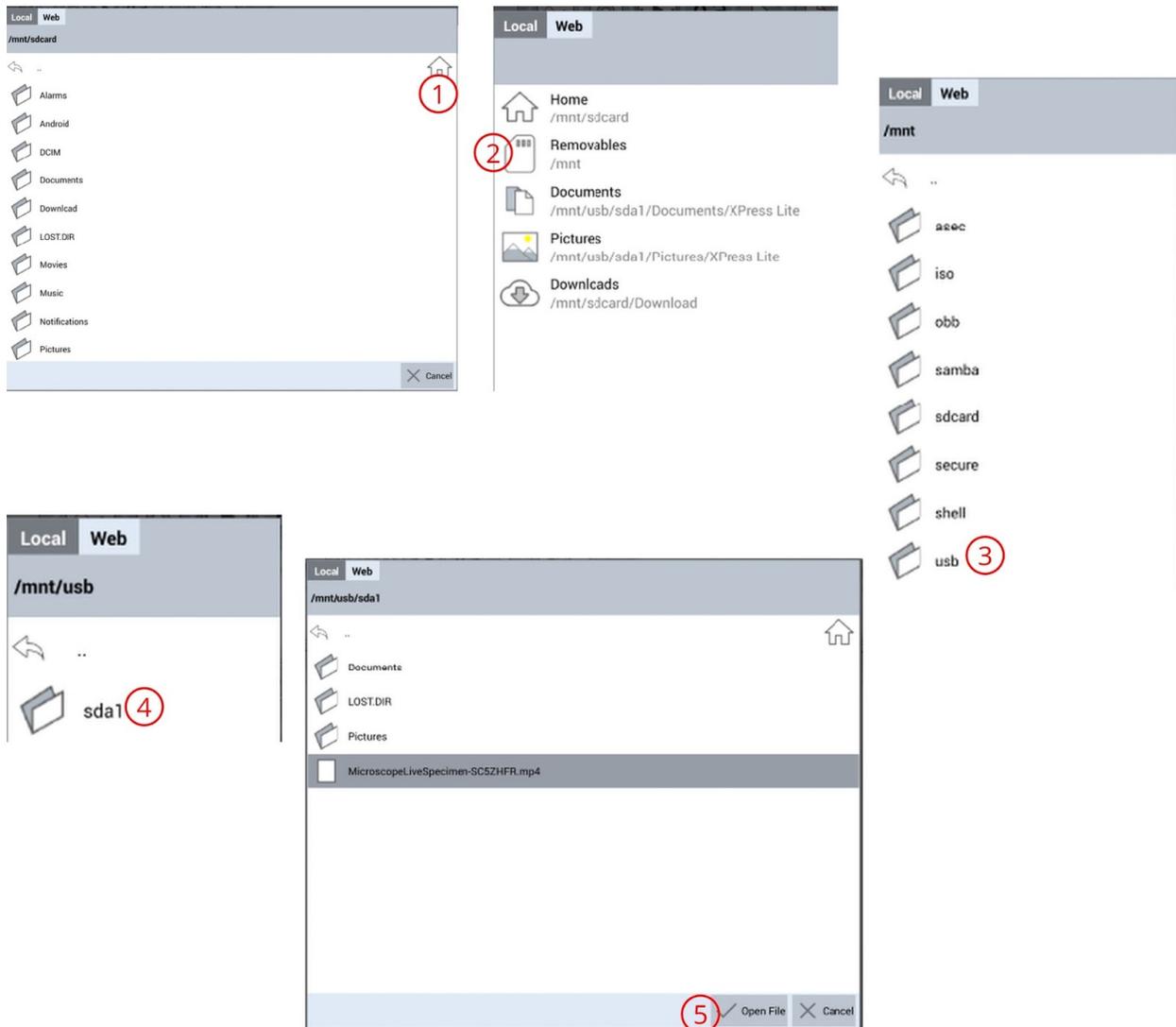


Browsing to Select Images & Video from USB Thumb Drive

You can insert video (MP4) and images (JPG, PNG, GIF) from a USB thumb drive and embed them into your XPress document.

To do this first be sure the files are located on a USB thumb drive and the thumb drive is inserted into the SimplicityTouch.

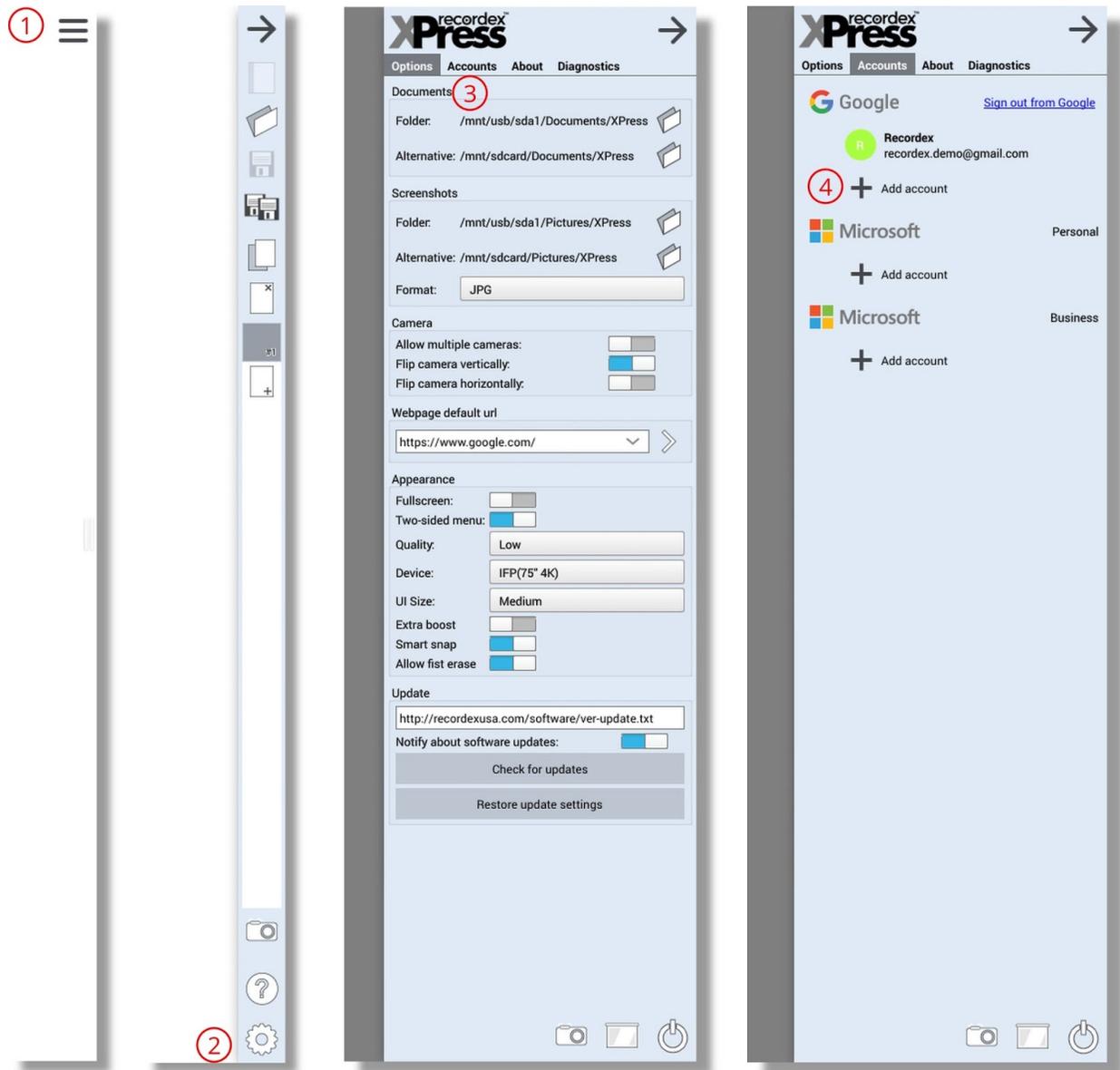
Then use the add image or add video tool. This will launch a file browser that will allow you to select the file from your thumb drive. To find the file on your USB drive Press Home (1), then Removables (2), then usb (3), then sda1 (4), then select your file (it may be in a sub folder) and press Open File (5).



Connect to Google Drive (G Suite) or Microsoft OneDrive (Office365)

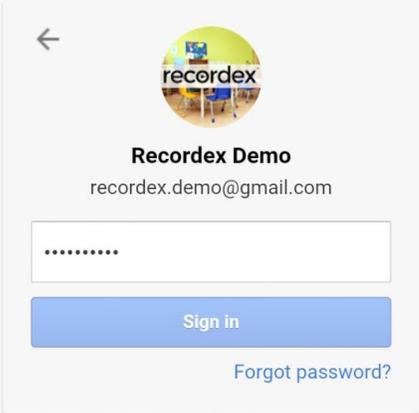
Starting with XPress 2.5 you are able to connect to Google and Microsoft accounts and then embed images or pdf files directly onto the page. Also, use the web-page tool to open Google Drive or OneDrive and then open Google documents and OneDrive documents directly from inside XPress.

(1) tap on menu icon (2) tap on settings gear (3) tap on Accounts tab (4) tap on Add Account.



After selecting add account use the login screen (1) to log into the account and allow permissions (2).

Sign in with your Google Account



1

One Google Account for everything Google



Google recordex.demo@gmail.com ▾

▾ XPress would like to:

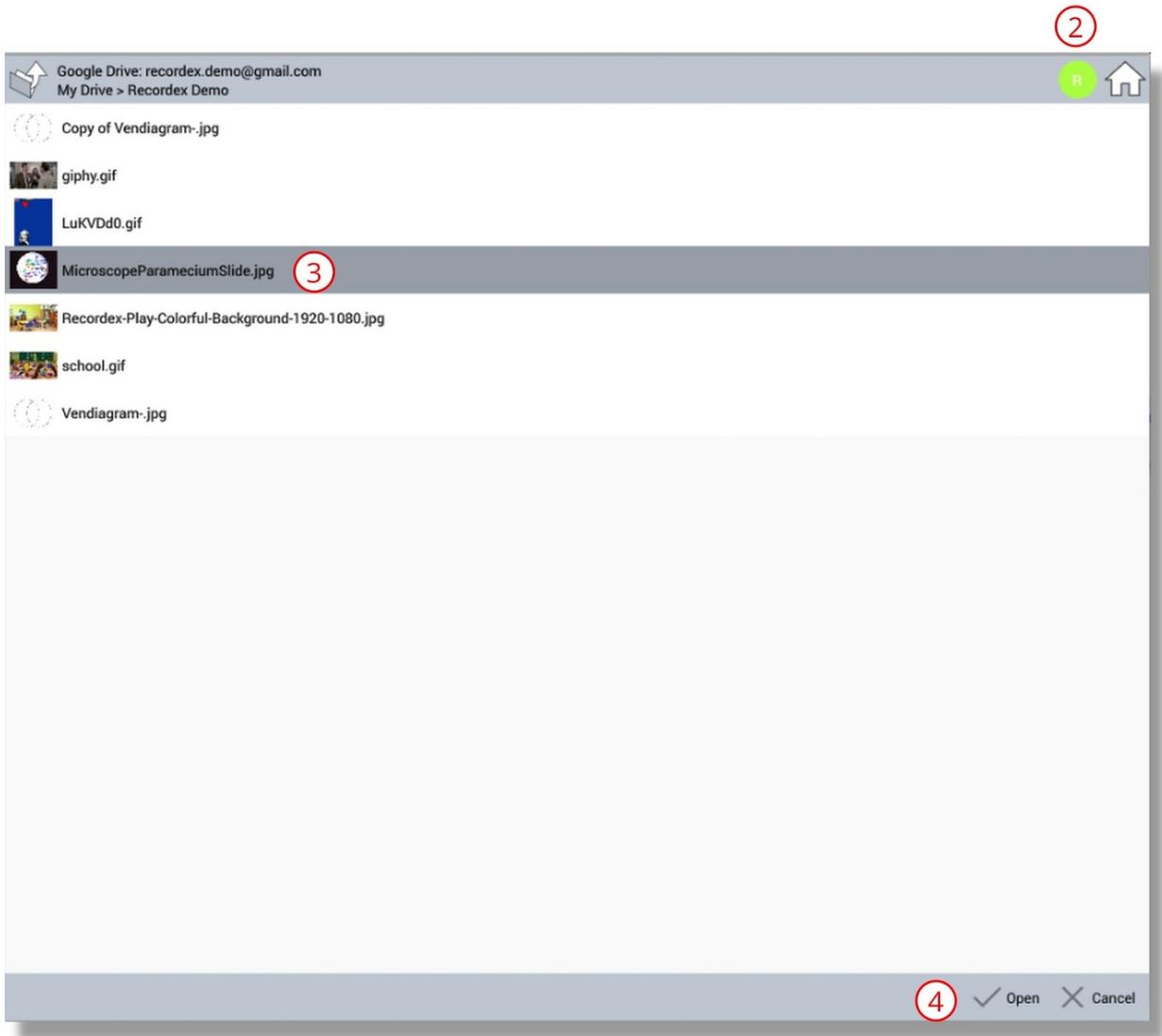
-  View and manage the files in your Google Drive (i)
-  View your email address (i)
-  View your basic profile info (i)

By clicking Allow, you allow this app and Google to use your information in accordance with their respective terms of service and privacy policies. You can change this and other [Account Permissions](#) at any time.

Deny 2

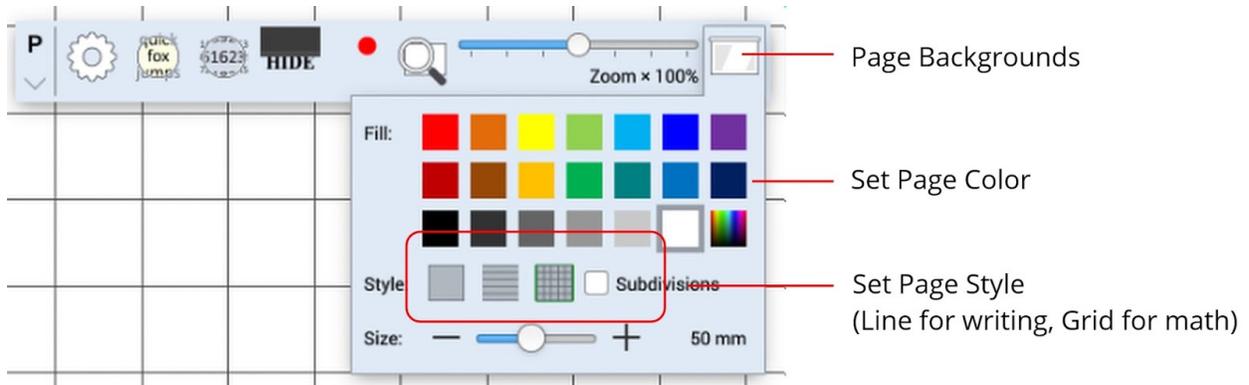


To open image files and PDFs (up to 20MB in size) stored in your cloud drive: (1) tap on image tool, then (2) tap on cloud storage icon to access cloud, and then (3) select the image or pdf and then press open (4).



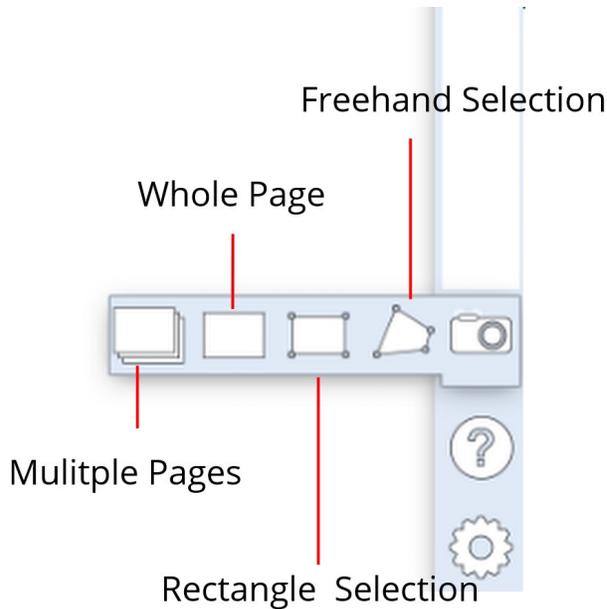
Change Page Background & Properties

Use the page background tool on presenter toolbar to change the background color and add or remove background lines.



Save Page as an Image

Use the snapshot tool to select and save all or part of the page as an image file. NOTE: When using the multiple pages option the file type will be saved as PDF. Otherwise the file type is saved as JPG.

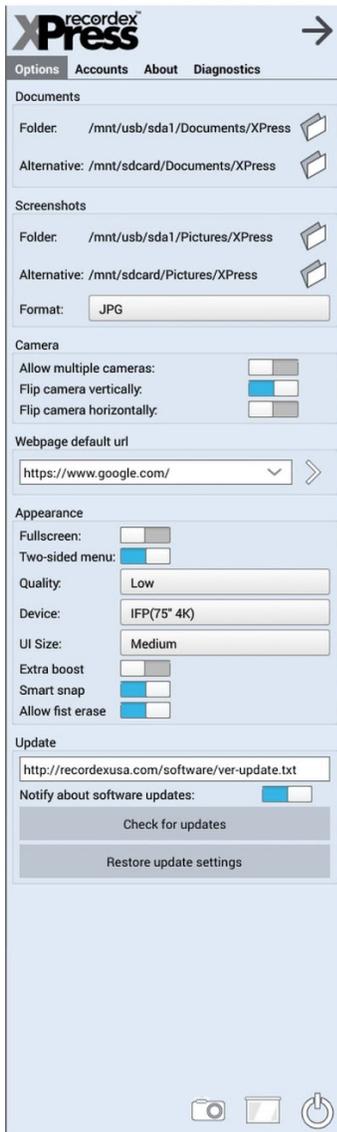


XPress Application Settings

You will leave most of these settings at the default. But if you are one who likes to explore you can experiment with the options by swiping from the edge of the page and then pressing the gear button.



Application Options



Change default location for storing XPress documents.

Change default location for saving screenshots.

Some cameras need to be flipped in order To show up properly.

Some settings may not be available on your device or they may appear not to do anything.

Change the size of the toolbars.

Experimental fist erase option. Turn on/off here.

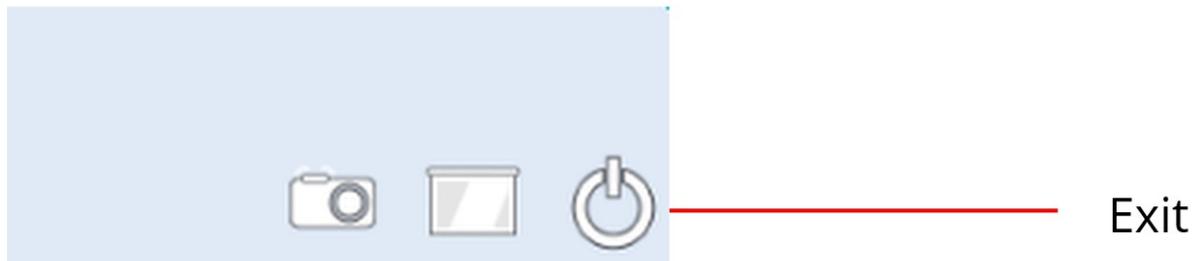
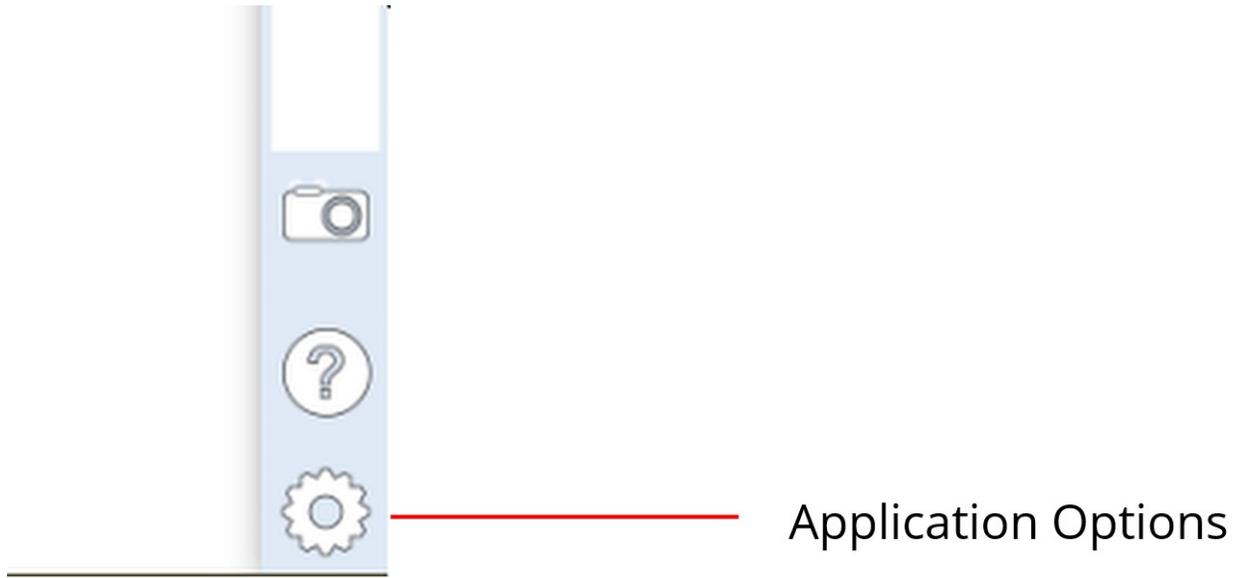
Don't change the update address. If you want to disable update notification you can do that here.

Click to exit the application.

Exiting XPress

For optimal performance it is recommended that you properly exit XPress after you are finished using it. Leaving it running in background can affect overall performance of the SimplicityTouch.

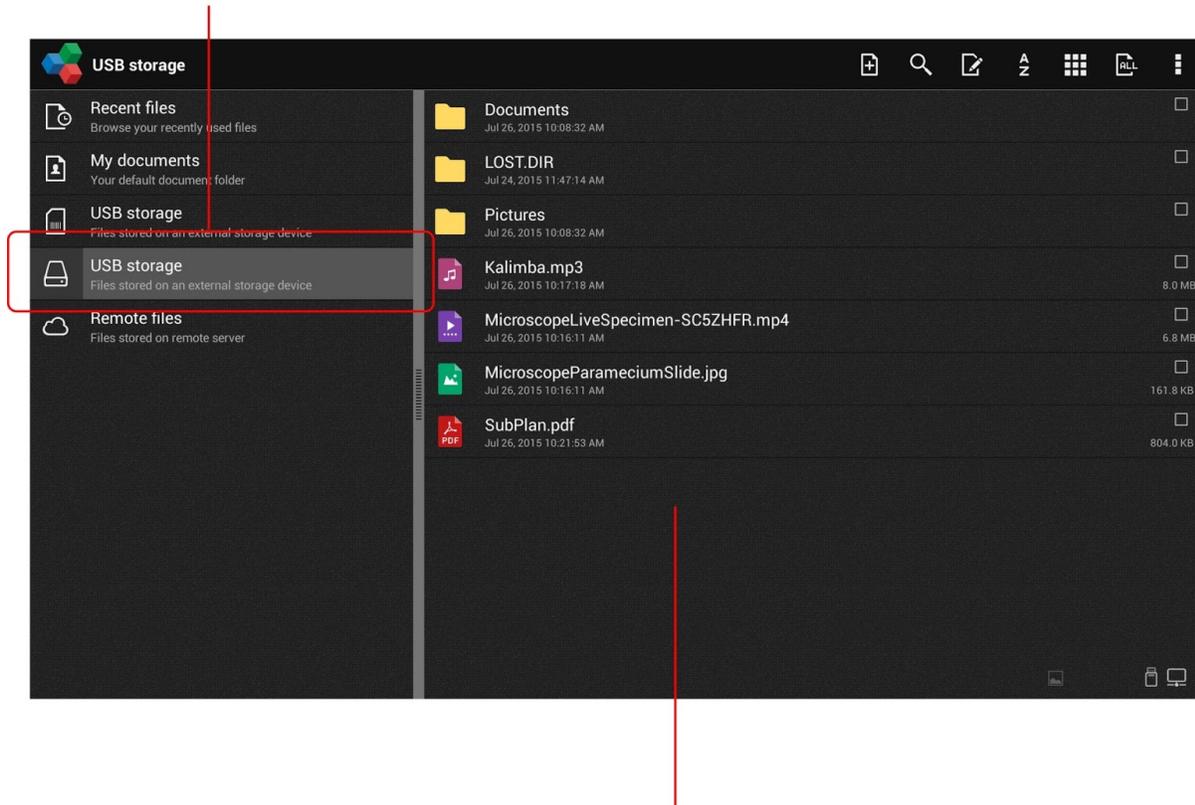
To exit simply swipe from left or right edge of screen, then click on options gear and then tap the exit button.



MobiSystems OfficeSuite 7

You can also open many Microsoft Office files and view them on the SimplicityTouch using the OfficeSuite 7 application by MobiSoft. Open OfficeSuite by tapping the icon under the applications screen.

There are two USB storage locations shown on right menu. The one that has the SDCard symbol next to it represents the SimplicityTouch internal storage. This is NOT your USB thumb drive. To access files from your USB thumb drive you should select the second USB storage location.

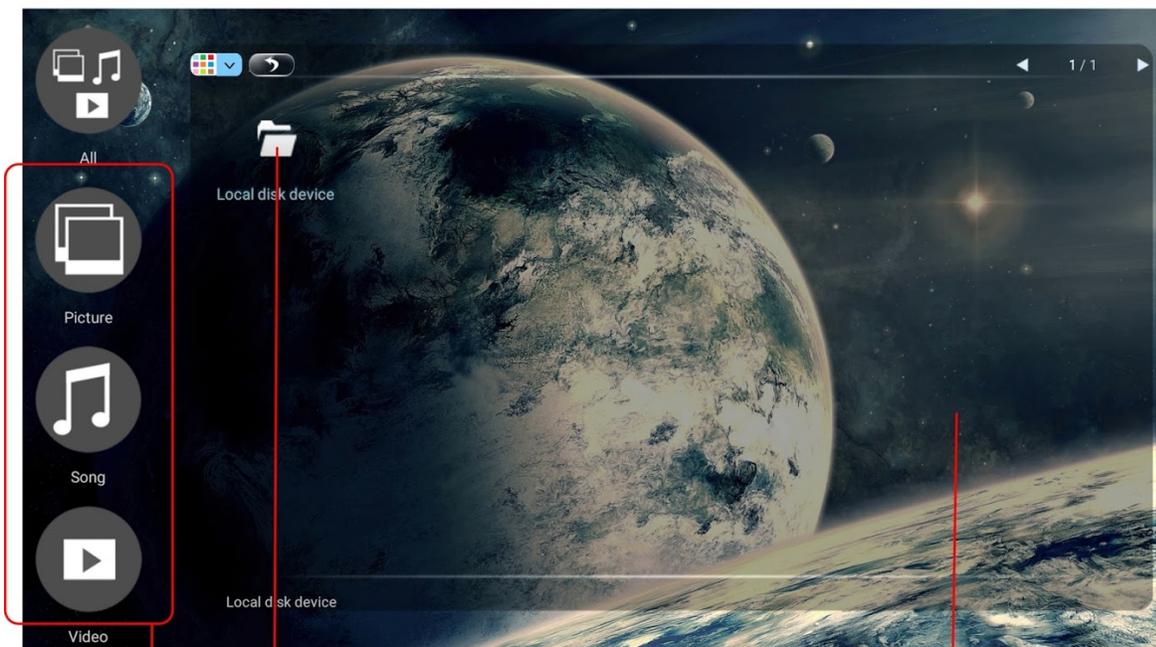
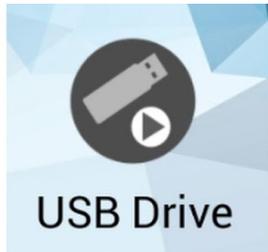


Browse for files here and tap on the file name to open it.

NOTE: It is important to close applications after you are finished using them. To close OfficeSuite use the back arrow button on the SimplicityTouch or the Exit button on the remote control.

USB Media Player

There is a built in USB media player. This media player will play most formats of video, music and images. To open the Media Player click on the USB drive icon on the Home Screen.



Browse for files here and tap on the file name to open it.

Filter search results by selecting file type: Picture, Music, Video.

All files will be shown but only media (music, video, image) files can be opened by the Media Player. For example, if you select a PDF you will get an error message. To open PDFs and other document types (other than music, video, image) use the OfficeSuite application.

Changing the Homescreen Wallpaper

You can change the wallpaper by following these steps:

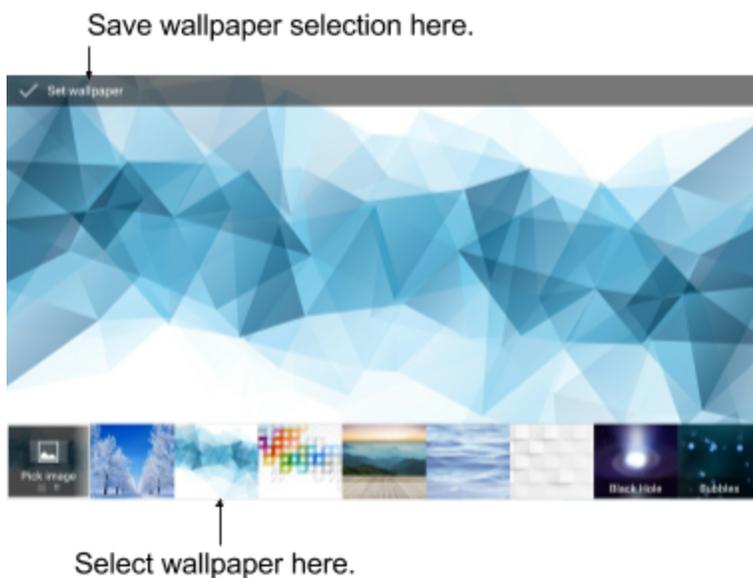
- (1) Press the Home button (on panel or remote) to access the Homescreen



- (2) Press the Menu/Settings button (on panel or remote) to open the wallpaper/widgets screen.



- (3) Then use the touchscreen or the arrows on the remote to select a background and then choose the wallpaper.



Add and Remove App Shortcuts to Homescreen

You can create shortcuts to applications that you frequently use by following these steps:

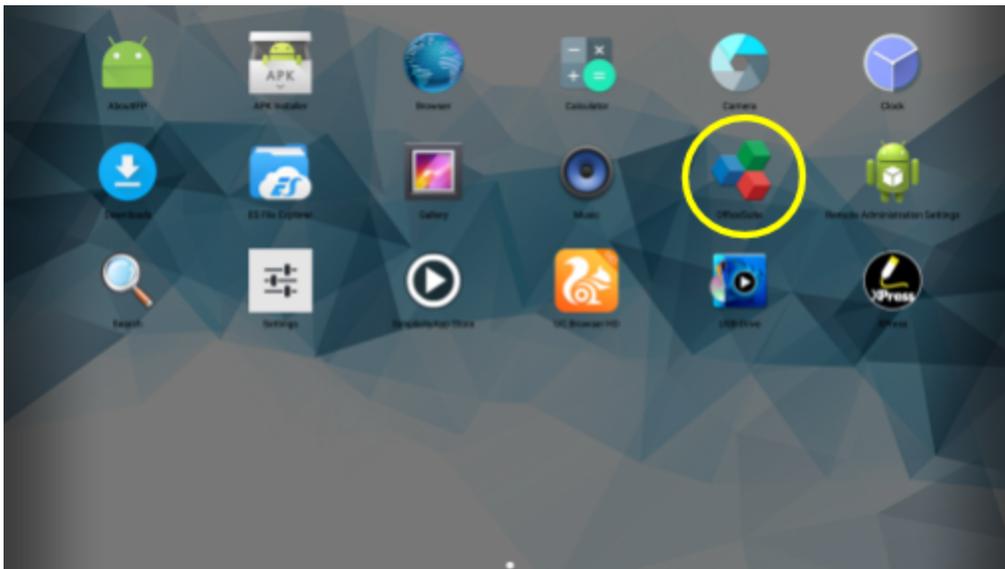
- (1) Press the Home button (on panel or remote) to access the Homescreen



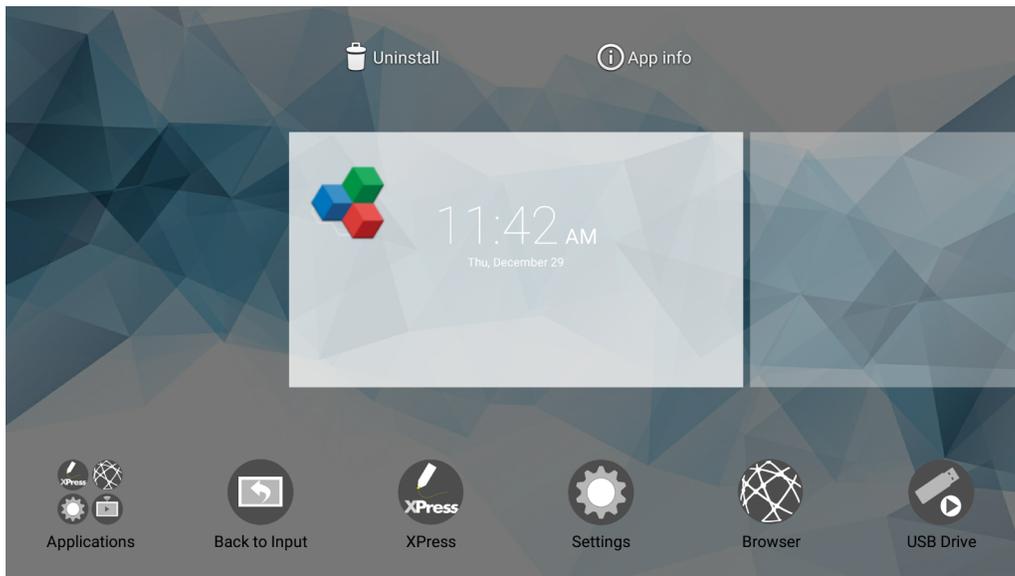
- (2) Then go to the Applications screen.



- (3) Then long-press using your finger on the application icon you wish to add to the homescreen as a shortcut.



- (4) The app icon will then float to the homescreen where you can place it by releasing your finger from the app icon.



- (5) To delete the app shortcut, long-press on the shortcut and drag it to the remove icon at top of page.



Administrator Setup

The following topics are address setup and configuration issues typically handled by the campus technology department.

SimplicityTouch Settings Passwords

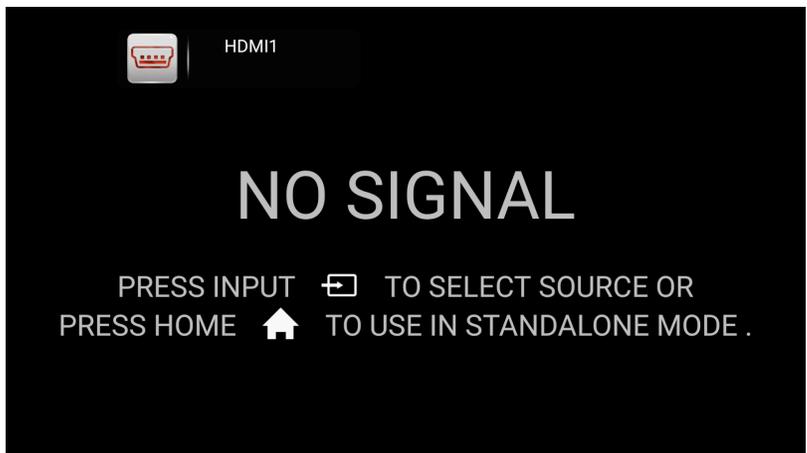
There are two passwords used to prevent unwanted changes to the panel configuration. The following section provides you with the default passwords and links to instructions for changing them.

Settings Password (PIN Code)

The TV Settings and the android homescreen settings are protected with a 4 digit pin-code. The default pin code is:



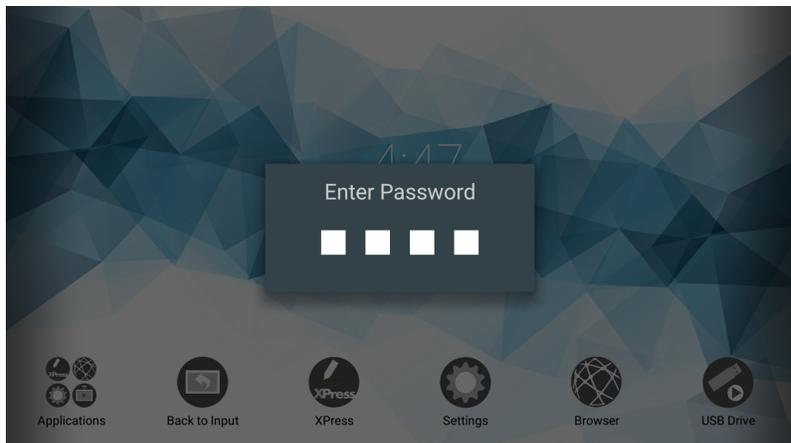
It is recommended that this pin-code be changed during initial installation and setup. To change the pin-code follow these instructions:

1		Power on panel and wait for panel to boot up to an input screen.
---	--	--

<p>2</p>		<p>Press the menu button on remote or on key-pad on front of panel. This will open the on-screen menu display.</p>  <p>Then select Lock menu. Enter the 4-digit PIN when prompted. The default pin is 0 0 0 0 .</p>
<p>3</p>		<p>Select Set Password. Enter the old PIN and then the new PIN twice, then Sure to set the new password.</p> <p>Use the back arrow button to exit the on-screen menus.</p> 

The new PIN code will now be used to access the Lock menu under TV Settings.

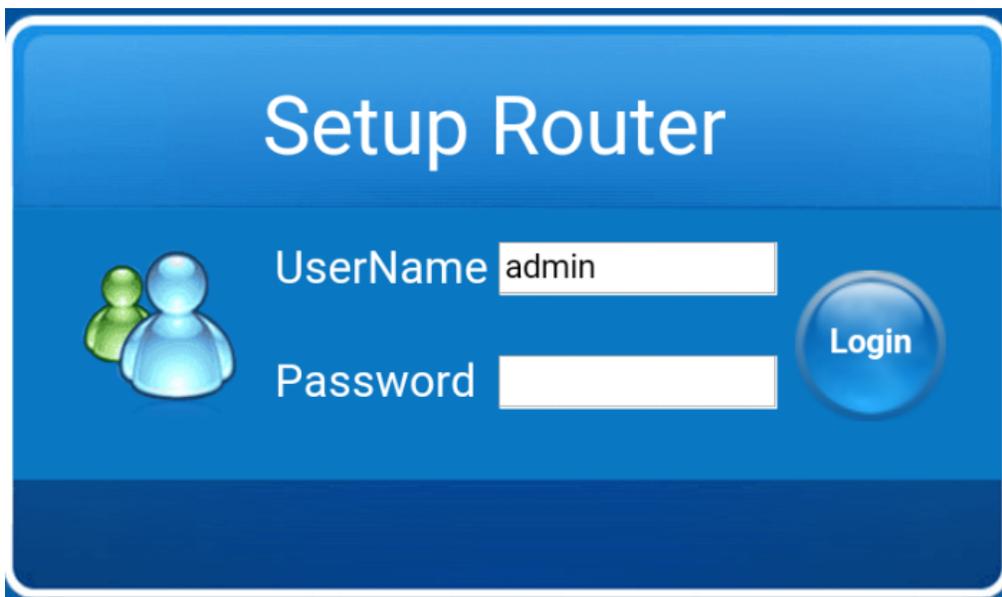
This same PIN Code will also be used to access the android Homescreen Settings. (as pictured to right)



Router Password & Router Setup

The SimplicityTouch includes an internal router than can be configured to allow the panel access to your local area network. The connection can be made by wired or wireless connection. To configure the router follow the instructions in the SimplicityTouch Technical Resource Guide starting on page 23. The technical resource guide is available here: <http://recordexusa.com/simplicitytouchsupport/Gen3/ST-700-Gen3-Technical-Resource-Guide.pdf>

To access the router settings you will go the Homescreen and select Settings, enter the PIN Code, and then select Network, then Router Settings. The web browser will open the router login page where you will need to log in. The default login credentials are shown below:



Setup Router

UserName

Password

Login

It is highly recommended that the network administrator change the login credentials. Instructions for doing so are included in the link above.

Dual Touch Configuration

The default operation of the dual touch output is as follows. Touch Out#1 is disabled when Touch Out#2 is connected. The typical scenario where this is desired is where the panel is in use in a room and the typical presenter's PC is connected more or less at all times to TouchOut #1 (and any video input). Then from time to time another presenter will enter the room, connect to another video input and to TouchOut #2. When the panel detects that there is a device connected to TouchOut#2 then it gives that device priority assuming that the only time a device is connected to TouchOut#2 is when there is a special presenter making a presentation with their own laptop PC. When the special presenter leaves and disconnects their laptop PC from TouchOut#2 then the panel will revert back to giving TouchOut#1 priority. In this way the primary presenter's PC can remain connected at all

times and no cables need to be unplugged/plugged from their device. Only the special presenter will plug/unplug connections as needed to connect to the IFP.

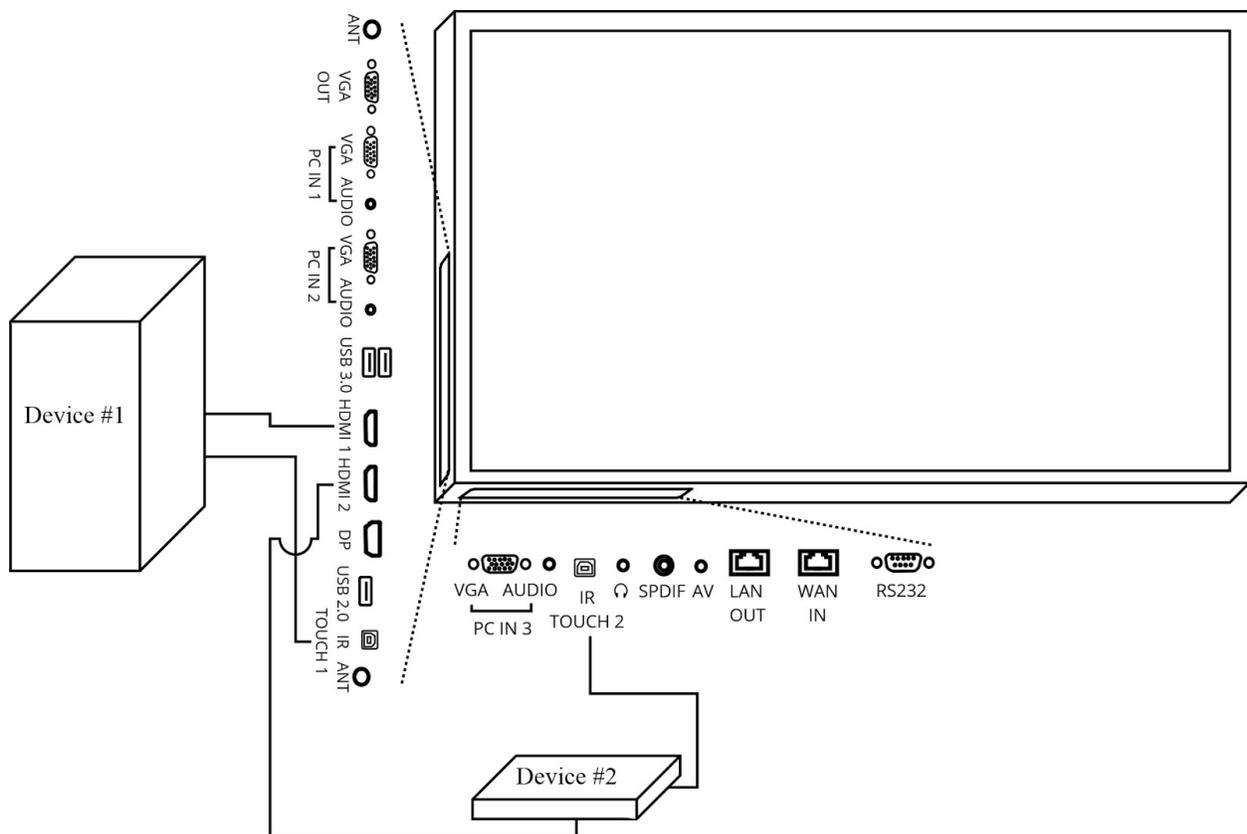
Typical Dual-touch Configurations

The typical setup for situations where two devices are connected at all times is as follows:

In a typical setup there will be a primary device connected to Touch Out #1. This is often the primary presenter's PC. This device is usually connected to HDMI 1 (but it could be connected to any input). The instructions that follow and the diagrams will assume that Device #1 is connected to HDMI 1 and Touch Out #1.

Often there is a second device. This may be an alternate PC for presenting, or it may be a wireless collaboration and presentation device. This device is typically connected to input HDMI 2 and to Touch Out #2. The instructions that follow and the diagrams will assume that Device #2 is connected to HDMI 2 and Touch out #2.

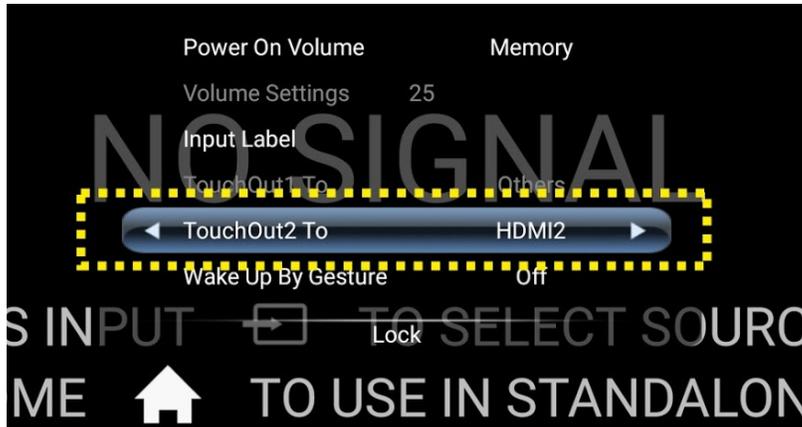
If two devices are connected at all time (one to Touch #1 and one to Touch#2) then the panel settings need to be configured to support this. The following instructions will walk you through configuring the settings to allow the user to simply switch inputs (i.e. from HDMI 1 to HDMI2) and the USB touch will be auto-switched so that that the user can control both devices by touch without having to move or touch any cables.



To change the panel settings to support the configuration depicted above follow these steps:

1	Make connections as shown in diagram above.	
2		Power on panel and wait for panel to boot up to an input screen.
3		<p>Press the menu button on remote or on key-pad on front of panel. This will open the on-screen menu display.</p>  <p>Then select Lock menu. Enter the 4-digit PIN when prompted. The default pin is 0 0 0 0 .</p>

4



Scroll down the lock menu and select **TouchOut2 To** option and change to the input source for Device#2. If your configuration is the same as the sample configuration shown earlier in this manual then you would **set TouchOut2 to HDMI2**.

Press the back arrow on the remote or the front keypad of the panel to exit the on screen display.



Router Configuration

See page 46 for login information for the router. For complete instructions on how to configure the router for wired or wireless networks see the Technical Resource Guide available here:

<http://recordexusa.com/simplicitytouchsupport/Gen3/ST-700-Gen3-Technical-Resource-Guide.pdf>

RS232 Control

The panel can be controlled by RS232 if connected serial controller using RS232 serial cable connection. The supported commands can be downloaded

http://recordexusa.com/simplicitytouchsupport/Recordex_SimplicityTouch_RS232_Commands_v20150812.pdf.

Additional Links & Support Resources

The following table provides links to helpful product support resources

Technical Support	support@recordexusa.com or 888-712-0278 (toll free)
Support Videos	http://recordexusa.com/xpress-help.html (refer to videos for version 2.3 and later)
Download XPress	http://recordexusa.com/xpress-download.html Windows 7 and later, OS X 10.8+, Android 4.2+
Touchscreen Driver & utility for Mac OS X users	http://recordexusa.com/simplicitytouchsupport/osx-driver-simplicitytouch.html
Calibration instructions for Mac OS X users	http://recordexusa.com/manuals/st-700calibratetouchscreen.mp4