

Smart-**AVI**

User Manual

Presenter



One PC can display and manage 4 additional remote monitors.

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Table Of Contents

Introduction	4
What's in the box	4
Introducing the U4TX Teamwork	5
Peripheral Compatibility	5
Installation and Operation	6
Quick Start	6
Connecting the U4TX PCI Card	7
Connecting the Remote Stations	8
System Power Up	9
Installing the ApplicaXP Software	10
Using the ApplicaXP Software	14
Options for Stations	15
Appendix	18
Preparing System CAT5 cable	18
Specifications	15
Technical Support	19
Troubleshooting	19
System Requirements	15
Limited Warranty Statement	21

Introduction

What's in the box

Presenter Package Contents		
Qty	Description	Part Number
1	Presenter PCI Card	APU4-G-101
4	CAT5 to VGA Cable	APCB-CV-001
1	ApplicaXP & Presenter Software (CD)	APS-XP-PR

Presenter PRO Package Contents		
Qty	Description	Part Number
1	Presenter PCI Card	APU4-G-101
1	4 Port UXGA /Audio Transmitter	SLX-TX400
4	UXGA/Audio Receiver	SLX-RX100
1	ApplicaXP/Presenter Software (CD)	APS-XP-PR
1	12V Power Adapter	PS-12D2A-US
4	CAT5 Cable	APCB

Introducing the Presenter

When you need to create that special presentation, The Presenter from Applica can help make it a success. When you need to have multiple screens and need to control them from a central location, The Presenter can help. You can manage and control four additional screens. You can even manage and control up to 16 remote screens by using multiple Presenter Cards.

The Presenter Pro adds the functionality of having those remote screens at extremely remote locations. This is done by combining Applica with SmartAVI. Using the combination of transmitter and receiver units, SLX-TX400 & SLX-RX100, you can have those remote screens up to 1000 ft. away.

There are many applications for the Presenter. Some of these include:

- Dynamic Digital Advertising such as malls, airports, hotels, convention centers, and Sports arenas.
- Education and Entertainment such as information walls, booths, program information and updates.
- Special Events and Demonstrations such as Vendor booths, product presentations, and special speaker events.

Peripheral Compatibility

Start installation process by ensuring that all video displays and audio devices are compatible with the computers. This is accomplished by connecting the devices directly to the computer (bypassing the presenter card and/or SLX-100 receivers) and checking that the devices operate as desired.

If they operate as desired, they should function properly when connected to the Presenter unit.

If the device does not operate as desired when connected directly to the computer, something is wrong with the device, NOT the Presenter unit since it is not yet connected.

Installation and Operation

Before you install Presenter

There are several steps you should take in preparation for the installation of your Presenter unit. These steps are to ensure proper installation so that your product may run smoothly and trouble free.

We have attempted to make the installation procedure as simple as possible. Variations in computer systems might make your installation procedure unique but please try to follow these steps as closely as possible.

Please check the following:

- Make sure to logon with a username and password that has Administrator privileges.
- Install and register Windows XP and all normal applications that you will run on this PC.
- Make sure that you have installed current drivers for your normal video adapter.
- If your PC supports Hyperthreading (HT), make sure that it is disabled in the BIOS/CMOS.
- Make sure that any Remote Control Host software is uninstalled.
- Verify that Windows XP Service Pack 1 (SP1 or SP1a) is installed. (Start > Control Panel > System > General. Or Windows Key+Pause/BreakKey).
- Make sure that you have at least 256MB of Ram.
- It might later be useful to determine whether your computer uses an AGP or PCI Graphics Card. You may write it down or remember it.
- Disable any screen savers. Go to Control Panel > Display > Screen Saver Tab and select (None) for the screen saver. Here you will also want to adjust the Power settings by clicking the Power button at the bottom of the Screen Saver tab. You will want to select the Always On power scheme and "Turn Off Monitor" should be set to "Never".
- Make sure that any AntiVirus software is disabled as this may interrupt or interfere with installation. Note: You may reenable this software after Presenter is installed.

After any settings might have been made it might be necessary to restart your computer. If you have not done so already please do so now to ensure that all changes have been finalized.

Quick Start

Before beginning installation ensure that your PC is turned off. Follow the Steps indicated for the Presenter Package you have.

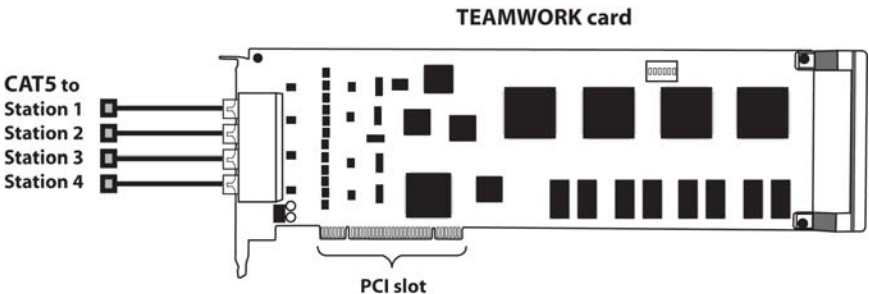
1. Install the Presenter PCI card into an available PCI slot in your computer.
2. (Presenter) Connect the CAT5 to VGA adapters to the 4 CAT5 connectors on the Presenter Card.
(Presenter Pro) Use 4 CAT5 cables (supplied) to Connect the Presenter Card to the inputs on the SLX-TX400.
3. (Presenter Pro) Run a CAT5 cable from the transmitter to the remote location of your screen. Connect a remote station (SLX-RX100) into each end of those CAT5 cables that you will be using.
4. (Presenter) Connect remote monitors to the ends of the CAT5/VGA cables.
(Presenter Pro) Connect monitors and/or speakers to SLX-RX100 units. Then connect the external power supply to the AC IN connection of the SLX-X400 unit. (Optional) Connect power adapters to the SLX-RX100 units.
5. Power on your PC.
6. Windows will now recognize that new hardware has been installed. Allow it to detect all of the hardware. This could take a few minutes.
7. Install the provided ApplicaXP software (includes drivers) and the Presenter Software.
8. Reboot your computer.

Installation and Operation

Before beginning installation ensure that the PC is turned off.

Connecting the Presenter PCI card (Detailed)

1. Open up the computer so the inside is exposed. Usually this is a side panel.
2. Find an available PCI slot. Remove the filler bracket from the slot you have selected.
3. Ground yourself by briefly touching something metal, such as the computer chassis, with your fingers, and then remove the PCI board from its shielded plastic envelope.
4. Carefully insert the Presenter card making sure that it is properly and completely inserted. This is done by firmly applying pressure across the top. You will feel the card slide into place. If you do not know how to do this find someone who is qualified to do so. Verify that no other PCI cards have been accidentally lifted from their slots.
5. Insert a screw to secure the chrome bracket of the pci card to the PC case.
Note: If you are connecting more than one Presenter card, completely install the first card and make sure it is fully operational. This will simplify the installation process and simplify possible troubleshooting later on.
6. Put the cover back on the computer. (If you are connecting multiple cards you can postpone this step until all of the cards are installed.)



The Applica Presenter card requires an available full length PCI slot . The PC case must also be large enough to accommodate and cool a card of this size.

Connecting the Remote Monitors (Presenter)

1. Use the supplied CAT5 to VGA cables to connect the remote monitors to the the CAT5 connectors on the Presenter Card.

Up to four can be connected

Connecting the Trasmitter, Receivers and Remote Monitors (Presenter Pro)

1. Use the supplied CAT5 cables to connect the outputs on the Presenter card to the inputs on the SLX-TX400 unit.
2. Optional - Connect audio inputs to the front of the SLX-TX400 or connect a standard USB 2.0 cable to the SLX-TX400 to use built in audio.
2. Connect additional CAT5 cables to the output connectors on the SLX-TX400 units and run those cables to the location of your remote monitors.
3. Connect an SLX-RX100 unit to each end of those CAT5 cables.
4. Connect your output monitor and speakers to the SLX-RX100 units.

Up to four can be connected although only two are shown.

Installation and Operation

Before you power up, ensure that all cables are properly connected as shown in the diagram below.

System Power Up

1. Presenter Pro - Connect the 12 Volt power supply to the SLX-TX400 and plug it into the wall socket.
2. Presenter Pro - (Optional) Connect power adapter to remote units and plug those into a wall socket. Power on the remote stations.
3. Power on your computer.
4. On boot up, Windows should recognize that new hardware has been installed. This may take a few minutes as it recognizes the necessary hardware for the Presenter Card.

Installing the ApplicaXP software

Once your PC has finished booting up and has recognized all of the hardware, the software is ready to be installed.

Insert the CD that contains the ApplicaXP software into your computer. Locate the file named "ApplicaXP Setup v.*.exe" (Where * represents the version of the software). This may vary depending on which version was shipped with your unit. Double-click the file to initiate the installation process.

1. The first screen that appears is the End User License Agreement (EULA) page. You must agree to the license agreement in order to install and use the ApplicaXP software. If you agree to the EULA please click I Agree in order to continue.
2. On the following screen type in your name, organization, and the serial number which can be found on the cd sleeve. Please type in the serial number exactly as you see it including the dashes (-). If this software will be for all users of this computer, please leave this option selected. Click Next to continue.
3. On the next screen click next if you would like to use the default windows installation directory. If you would like to choose your own directory please type it in now.
4. If you wish to have shortcuts for the ApplicaXP software installed in the Start Menu, click Install. If you do not wish to create the shortcuts please check the box labeled, "Do not create shortcuts" then Click Install.

Windows will now install the Applica XP software. After the software has finished copying files, click Next to complete installation.

If you would like to reboot now, leave selections as is, and click Finish. If you would like to restart later, select "I want to manually reboot later" and then click Finish.

If you selected Reboot Now, your computer will automatically restart. After your computer has restarted the remote stations should be ready to use. You will notice a small icon located on your taskbar in the system tray. This will be a small yellow A



This is one of the shortcuts to access the Applica XP software. The other will be located in your start menu unless you decided during the installation process not to create shortcuts.

Note: To see a more detailed installation manual for both Applica Xp and the Presenter software, please refer to the Help Files located in the Help section of the software.

Installing the Presenter2 software

On the same CD that has the ApplicaXP software, locate the file named "Presenter2 Setup v.*.exe" (Where * represents the version of the software). This may vary depending on which version was shipped with your unit. Double-click the file to initiate the installation process.

1. The first screen that appears the introduction followed by the License Agreement page. You must agree to the license agreement in order to install and use the Presenter software. If you agree, please click I Agree in order to continue.
2. On the following screen type in your name, organization, and the serial number which can be found on the cd sleeve. Click Next to continue.
3. On the next screen click next if you would like to use the default windows installation directory. If you would like to choose your own directory please type it in now.
4. If you wish to have shortcuts for the Presenter software installed in the Start Menu, click Install. If you do not wish to create the shortcuts please check the box labeled, "Do not create shortcuts" then Click Install.

Windows will now install the Presenter software. After the software has finished copying files, click Next to complete installation.

Please select "Reboot Now" and click Finish to restart your computer.

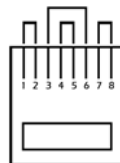
Preparing System CAT5 Cable

The U4TX utilizes category 5 (CAT5), shielded twisted pair (STP) cable to transport signal between transmitter and receiver.

This cable is used for LAN applications and is found in abundance, already installed, in many buildings. The category 5 is a standard which establishes minimum requirements for telecommunications cabling within a commercial building. The standard covers various aspects of wiring including telecommunications outlets.

Following is the wiring standard for terminating CAT 5 cable using RJ 45 connector:

Pair 1	Pins 1 & 2
Pair 2	Pins 3 & 6
Pair 3	Pins 4 & 5
Pair 4	Pins 7 & 8



Connectors:	RJ-45
Capacitance:	14 pf/ft (46.2 pf/m)
Conductor Gauge:	24 AWG
Impedance:	100 +/- 15 ohms
	4 - Pair, (stranded) Foil Shielded

Specifications

Presenter PCI Card Specifications	
Bus Interface	4 Ports PCI bus V2.1 5V, 32bit, 33Mhz
Video	
Video Chip	Sis or ATI
Supported Resolution @ 85Hz	640x480 True Color; 800x600 True Color; 1024x768 True Color; 1600x1200 High Color
Data	
Transfer Rate	Up to 132MB/sec
Connector	CAT5 (RJ45)
Trasmission Distance	Presenter: Up to 50ft Presenter Pro: Up to 1000ft.
Physical	
Dimensions HxWxD	21x114x260 mm
Weight	.19 kg (.42lbs)
Operating Temperature	32 to 104 degrees F. (0 to 40 degrees C)
Storage Temperature	-40 to 140 degrees Fahrenheit (-40 to 60 degrees C)
Humidity	20% to 90% non condensing

SLX-TX400/SLX-RX100 Specifications	
VGA	
Format	RGBHV, RGsB, YUV, Y/C, CVBS
Connector	HDD 15
Resolution	Up to 1600x1200 (VGA, SVGA, XGA, SXGA)
Audio	
Signal Type	Unbalanced Stereo Line Level
Connector	Standard 3.5mm jack socket
Power	SLX-TX400 12DC 2A 2.1mm DC jack
	SLX-RX100 12DC 1A 2.1mm DC jack (Optional)
Physical	
Weight	SLX-TX400 .55kg SLX-RX100 .12 kg
Dimensions (HxWxD)	SLX-TX400 26x189x98mm SLX-RX100 23x80x95mm
CAT5	Please see section "Connecting CAT5 Cable"

Technical Support

Our technical support staff is ready to assist you with your technical needs related to our product or its operation in your system. To obtain quick assistance please follow the troubleshooting guidelines below.

1. Review the troubleshooting section of this manual (found in the Appendix) to ensure that the problem cannot be resolved with information already provided.
2. Document the nature of your problem as detailed as possible and either call (818) 565-0011 or e-mail support@applica.com

To expedite assistance please provide model number, serial number, date of purchase and invoice number.

Troubleshooting

Symptom	Action
Boot up display does not show or shows on one of the station monitors.	<p>If your primary video adapter is AGP, do one of the following depending on what kind of bios you have:</p> <p>Under the BIOS/CMOS setup options, select "Integrated Peripherals, enter "Init Display First", then select the option "AGP".</p> <p>Under the BIOS/CMOS setup option selection, select "BIOS Features Setup" and enter "VGA Boot from", then select the option "AGP".</p> <p>Under the BIOS/CMOS setup options selection, select "Integrated Peripherals", enter "Init Display First", and then enable that option.</p> <p>Award Modular BIOS, select the "PNP, PCI, & ONBOARD I/O" menu and then select the "Init Display First" option.</p> <p>If your primary video adapter is PCI:</p> <p>Move your PCI card into the slot that is occupied by the Teamwork card. Reboot computer and allow pc to recognize card. Now turn off the PC and install the Teamwork card where the PCI graphics card used to be</p>
Remote monitors do not display image	<p>Check the power LEDs on the remote station. If LED is OFF make sure that the power adapter is connected.</p> <p>Check that the cables from the computer as well as from the unit are properly connected.</p> <p>Verify that monitors are operational by connecting them directly to the computer.</p>
Poor Video	<p>Poor video may be caused by poor cabling, excessive CAT5 cable length or by ground loops. Sometimes low quality CAT5 cable can cause malfunction.</p> <p>Verify that all cabling is properly made and shields are properly grounded. Adjust fine tuning knobs on the bottom of SLX-RX100.</p>

Limited Warranty Statement

A. Extent of limited warranty

1. SmartAVI warrants to the end-user customers that SmartAVI product specified above will be free from defects in materials and workmanship for the duration of 1 year, which duration begins on the date of purchase by the customer. Customer is responsible for maintaining proof of date of purchase.
2. SmartAVI limited warranty covers only those defects which arise as a result of normal use of the product, and do not apply to any:
 - a. Improper or inadequate maintenance or modifications
 - b. Operations outside product specifications
 - c. Mechanical abuse and exposure to severe conditions
3. If SmartAVI receives during applicable warranty period notice of defect SmartAVI will at its discretion replace or repair defective product. If SmartAVI is unable to replace or repair defective product covered by the SmartAVI warranty within reasonable period of time SmartAVI shall refund the cost of the product.
4. SmartAVI shall have no obligation to repair, replace or refund unit until customer returns defective product to SmartAVI.
5. Any replacement product could be new or like new, provided that it has functionality at least equal to that of the product being replaced.
6. SmartAVI's limited warranty is valid in any country where the covered product is distributed by SmartAVI.

B. Limitations of warranty

TO THE EXTENT ALLOWED BY LOCAL LAW, SMARTAVI NOT ITS THIRD PARTY SUPPLIERS MAKE ANY OTHER WARRANTY OR CONDITION OF ANY KIND WHETHER EXPRESSED OR IMPLIED, WITH RESPECT TO THE SMARTAVI PRODUCT, AND SPECIFICALLY DISCLAIM IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE.

C. Limitations of liability

To the extent allowed by local law the remedies provided in this warranty statement are the customer's sole and exclusive remedies.

TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT WILL SMARTAVI OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHETHER BASED ON CONTRACT, TORT OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

D. Local law

To the extent that this warranty statement is inconsistent with local law, this warranty statement shall be considered modified to be consistent with such law.

SmartAVI

3111 Winona Ave, Suite 101

Burbank, CA 91504

Tel (818) 565-0011 Fax (818) 565-0020

Email: info@smartavi.com