NOTE: Use PSX Setup to update the firmware of the PSX first (see page 6)!

Connecting the PSX for configuration:

- When connecting this product to the end users Local Area Network, use a standard 100 Base-TX base Ethernet hub / switch and a (Category 5 or above) network cable.
- Only use a crossover cable if connecting directly to a PC.
- If this product has been used in or configured for another network, reset it to the factory default settings before you start the configuration; **Press and Hold the Reset button for ten seconds, then release.**
- If your PC is using the Windows XP embedded firewall or using the firewall function of a third party security software such as Norton Internet Security, "disable the firewall function while configuring this product".
- Step 1 Connect your PC to an Ethernet switch connected to the Local Area Network.
- Step 2 Connect an Ethernet cable to the dock and the other end of the cable to the Ethernet switch connected to the Local Area Network.
- Step 3 Connect the supplied AC Power Adapter to the PSX, then plug in the AC end into an "Always-On" AC outlet.
- Step 4 Launch the PSXSetup software.

Configuring the PSX

Step 1 – Run "PSX Setup" by clicking on the PSX module icon in the TOOLS menu of CCP.



Step 2 – Once PSX Setup is running, click on the "Search" button to locate PSX's on the Local Area Network.

Step 3 – Click on the PSX you want to configure and then click on the "Configuration" button.

IP Address	Ethernet Address	Model Name	
192.168.1.63	00:80:92:01:12:FB	PSX-1 (Jim's Offi	œ)

Step 4 - The PSX Configuration window appears. Type in a "Dock Name" or the name of the room the dock is located in, select the "Video Output" (Component or Composite Video), choose "Enable" or "Disable" Artwork and then click OK.



PSX Web Page Interface

This PSX also has an embedded web page interface, which can be used to monitor status, configure the unit and perform a firmware update. The three primary functions are separated into three "tabs" on the left side of Web page. Each tab has one or more specific functions.

Click on the "Check Settings" button at the bottom of the PSX Setup window or open "Internet Explorer" and enter the PSX's IP address in the address field.

IP Address	Ethernet Address	Model Name	
192.168.1.63	00:80:92:01:12:FB	PSX-1 (Jim's Offi	œ)

The PSX Web Page Interface appears:

🖉 PSX-1 - Windows Inter	met Explorer			
() - (e) http://19	92.168.1.63/			• 47 ×
		G Specifi		
I THE LOR NEW TOVO	ntes roois nep			
🙀 🏟 🏉 PSX-1				🔄 🔂 • 🖾 •
UNIVERSAL remote control the Paneer in Control Technology				
Status			iPod Status	
Configuration		iPod Status	System Status	
System		- iPod Information -		
Information		iPod Name	Jim Novak's iPod	
		Model	MB029LL	
	\odot	Serial Number	8K752HYQY5N	
		Software Version	1.1.2	
		Charge Status	Charge Complete	
	12.00			
	Refresh			
	25			

PSX Installation Manual (PSX-1 and PSX-2) ver. 1.1

Status Tab

The Status tab has two functions, iPod Status and System Status.

iPod Status

The iPod Status screen shows information about the iPod inserted in the dock. When an iPod is removed from the dock, the iPod image at left side of the window will disappear and be replaced with the message "Waiting / iPod is not connected".

Status			iPod Status	
Configuration		iPod Status	System Status	
Sustam		- iPod Information -		
Information		iPod Name	jnovak's iPod	
		Model	MB029LL	
	(O)	Serial Number	8K752HYQY5N	
		Software Version	1.1.1	
		Charge Status	Charge Complete	

System Status

The System Status screen shows information about the Dock and Network status.

atus	System	Status
ruration	iPod Status	System Status
Item	Value	
Host Name	Family Room	
IP Address	192.168.1.48(DF	ICP)
Subnet Mask	255.255.255.0	
Default Gateway	192.168.1.1	
DHCP Server	192.168.1.201	
Lease Time(sec.)	432000	

Configuration Tab

The configuration tab allows you to; change the name of the dock, use DHCP or Static IP, select he appropriate video output and "Enable" or "Disable" artwork to the MX-6000.

itatus		Network Set	tings
figuration	Item	Value	Instruction
	Dock Name	Jim's Office	15 letters[max.]
/stem	DHCP/BOOTP	DISABLE -	Select one
mation	IP Address	192.168.1.241	IP address
	Subnet Mask	255.255.255.0	IP address
	Default Gateway	192.168.1.1	IP address
	LAN Interface	AUTO 💌	Select one
	Video Interface	Component (Y/Pb/Pr) 💌	Select one
	Artwork Download	ENABLE 💌	Select one

Note: Setting up the PSX with a "Static IP Address" is recommended.

System Information Tab

The System information tab has following functions; System Information, Reset and Update. This tab is used for diagnostics and maintenance.

System Information

The System Information screen shows information about the PSX's firmware version and MAC Address. A link to URC's web site is also available here.

remote co	ntrol chnology		
Status		System Information	
onfiguration	System Information	Reset	Firmware Update
	Item	Contents	
	MAC Address 00:80:92:3B:75:5B		
System	MAC Address Firmware Version	00:80:92:3B:75:5B 1.0.0b1+3	

Reset

The Reset screen is used to "Reboot" the PSX or "Reset" it to its factory default configuration.

The Pioneer in Control	RSAL control Technology	
Status	Reset	
Configuration	System Information Reset	Firmware Update
	Select Reset Option	
System	Reboot	Start
Information	Reset to Factory Default	Start

Firmware Update

The Firmware Update screen is used to upload new firmware to the PSX. The firmware must be downloaded to a connected PC before it can be loaded into the PSX. Use the browse button to locate the latest firmware file, and then click on the" Firmware Update" button. The latest firmware is automatically installed in CCP. Simply browse to the .bin file in this folder:

For PSX-2 C:\Program Files\Universal Remote Control, Inc\Complete Control Program\Tools\PSX-2\PSX-2 Firmware

For PSX-1 C:\Program Files\Universal Remote Control, Inc\Complete Control Program\Tools\PSX-1\PSX-1 Firmware

Control Technology	L 1		
Status		Firmware Upd	ate
Configuration	System Information	Reset	Firmware Update
	SX-DAD002 Firmware H	file	
System Information	To update the SX-DAD002's firmware, the latest version must be downloaded to a connected PC. To get the latest version of SX.DAD000 firmware go to:		
	http://www.universaliremot Download the file, locate "Firmware Update" butto	e.comproducts/mx_doc/firmv the file using the above br n in the lower left hand co	vare_update rowse window, then click on the mer of the screen.
	Firmware Update		

Now click on the Firmware Update button. The PSX will download the file, install and restart automatically. Then PSX Setup will display the following message:

PSX Installation Manual (PSX-1 and PSX-2) ver. 1.1

```
HTTP 1.0/202
Result [ Accepted ]
```

Front panel PSX label

The PSX ships with a Universal Remote Control label in the dock label holder. This label can be removed and replaced with a customized label like "Dad's iPod Dock". Use a paper clip or a small eyeglasses screw driver and gently pull in one of the corners of the plastic label cover. The cover easily flexes and then can be removed. Place the new label in position and reinstall the plastic label cover.

Using the front panel PSX label back light

The PSX is equipped with a dock label backlight. The light makes it easy to place an iPod into the appropriate dock by illuminating the name of the dock. The light is controlled by a small switch located on the far left side of the PSX back panel. Press the switch once to turn the light on, press it again to turn the light off.

Connecting two or more PSX's together

The PSX comes equipped with a metal connecting bracket when two or more docks need to be connected together and held in place.

Locate the metal connecting bracket. Remove any iPods from the docks to be connected together.

Turn the first dock over so the bottom is facing up.

Slide the metal connector bracket into the connector bracket slot located in the middle of the dock. The bracket will snap into place when fully inserted. Turn the second dock over and slide it onto the extended connector bracket. It will also snap into place connecting the two docks.

Note: The metal dock connector bracket can be removed by exerting light downward pressure on the docks plastic center tab, while gently pulling it away from the dock.

Configuring PSX in MX-6000 Editor:

In Program Step 1, "Create and Name Devices", use the drop-down menu to navigate to "Two-Way" devices. Then, Click on the PSX icon in the icon window and drag it onto the MX-6000 "Main Page".



Once a PSX is created as a device, all you have to do is configure the "Network Settings" in the "Properties Tab" of the device.

Step 1 - Click on the PSX Device in the "Model Designer" tree view and then click on the "Properties Tab" in the tabbed window at the right.

A 4 4 +	MX-6000 Editor (beta) - C:\Documents and Settings\jnovak\Desktop\MX-6000 Configuration Files\08-29-08 test.ccp	_ = ×
File Edit View F	rogram Tools Communications Window Help	
New Open Save As		
House Designer 🔹 👎 🗙		Properties 👻 🖣 🗙
8		[Device] PSX-1
Home Home Theater		Name PSX-1
Model Designer V A ×	Song: Shuffle Shu	Type Twoway Device
	Album: Album: Album: Album Name>	Mac 00:00:00:00:00 IP 0 0 0 0
	skip- rewind pray pause forward skip+	Port 1100 □ P I @ S @ H ♡ I □ S I Macro ▼ ♥ X

You need to enter either the "MAC Address" or the "Static IP Address" of the PSX into the Network Information section.

Properties	→ ₽ ×
[Device] PSX	
Name	PSX
Туре	Twoway Device IPOD
-Network Informa	tion
MAC 0	0:00:00:00:00:00
🔲 This device	has been assigned a static IP
Static IP	0.0.0.0
Port 1	100

Open PSX Setup, select the dock you want to configure and click on the "Check Settings" button.

192.168.1.241 00:80:92:01:13:E5 PSX-1 (Jim's Office 192.168.1.33 00:80:92:01:14:1B PSX-1 (Chris Ipod 192.168.1.35 00:80:92:01:13:E6 PSX-1 (Chris Ipod 192.168.1.97 00:80:92:01:13:E6 PSX-1 (PSX-1-0111) Dock)
192.168.1.33 00:80:92:01:14:18 PSX-1 (Chris Ipod 192.168.1.35 00:80:92:01:13:E6 PSX-1 (YJ) 192.168.1.97 00:80:92:01:13:DC PSX-1 (PSX-1-011)	Dock)
192.168.1.35 00:80:92:01:13:E6 PSX-1 (YJ) 192.168.1.97 00:80:92:01:13:DC PSX-1 (PSX-1-011:	
192.168.1.97 00:80:92:01:13:DC PSX-1 (PSX-1-011)	
	DC)

The PSX web page opens up. Click on the "System Information" tab, highlight the MAC Address and "Copy" it. (Ctrl + C)

Status		System In	formation	
Configuration	System Information	Reset		Firmware Update
	Item	Contents		
8 S	MAC Address	00:80:92:01:12	144	L
Information	Firmware Version	1.0.0b15	Cut	
monitarion	URL	Universal Rer	Copy	
			Passe Soloct All	
			Print	
			Drint Draview	

Then, go back to the MX-6000 Editor and "Paste" (Ctrl+V) it into the MAC Address field of the PSX.

-Network Information						
MAC	00:80:92:01:13:E1					
This device has been assigned a static IP						
Static IP	0.0.0.0					
Port	1100					

If you assigned a Static IP to the PSX in PSX Setup, you must check the Static IP check box, and then manually type in the Static IP Address into the IP Address field.

-Network Information							
MAC	00:80:92:01:13:E1						
This device has been assigned a static IP							
Static IP	0		0		0		0
Port	1100						

Item	Value	Instruction
Dock Name	Jim's Office	15 letters[max.]
DHCP/BOOTP	DISABLE 💌	Select one
IP Address	192.168.1.246	IP address
Subnet Mask	255.255.255.0	IP address
Default Gateway	192.168.1.1	IP address
LAN Interface	AUTO 💌	Select one
Video Interface	Component (Y/Pb/Pr)	Select one
Artwork Download	ENABLE -	Select one

Note that in the example above, DHCP has been "disabled" and a Static IP has been assigned to the PSX.

Installing URC PSXLink Software on the end-users PC:

URC PSXLink software allows the end-user to sync an iPod located in a PSX, to any PC on the network with iTunes loaded on to it. This is a huge convenience to your customer, especially if the iPod dock is located in a hard to get to equipment cabinet or utility room. The end-users PC must meet the following requirements:

Getting Started:

IMPORTANT: Before using this product, Make sure you have read the documentation and have installed iTunes on the end-users computer. Please refer to the iTunes and iPod documentation for directions on how to install and use them.

System Requirements:

- Windows computer with Windows XP or Vista (32-bit) version or higher.
- MAC Computer with Mac OS 10.2.7 to 10.4 (PPC version), Mac OS 10.4.3 or later (Intel version)
- 10/100 wired network or 802.11 b or 802.11g compatible wireless network

Configuring Windows Firewall for the PSX:

On windows based PC's, it is required to configure the Windows Firewall to allow File and Printer Sharing, if you plan to synchronize an iPod to iTunes on a network PC. Follow the instructions below:

 Click Start - Control Panel - Network and Internet Connections -Windows Firewall - Exceptions tab. Check the File and Printer Sharing checkbox and click OK.

wind	ws Firewai			
seneral	Exceptions	Advanced		
Window program to work	vs Firewall is bk is and services better but migh	scking incoming net selected below. Ad t increase your secu	work connection ding exceptions utly risk.	ns, except for the allows some programs
Program	ns and Services	8:		
Nam				
	and Printer SI	haring		
	11V00			
🗹 Be	mole Assistanc	e .		
	mote Desktop			
☑ \$>	Virtual Link			
Image: S ≥ S ≥ S ≥ S ≥ S ≥ S ≥ S ≥ S ≥ S ≥ S	UPTP			
	nP Framework	•		
	tual Link			
Add	Program	Add Port	<u>E</u> dit	Delete
🗹 Disp	lay a <u>n</u> otificatio	n when Windows Fi	rewall blocks a	program
What a	e the risks of a	llowing exceptions?		
				OK Cancel

Step 1 – Start the end-users PC and open Internet Explorer.

Step 2 - Turn off Windows Firewall and temporarily disable any anti virus programs running on the PC.

Step 3 – Configure the Windows firewall exceptions tab to allow "File and Printer Sharing".

• Click Start - Control Panel - Network and Internet Connections -Windows Firewall - Exceptions tab. Check the File and Printer Sharing checkbox and click OK.

😻 Windows Firewall
General Exceptions Advanced
Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.
Programs and Services:
blemo
✓ File and Printer Sharing
Ø iTunoe
Remote Assistance
SX Vitual Link
SXUPTP
UPnP Framework
Vitual Link
Add Program Add Port Edt Delete
Display a gotilication when Windows Firewall blocks a program
What are the tisks of allowing exceptions?
OK Cancel

Step 4 – Download the URC PSXLink installation software from the URC dealer website: <u>http://www.urccontrolroom.com/software_downloads.php?category=3</u>

- Step 5 Save the application to a directory on the end users PC.
- Step 6 Click on the Setup.exe icon to install the application.

Configuring the URC PSXLink window:

Step 1 - Click on the URC PSXLink icon located in the tool bar of your desktop.



Step 2 – Click on the tools button, in the lower right hand corner of the window, to open the general settings tab.



Step 3 – Select the basic settings options you desire and then click OK.

Option	×						
General							
Configure settings for basic operation of Dock Link.							
Basic settings	1						
Add to Start Menu							
✓ Start minimized							
Always display in front							
Do not display a confirmation message before disconnecting							
Refresh interval							
10 Second (min. 3 max. 60)							
OK Cancel Apply							

Syncing an iPod to iTunes on a network computer:

Step 1 - Click on the URC PSXLink icon located in the tool bar on your desktop.



Step 2 – The PSXLink window opens up displaying all the iPods present on the network and whether they're connected to iTunes on a network PC or not.

ĸ	×
Not connected	
\mathbb{R}	
	Not connected

Step 3 – Click on the iPod you want to sync to iTunes, and then click on the "Connect" button.



A pop-up window appears confirming connection to the iPod you selected.



The iTunes program opens up; the iPod becomes visible in the Devices menu and is ready for syncing. Syncing begins automatically, if you have chosen that option in the iTunes preferences menu, or can be managed manually.

File Edit Controls View Store Advanced	Help		iTunes				
	- 4 0	É			View Search		
LIBRARY	Genre		4	Artist	Album		
Music Movies TV Shows Podcasts Audobooks Regiones Solution	All (26 Genres) Alternative Alternative & Punk Blues Books & Spoken Classic Rock Classic Rock Country Easer Listenion		All (273 Artists) Complations AC/DC Ad Libitum Quartet Adagio Adagio - Vivace Aerosmith Agrus Dei , Op. 11 Air, Op. 10 "Tublesenus"	ĺ	All (509 Albums) Abacab Abbey Road Abbey Road Abbut Time Absolute Torch And Twang Achtung Baby Acoustic Acoustic Disc - Volume V Acoustic Disc - Volume V Acoustic Disc - Volume V		
STORE	Electronic Electronica/Dance		Air, Op. 10, Dubinesque Al DiMeola Alan Parsons Project		Across a wire: Live in New York Afterglow Agnus Dei: Music Of Inner Harmony		
▼ DEVICES ▶ ■ Jim Novak's iPod ■ ■	Folk Folk-Rock Fusion Gospel & Religious		Alanis Morissette Alfred Brendel, Neville Marrine Allegro Allemande	r; Academy Of St. Martin In The	An Via Musicom Aja All For You: A Dedication To The Nat All This Useless Beauty	King Cole Trio	
meke's LimeWire Tunes PLAYLISTS Party Shuffle 10's Music	Jazz Metal New Age Pop R&B		Allman Brothers Band Andreas Vollenweider Annie Lennox Aretha Franklin Aria, Op. 7, "Grand Canal"		The Allman Brothers-A Decade O The Allman Brothers Band At Fillmore Always Got Tonight American Fool American Garage	East	
Chili Peppers	Name	Time	Artist 🔺	Album	Genre	Track #	Year
My Top Rated	Wi Hells Bells Wi Shoot to Thrill Wi What Do You Do for Money Honey	5:12 5:18 3:36	AC/DC AC/DC AC/DC	Back in Black Back in Black Back in Black	Rock/Pop Rock/Pop Rock/Pop	1 2 3	1980 1980 1980
👔 On-The-Go 3 👔 On-The-Go 4	Givin the Dog a Bone Let Me Put My Love into You Back in Black	3:32 4:14 4:16	AC/DC AC/DC AC/DC	Back in Black Back in Black Back in Black	Rock/Pop Rock/Pop Rock/Pop	4 5 6	1980 1980 1980
On-The-Go 5 On-The-Go 6 Regeleration	Vou Shook Me All Night Long Have a Drink on Me	3:30 3:59 4:06	AC/DC AC/DC AC/DC	Back in Black Back in Black Back in Black	Rock/Pop Rock/Pop Rock/Pop	7 8 9	1980 1980 1980
low Playing	Rock and Roll Ain't Noise Pollution	4:15 6:55	AC/DC The Academy of St. Martin-i	Back in Black Die Zauberflöte	Rock/Pop Classical	10 1 of 19	1980 1989

Step 5 - The URC PSXLink window confirms that the iPod is connected to iTunes on a network computer.



Note: After you have successfully synced your iPod to iTunes, you <u>must</u> use URC PSXLink to eject it and disconnect it from iTunes, so it may become available to be controlled by the MX-6000 remote control.

Disconnecting the iPod from iTunes on a network computer:

Step 1 – Click on the disconnect button on the URC PSXLink window.



A pop-up window appears confirming that you are disconnecting from the iPod.



Step 2 - The URC PSXLink window confirms that the iPod is no longer connected to iTunes. The iPod is now available to be controlled by the MX6000 remote control.



PSX Installation Manual (PSX-1 and PSX-2) ver. 1.1

Trouble Shooting:

No connectivity

- Check to make sure the blue "power on" indicator light on the front panel is lit. If the light is not lit, verify that the 12Volt AC power supply is plugged into an un-switched AC outlet and the outlet is providing power.
- Check to make sure that the home network is connected and working. An Ethernet cable is plugged into the back panel of the PSX. There are two indicator lights on the Ethernet jack; a solid green light indicates the PSX is connected to the home network, a flashing amber light indicates network traffic to and from the dock. If green light is not lit, check to see that the home network router /switch connected to the PSX is powered on and working.
- Check to make sure the MX-6000 remote has not lost the Wi-Fi signal. If the MX-6000 remote control has lost the Wi-Fi signal it will automatically try to reconnect to the Wi-Fi network in five seconds.
- If an iPod in the PSX is getting synced to iTunes on a network computer it will not be available for use until it has been disconnected from iTunes using the URC PSXLink software tool.

PSX appears to have locked up

- Remove the iPod from the PSX, wait two seconds, then place it back in the dock. Make sure the iPod has not locked up. If it has, you will need to reset it. Follow the manufacturer's instructions on resetting the iPod. When placed back in the dock, the Universal Remote Control "connected" splash screen should appear on the iPod.
- If the URC splash screen does not appear, remove the iPod from the dock, reach around to the back of the PSX and press the "Reset" button, located on the far right side of the back panel, next to the 12Volt power plug.

The PSX will reset and resume operation after approximately five seconds. Place the iPod back in the dock. The Universal Remote Control "connected" splash screen should appear on the iPod and the PSX will resume normal operation.

Restoring Factory Default Settings

• Press and hold the "Reset" switch for ten seconds. Release the reset button. The PSX will be reset to the factory default setting. Use the URC PSXLink software tool to rename the dock and reconfigure the video output setting. Right click on the dock in the PSXLink window. Click on "Check Settings". Internet Explorer will open up and you will see the Web-based configuration interface. Click on the configuration tab. Enter a new dock name, select the appropriate video output mode, then click on the submit button. The information will be transmitted to the PSX and you will see a confirmation screen on the web interface.