



# Soloist 2S

## **Soloist 2S Quick Connect Guide.**

The Soloist 2S is designed to connect to a Network Audio and Video source that is crystal controlled. If using a source that is not, such as a consumer VCR or low end character generator as the default Network Input, a Time Base Corrector (TBC) must be placed between the source and the Video In on the Soloist 2S.

The Video, Audio and communication connections are clearly illustrated in Figure 1.0.

The connections are described in Table 1.0

**Table 1.0**

Label	Connection	Type
<b>SYNC/GEN/NET IN</b>	This is the Network Video Input. It should be an industry standard NTSC or PAL Composite video source that is crystal controlled. The MPEG 2 decoder uses this source to Genlock, if the source is not stable, unreliable MPEG 2 decoding may occur. Facing the rear of the unit, it is the right most BNC connector.	BNC
<b>VIDEO OUT 2</b>	This is the Preview Video Output. Do not connect this to your modulator, as this output is not bypassed on a power outage. Facing the rear of the unit, it is the second BNC connector from the right.	BNC
<b>VIDEO OUT 1</b>	Connect this to your modulator. This output is bypassed on a power outage. Facing the rear of the unit, it is the third BNC connector from the right.	BNC
<b>AUX VID</b>	This is the Auxiliary Video Input. It should be an industry standard NTSC or PAL Composite video source. It is NOT required to be crystal controlled, as the MPEG 2 decoder does not Genlock to this source. Facing the rear of the unit, it is the left most BNC connector.	BNC
<b>NET AUDIO IN</b>	This is the Network Audio Input.	5 Pin Removable Screw Terminal (RST)
<b>NET AUDIO OUT</b>	This is the Network Audio Output. This output is bypassed on a power outage.	5 Pin RST
<b>AUX AUDIO IN</b>	This is the Auxiliary Audio Input.	5 Pin RST



# Soloist 2S

<b>AUX GPI</b>	This is the Auxiliary GPI Input. Connect this terminal and the Ground or Common [C] terminal to a normally open switch. When the switch is latched, it will switch the Auxiliary "ON Air"	5 Pin RST
<b>AUDIO OUT LEFT AUDIO OUT RIGHT</b>	This is the MPEG 2 decoder audio output only. This is intended as a decoder preview only.	RCA
<b>EXT CUE</b>	NO Connect	3 Pin RST
<b>CBB</b>	NO Connect	Type F
<b>TALLY OUT</b> (Same connector as Auxiliary GPI)	This provides Normally Open and Normally Closed relay contacts and an Open Collector (OA) circuit for "On Air" tally status. The relays will change state and the OA will go to ground whenever the MPEG 2 decoder is running.	5 Pin RST
<b>10 BASE T Ethernet</b>	<p>Connect to a HUB or directly to a PC when using a reversed cable. Default TCP IP properties for all Adtec units:</p> <p>IP Address: <b>192.168.10.48</b>            Sub Net Mask: <b>255.255.255.0</b>            Mode: <b>Server</b>            User Name: <b>ADTEC</b>            Password: <b>NONE</b></p> <p>See the Symphony Quick Connect for details on connecting a PC to the unit (A simple DOS Telnet session can be initiated using the properties above). The Soloist 2 S includes a Keypad and LCD for basic configuration purposes. The IP Address and Sub Net Mask can be changed from the front panel.</p>	RJ45
<b>RS232 IN</b>	<p>Serial communications port. Default serial RS 232 properties for all Adtec units:</p> <p>Baud: <b>38,400</b>            Data Bits: <b>8</b>            Stop Bit: <b>1</b>            Parity: <b>Odd</b>            Unit Name: <b>Soloist</b> (The asterisk (*) symbol can be used if only 1 unit is connected to a serial port)</p>	RJ11
<b>RS232 THRU</b>	Serial communications port loop for connecting multiple units to a single communications port or modem.	RJ11



# Soloist 2S

SCSI 2	<p>Narrow 50 Pin SCSI 2 interface for connecting a Jaz drive. This is used to optionally load new MPEG 2 files into the unit.</p> <p><b><i>Never load or unload a Jaz diskette while the unit is playing video. Doing so will cause MPEG file macro blocking for approximately 10 seconds.</i></b></p> <p>Always load diskettes while the decoder is idle.</p>	Centronics 50 Pin
70-240 VAC 50-60 HZ	This is the AC line voltage input or Mains.	3 Pin Jack
GND	Chassis ground.	# 6 Machine Screw

The front panel of the Soloist 2S provides simple intuitive LED status. The Keypad Manual clearly defines the front panel.

The Soloist 2S was designed to be rack mounted and requires only one rack unit (1RU). It does NOT require blank spaces above or below to remain within it's designed operating temperatures. The Soloist 2S integrates a built in fan with side panel discharge; make sure the side discharge has at least 1" of clear space to allow for airflow.

Contact Information:

Customer Service: 1-615-256-6619

Available Monday through Friday 9 AM to 5 PM Central Standard Time (CST). Priority support plans available, please e-mail [support@adtecinc.com](mailto:support@adtecinc.com) for more information on available plans and pricing.

Internet: [www.adtecinc.com](http://www.adtecinc.com)

Thank you for choosing Adtec and the Soloist 2S for your MPEG 2 Playback needs.

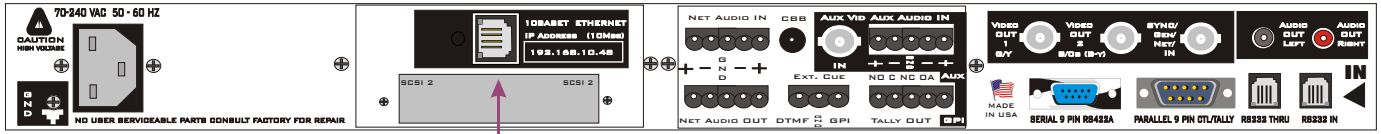
# SOLOIST-2S MPEG 2 Playback System

## Audio, Video and Communications Connections

### Front View



### Rear View

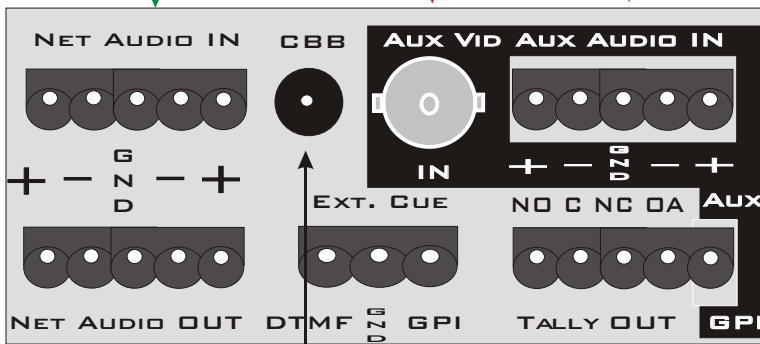


Ethernet In  
Default IP 192.168.10.48

Audio In from  
Network Source

Video In from  
Auxiliary Source

Audio In from  
Auxiliary Source



Audio Out to Modulator  
Power OFF relay bypass

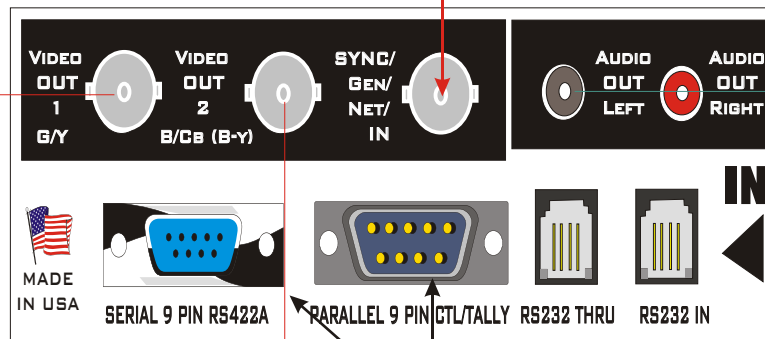
Not Used for LO

Auxiliary GPI Input

Video In from Network Source  
MUST BE CRYSTAL CONTROLLED

Video Out to Modulator  
Power OFF relay bypass

Audio Preview  
MPEG Only



Video Preview

**DO NOT connect Parallel  
and RS422 Ports**

From PC  
Comm Port  
Default 38400  
Baud, 8 Data,  
1 Stop, Odd  
Parity

