

Ad-Maestro™/Soloist™ pre installation survey

Ad-Maestro™ / Soloist™ Digital Commercial Insertion System Pre Installation Survey

Thank you for purchasing ADTEC's innovative digital commercial insertion system. This survey will assist ADTEC and your organization in preparing for a smooth, efficient and timely installation and start up of your new commercial insertion system. Please complete the enclosed survey and return it via fax to ADTEC's commercial insertion customer service at 904-720-5274.

Overview

The Ad-Maestro™ will provide all the necessary cue tone demodulation (Wegener not required if ADTEC CBD-xx demodulators purchased), stereo audio and video routing for two (2) TVRO (Network) feeds. It also provides control and stereo audio, video and synchronization for the Soloist™ Professional MPEG Player. Additionally, one auxiliary stereo audio and video input is provided.

Physical/Electrical Requirements

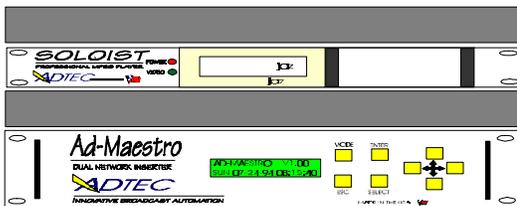
The Ad-Maestro™ is two rack units (2RU) or 3.5 inches tall. It is recommended to allow a single (1RU) blank panel between the Ad-Maestro™ and other hardware for natural convection cooling purposes. The Ad-Maestro™ with two (2) internal demodulators requires less than 15 watts of power and generates virtually NO heat.

The Soloist™ Professional MPEG Player is only one rack unit (1RU) or 1.75 inches tall . It has a built-in rear exhaust cooling fan with side inlet ventilation to provide forced air circulation and cooling. No additional blank panels are required in addition to the single (1RU) panels used around the Ad-Maestro™. The power consumption of the Soloist™ varies based on the number and type of drive used, with a single drive installed, typical power consumption will be less than 25watts.

In summary the combination of one Ad-Maestro™ and one Soloist™ with two single (1RU) blank panels is five rack units (5RU) or 8.75 inches. If rack space is at a premium, the blank panels can be removed with no adverse affect on the performance of either unit, and requires only three rack units (3RU) or 5.25 inches.

The following illustrations depict installations with and without blank panels.

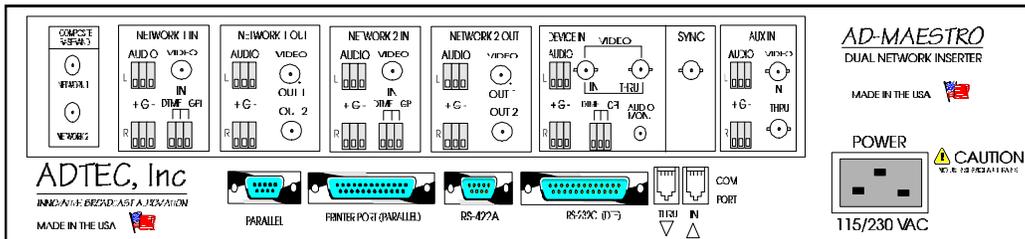
Ad-Maestro™/SOLOIST™ with blanks



Ad-Maestro™/SOLOIST™ without blanks



Ad-Maestro™ Rear Panel



Connections

The Ad-Maestro™ has the following **network** connection types:

Connection	Type	Notes
Network 1 and 2 Video In	Female F	RG 59 or 6 with industry standard F male connector
Network 1 and 2 Video Out	Female F	RG 59 or 6 with industry standard F male connector
Network 1 and 2 Audio In	3 Pin RST	3 Pin Removable Screw Terminal connector *1
Network 1 and 2 Audio Out	3 Pin RST	3 Pin Removable Screw Terminal connector *1

*1: The 3 pin RST connector provides a easily serviceable balanced audio connection. It is recommended to strip and tin all three conductors prior to inserting and clamping down the connections.

The Ad-Maestro™ has the following **device** connection types:

Connection	Type	Notes
Device Video In	Female BNC	RG 59 or 6 with industry standard BNC F male connector
Device Video Thru	Female BNC	Termination required *2
Device SYNC	Female BNC	Synchronization for Soloist™
Device Audio In	3 Pin RST	3 Pin Removable Screw Terminal connector *1
Device Audio Monitor	Female RCA	Combines both channels of audio for hi impedance audio previewing. No termination required

*2: Termination of the device video is required, if a preview system is utilized, it will provide the necessary video termination. If no preview system is utilized, then a 75 Ohm resistor terminator **MUST** be placed on this connector.

ADTEC offers two optional audio video harnesses to interface the Ad-Maestro™ and Soloist™. If these harness were not purchased from ADTEC, they can be made up utilizing either RG59 or RG6 coaxial cable and shielded three (3) conductor audio wire. ADTEC includes the RST connectors, but the BNC connectors and wire will be the responsibility of the cable operator. Belden 8241 coax and 8451 three conductor audio wire are recommended.

Audio/Video harnesses available to connect the Ad-Maestro™ and Soloist™

Harness	Notes
ADMSOULONBALAV	UN-Balanced stereo audio/video/SYNC harness to interface the Soloist™ RCA audio connections to the Ad-Maestro™ RST connections.
ADMSOLOBALAV	Balanced stereo audio/video/SYNC harness to interface the Soloist™ RST audio connections to the Ad-Maestro™ RST connections.

(Note. If your sales person has quoted the SOLOISTCI, the balanced audio upgrade and ADMSOLOBALAV are included.)

If these items were initially left off your purchase order, and you would like to purchase them, contact your sales person.

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The Ad-Maestro has the following **auxiliary** connection types:

Connection	Type	Notes
Auxiliary Video In	Female BNC	RG 59 or 6 with industry standard BNC F male connector
Auxiliary Video Thru	Female BNC	Termination required *3
Device Audio In	3 Pin RST	3 Pin Removable Screw Terminal connector *1

*3: Termination of the auxiliary video is required. A 75 Ohm resistor terminator MUST be placed on this connector.

Connection Responsibility

If a turn key system is purchased from ADTEC, and it incorporates a preview switcher, monitor and rack, ADTEC will provide the following.

1. All the required audio and video cable and connectors to make up the preview system.
2. All the required 10-32 hardware, rack mounts and accessories to mount all system components.
3. All 115 VAC power distribution and connections for Ad-Maestro™, Soloist™, and Monitor.
4. All rack blank panels required to dress system out.
5. If purchased, the Ad-Maestro™ and Soloist™ interconnections will be made by the specific harness.
IF NO HARNESS IS PURCHASED, THE OPERATOR WILL BE REQUIRED TO MAKE AND INSTALL THESE CONNECTIONS.
6. All RS-232 daisy chain connections and modem connection. **PHONE LINE INSTALLATION AND TERMINATION AT LOCATION OF RACK IS THE OPERATORS RESPONSIBILITY.**

If Ad-Maestro's™ and SOLOIST's™ are purchased with the preview system, and are to be installed in your existing racks, ADTEC will provide the following.

1. All the required audio and video cable and connectors to make up the preview system.
2. All the required 10-32 hardware, rack mounts and accessories to mount all system components.

If Ad-Maestro's™ and SOLOIST's™ are purchased with out the preview system, and are to be installed in your existing racks, ADTEC will provide the following.

1. All the required 10-32 hardware, rack mounts and accessories to mount all system components.

More About the MODEM

ADTEC requires a modem (preferably purchased from ADTEC) be connected to the Ad-Maestro(s)™ if **Priority 24** customer support is purchased. It is also recommended that a modem be installed even if a local (inside the same facility) connection can be made and any customer support is desired. ADTEC is not responsible beyond connecting the modem to the RJ-11 jack located in the head end. The RJ-11 jack must be placed within 6 feet of the first Ad-Maestro in the system. The operator is responsible for ordering and maintaining the telco interface so that customer support may be maintained.

Encoder

ADTEC offers four basic encoding models. The plus (+) models include V-LAN tape deck control. The list below is abbreviated and may not contain your specific model, contact your sales person if you require additional information. Beyond having a tape deck that can be controlled by V-LAN, you will require at least one (1) video monitor to assist in marking commercial in and out points for encoding. All video, audio and control cables required for encoding are provided by ADTEC.

Manufacturer	Model	Notes
SONY	VO-9800/VO9850	No additional hardware required
SONY	UVW-1200/UVW-1400	Requires special DB9 to DB25 RS232 control cable. Included with V-LAN when either model is specified.

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Remote communications with the Ad-Maestro's™ is required for customer support. Please list the area code and phone number for the system. If the number is accessed through a PBX please list the extension and additional number required.

Area code and phone number:

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PBX or extension:

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Tape Deck available for encoding.

Make	Model

Monitors available for encoding.

Make	Model

If using existing rack space, how many rack units (RU) are available for the install.

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Special notes or questions.

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