



**MONITORING
COMPANY**

Le spécialiste du monitoring vidéo & audio

**MXL-AV-1000
MARSHALL**

MXL-AV-1000 Audio/Video Control Center

The AV-1000 is an integrated monitoring system for use in teleconferencing, courtrooms and any presentation environment where large video monitors are not practical. The small footprint, similar in size to a normal microphone base, makes the AV-1000 ideal for use where space is a limitation. The High Resolution (960x234 pixels) and ultra bright (210 candle luminance) color LCD display is visible even under the brightest lighting conditions. Dual video inputs display normal composite signals or switching to VGA for computer graphics display. External switching of the AV-1000's video mode is also provided via a rear panel mounted DB-9 connector.

The AV-1000 can be used with most commercially available gooseneck microphones and has a built-in Mic switch operating from externally supplied +48V phantom power. The Mic switch may be disabled, or programmed to function as «push to mute», «Push to talk» or «latching», as required. Two user definable function buttons provide contact closure for a variety of external switching applications. A 12VDC power supply is included with the AV-1000.



1. Picture Adjust Controls
2. Mic Switch Mode
3. Mic Switch Disable
4. Remote Function DB-9
Function 1 (pins 1 & 6) Provides latching ON/OFF
Function 2 (pins 2 & 7) Provides latching ON/OFF
Remote Video (pins 9 & 4) Provide momentary closure
Remote VGA (pins 9 & 5) Provide momentary closure
5. Power ON/OFF
6. 12VDC
7. Audio Output XLR (provide phantom +48V)
8. Composite Video RCA
9. VGA Input 640x480 DB-15

- **Hi Resolution Full Color LCD Monitor**
- **VGA and Composite Video Inputs**
- **Two User definable Function Keys**
- **Remotely controllable**
- **Programmable audio muting**
- **Compatible with most Gooseneck Mics**

Architect's and Engineer's Specification

The base shall be metal, grey soft-touch finish, 6 1/8"W × 7 1/4"D × 2 3/4"H and contain a 5" Color, High Resolution (960×234 pixels) Active Matrix LCD Screen. The screen shall have two switchable inputs for VGA and Composite Video. The video inputs shall be externally controllable via a rear mounted DB-9 connector. There shall be controls for brightness, color, tint and contrast. Two user definable latching switches shall be provided, enabling contact closure for control of external devices via a DB-9 rear mounted connector. Audio switching shall be controllable via a front mounted switch operating from an external +48v Phantom Power Supply. The switch shall have the ability to be disabled and programmed to function as push to talk, push to mute, and latching/non-latching via a side mounted matrix. The LCD screen shall operate from 12VDC@500mA. The base shall be called the MXL AV1000.

Specifications

Display (Viewing Area)	5" (12.1cm × 7.5cm)
Resolution (Pixels)	960H × 234V
Dot Pitch	0.107mm × 0.320mm
Brightness (in cd/m²)	350 cd/m ²
System	NTSC - MXL-AV-1000 PAL - MXL-AV-1000-PAL
Dimensions	15.6cm × 18.4cm × 6cm
Power Consumption	12VDC @ 400mA for Video and Phantom Power 48V formute system



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