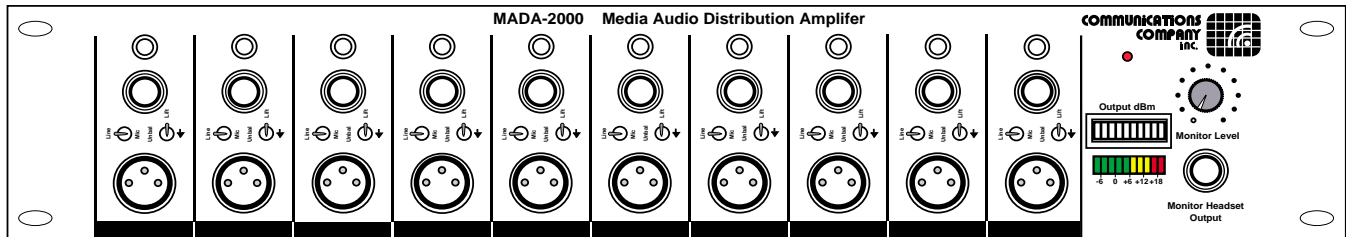




## Media Audio Distribution Amplifier



Why put up with the necessity of placing numerous unsightly microphones on a podium, that block the sight lines to the speakers, just to provide recording feeds to print and TV reporters. With the MADA-2000 there only needs to be one microphone to provide that recording feed. The Media Audio Distribution Amplifier is an audio mixing & distribution amplifier that is capable of supplying audio to reports and sound cameramen at press conferences. The amplifier/mixer portion of the MADA-2000 provides two (2) microphone and one (1) line inputs which in turn feed the mixed signal to ten (10) fully insulated microphone or line level outputs. Each output is equipped with assorted standard connectors assuring easy access by the media. Other uses include: "on locations" recording, interfacing large audio systems at conventions, and isolating signals in applications where AC ground currents might present problems.

The MADA-2000 features up to 60db of gain... low output noise (-90db)...low distortion (less than .25% THD at full rated output) and flat frequency response (+/- 0.5db 24-18kHz).

The MADA-2000 amp is self-contained with its own power supply and features differential balanced inputs with Op-Amp transformer isolated outputs. Isolation between outputs is well over 100db. All outputs, including headset monitoring jack, monitor level control and Bar LED level indicator are located on the front panel. Each of the ten (10) outputs are independently selectable to line or microphone level with each having selectable ground isolation to solve ground current problems. The rear panel contains XLR input connectors, phantom power control, mixing level controls and LED system level indicators. Link in/link out connectors are also mounted on the rear panel, enabling cascading MADA-2000's to allow for multiple input and outputs.

### Specifications

- Type:** Audio Distribution Amplifier
- Frequency Response:** +/- .5db - 24 Hz to 18kHz
- Inputs:** Two balanced microphone inputs  
One balanced line input
- Input Source Impedance:** Microphone 1k ohms  
Line 7.5k ohms
- Number of Outputs:** Ten (10) Line/Mic selectable
- Link Connection:** 600 ohms 0dbm
- Maximum Gain:** 60db, continuously variable
- Maximum Output:** +20dbm into 600 ohms
- Nominal(system) Output:**
  - +4dbm into 600 ohms (Line)
  - 60dbm into 1k ohms (Mic)
- Output Source Impedance:**
  - 600 ohms (line)
  - 220 ohms (mic)
- Distortion (THD):** .25% at maximum rated output
- Signal to Noise Ratio (=4dbm):**
  - 90db, 24 hz - 18khz
  - 600 ohms source, 600 ohm load, unweighted
- Isolation Between Outputs:** 100db, 30 hz - 18khz
- Output Metering: LED Bar Graph:**
  - Green (below 6db), Yellow (+15db), Red (+21db)
- Output Monitoring:** Headphone Jack 600 to 1500 ohms stereo
- Connections:**
  - Inputs: XLR female 3 pin
  - Outputs: XLR male 3 pin, 1/8" mini phone, 1/4" phone
- Dimensions:** 19" w x 3.5" h x 4.5" d  
47.5cm x 8.75cm x 11.25cm
- Weight:** 6lbs (2.7kg)
- Power Requirements:** 106 - 130 VAC, 50-60Hz 25 watts