

DA-30A



J.W. Davis DA-30A

FEATURES

- 6 inputs; 4 Low Z microphone (1 switchable to telephone level), 1 Aux or CD.
- 30 watts of continuous power on 8 ohm, 25 volt, or 70 volt outputs.
- Phantom power available on all microphone inputs.
- VOX and contact closure muting capabilities.
- Operates from 120V/60Hz or 12V/DC power source.
- Separate bass and treble controls.
- Selectable microphone priority muting.
- Rack mountable (part # RAK-30/60A).

DESCRIPTION

The versatility of the J.W. Davis DA-30A public address amplifier makes it the solid state choice for today's sound contractor. With up to 4 balanced, low impedance, microphones, Aux and CD inputs, the DA-30A offers VOX precedence of the switchable mic1/telephone paging input over program material and the ability to assign muting priority to mics 2, 3, and 4. Contact closure muting and available phantom power on each mic input make the DA-30A capable of meeting the demands of virtually any installation. Along with a standard 100mV auxiliary input, a separate 360mV CD input also is provided to accommodate stronger signal sources. Parallel tape and booster outputs are provided to feed other devices.

The DA-30A is compatible with both 120V/60Hz and 12 Volt DC power sources for automatic backup and emergency systems. Weighing only 13 lbs., with dimensions 17"(W) x 9"(D) x 3¹/₂"(H), the DA-30A is rack mountable using the RAK-30/60A available from J.W. Davis & Company.

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NEW TECHNOLOGY



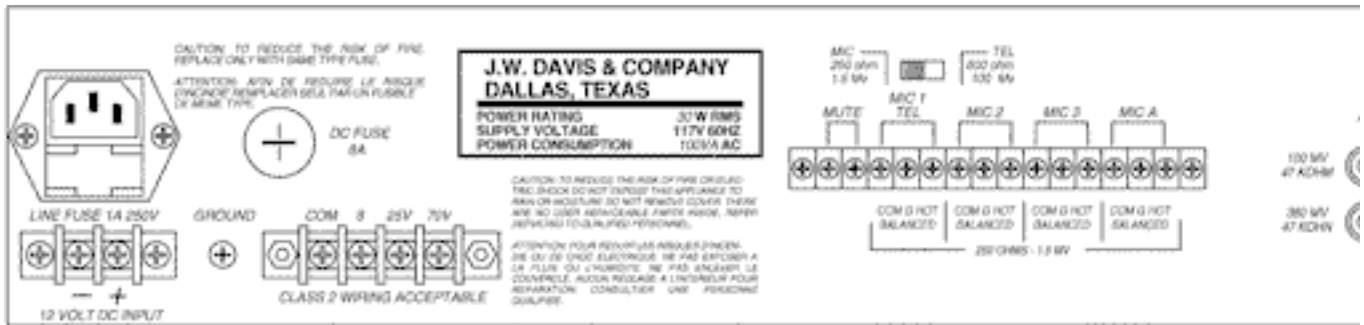
OLD RELIABILITY

J.W. Davis & Company

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DA-30A



SPECIFICATIONS

- Power Rating — — — — 30 watts continuous on 8 ohm, 25V, or 70V output
- Frequency Response ——— 50Hz - 15kHz ± 3dB
- S/N Ratio (tone controls flat) — Mic: 1-4 > 60dB
Tel: > 75dB
Aux/CD: > 75dB
- THD — — — — — > 2% @ 1kHz, rated power
- Inputs — — — — — Mic: (four) 600 ohm, 1mV balanced
Aux: 47K, 100mV
CD: 47K, 360mV
Telephone: 600 ohm, 100mV, VOX muting
- Outputs — — — — — Speakers: 8 ohm, 25V, 70V
Booster out: 600 ohm, 500mV
Tape out: 600 ohm, 500mV
- Mute — — — — — Less than -40dB (switchable for mic2, mic3, and mic4)
- Controls — — — — — Mic 1/Telephone: Volume control
Mic 2: Volume control
Mic 3: Volume control
Mic 4: Volume control
Aux/CD: Volume control
Bass control
Treble control
Power switch
- LED Indicators — — — — Power indicator, Level indicator
- Power Supply — — — — 120V/60Hz or 12V/DC
- Power Consumption — — — 100VA, 60 Watts DC
- Dimensions — — — — — 17"W x 9"D x 3 1/2"H
- Weight — — — — — 13 lbs.
- Shipping Weight — — — — 14 lbs. 15 ozs.

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The public address amplifier shall be a J.W. Davis model DA-30A having a 30 watt continuous power rating on 8 ohm, 25V, or 70V speaker line outputs. With up to 4 low impedance, balanced, microphone inputs and two high impedance auxiliary inputs, the unit design shall include VOX and contact closure muting capabilities with the option to configure the order of muting priority for microphones 2, 3, and 4. One low impedance input shall be switchable to telephone level.

The front panel shall include 3 dedicated microphone volume controls, 1 mic/telephone volume control, an Aux/CD volume control and bass and treble controls. An on-off switch and LED power and level indicator shall also be present. The rear panel shall include screw terminals for 8 ohm, 25V, and 70V outputs and RCA type booster and tape outputs. There shall be screw terminal inputs for the microphone, muting, and DC supply inputs. A switch for selecting microphone or telephone level paging input for the first input shall be present.

The unit shall be compatible with a standard 120V/60Hz or 12V/DC power source. All microphone inputs shall offer phantom power. The dimensions of the unit shall be 17"(W) x 9"(D) x 3 1/2"(H) and weigh no more than 13 lbs. The DA-30A shall be rack mountable in a standard 19" cabinet using the RAK-30/60A kit available from J.W. Davis and Company.