

10W TABLETOP MIXER-AMPLIFIER 70V/100V

Model: DA10T



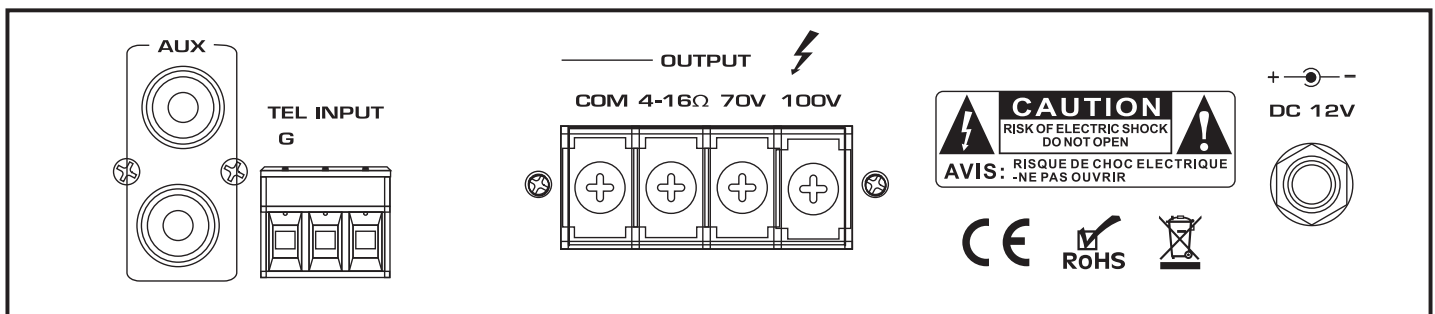
Description: The DA10T provides 10 watts of power for speakers which can be 70V, 100V, or 4 - 16 ohm speakers. Three inputs allow for microphone, line level (BGM), and telephone paging with level controls for each input on the front panel. Bass and treble controls are also present, so you can tailor the response to suit your specific needs.

For added flexibility, the DA10T operates on 12 VDC, and includes a 120 VAC 2A power adapter. For DC operation, simply supply 12V power via the 2.1 x 5.5 mm power jack (plug not included).

Dayton Audio's new commercial mixer-amps have a no-nonsense design for easy installation and use, and several power levels to choose from, so you're sure to find one that meets your needs. Features like 70V/100V or 4 - 16 ohm output and mic/telephone priority muting provide maximum flexibility. And, with the same uncompromising standards of quality and value you've come to expect from Dayton Audio, you know it will be sounding great for years to come.

Features:

- Rated Power: 10W
- 70V, 100V constant voltage outputs and 4-16 ohms constant resistance output.
- 1 channel MIC one-port input (55 mV/500 ohms) and 1 channel (300 mV/500 ohms) AUX input.
- 1 channel TEL input (sensitivity: 1V/500 ohms).
- Built-in treble and bass adjustment (bass: 10 dB at 100 Hz, treble: 10 dB at 10,000 Hz).
- Built-in priority functions, including priority level as follow: TEL override AUX and MIC, MIC is second priority, override AUX signal except TEL signal.



Technical Specifications:

Model	DA10T
Speaker output	4~16 ohms, 70V, 100V
Power source	12 VDC
Power consumption	15W
Tone control (Bass: 100 Hz, Treble: 10 kHz)	± 10 dB
Weight	3.97 lbs.
Dimensions	7.87" W x 5.91" D x 1.73" H
Amplifier section (Amp in @ 1 kHz, 8 ohm load output)	
Rated power output (THD 1%)	10W
Input sensitivity/impedance	1V/20,000 ohms
Frequency response (@ 1 kHz half-power output)	80 - 16,000 Hz (+1 dB/-3 dB)
MIC input section (MIC in @ 1 kHz, preamp out)	
Input sensitivity/impedance	55mV/500 ohms
AUX input section (AUX in @ 1 kHz, preamp out)	
Input sensitivity/impedance	300mV/500 ohms
TEL input section (AUX in @ 1 kHz, preamp out)	
Input sensitivity/impedance	1V/500 ohms

Architect & Engineer Specifications:

The amplifier shall be a Dayton Audio DA10T. The amplifier shall provide 70V or 100V constant voltage output with the ability to produce 10 watts. The amplifier shall also provide 4 - 16 ohms constant resistant output. The amplifier shall have an input impedance of 1V, 20,000 ohms at 1 kHz, 8 ohm load output.

The amplifier shall provide three inputs including a 1/4" microphone line level (BMG), balanced AUX (RCA), and a telephone phoenix connector input. The MIC input selection shall provide 55mV, 500 ohm input impedance. The AUX input shall provide 300mV, 500 ohms input impedance. The TEL input shall provide 1V, 500 ohms input impedance. Each input shall have a continuously adjustable input level control mounted on the front panel of the amplifier.

A power indicator on the front panel of the amplifier shall provide the amplifier's power status. The indicator shall illuminate when power is being supplied to the amplifier and the amplifier is turned to the "On" position. The amplifier shall provide an alarm sound when powered on if the amplifier is overloaded, short circuiting, or the input voltage is not stable, too high or too low.

The amplifier shall drive either the 70V, 100V, or 4-16 ohm output at a single time. If 70V/100V voltage is used the speakers must use a transformer. The total power wattage of the speakers must be 15% less than the power wattage of the amplifier. The total load impedance of the speaker system shall be 490 ohms in 70V configuration and 1,000 ohms in 100V configuration.

The front panel shall provide adjustable bass and treble controls for the output of the amplifier. The bass control shall provide an adjustable boost or cut of 10 dB at 100 Hz, the treble control shall provide an adjustable boost or cut of 10 dB at 10,000 Hz. The amplifier shall provide a frequency response of 80 - 16,000 Hz (+1 dB/-3 dB) at 1 kHz, half power output.

The amplifier shall provide a priority mute function where TEL has priority over all other inputs. MIC is secondary priority, adjusting the mute level shall override all other input signals except for the TEL input.

The amplifier shall operate on 12 VDC via 2.1 x 5.5 mm power jack (not included). The amplifier shall include a 120 VAC 2A power adapter. The amplifier shall consume 15 watts of power while in operation.

The amplifier shall have a compact, lightweight size. The amplifier shall have dimensions of 7.87" W x 5.91" D x 1.73" H. The amplifier shall have a weight of 3.97 lbs.



daytonaudio.com
tel + 937.743.8248
info@daytonaudio.com

705 Pleasant Valley Dr.
Springboro, OH 45066
USA

