



MCA10004t PRODUCT SPECIFICATIONS

Description	Dante-Enabled Networking Amplifier	
Output Power	Stereo/Matrix 16Ω×4: 350W×4	
	Stereo/Matrix 8Ω×4: 700W×4	
	Stereo/Matrix 4Ω×4: 1000W×4	
	Bridged 16Ω×2: 1000W×2	
	Bridged 8Ω×2: 2000W×2	
	Fixed Voltage 70V@6.1Ω: 800W×4	
	Bridge Fixed Voltage 100V@6.6Ω: 1500W×2	
Inputs	Euroblock balanced / unbalanced, DANTE, AES3 digital audio	
Input Sensitivity	2dBu/6Bu/12dBu	
Input Resistance	20kΩ balanced	
Frequency Response (@1W power)	20Hz-20KHz ±1dB	
THD+ N (@ 1/8 power)	≤0.05%	
SNR (A-weighted)	≥96dB	
Damping Coefficient (@ 1KHz)	≥200@ 8 ohms	
Isolation (@ 1KHz)	≥95dB	
Protection Method	Over-current protection, DC protection, Short-circuit protection	
Indicator Light	Power, Protection, Distortion	
Cooling Method	Fan cooling	
Power Supply	~110V 50Hz	~110V 60Hz
	~120V 50Hz	~120V 60Hz
	~220V 50Hz	~220V 60Hz
	~230V 50Hz	~230V 60Hz
	~240V 50Hz	~240V 60Hz
Max Power Consumption (all channels driven, pink noise input)	1380W	
1/8 Power Consumption (all channels driven, pink noise input)	1140W	
Dimensions	19"x 16.63"x3.47" (484×422.5×88mm)	
Weight	23.3lbs (10.6Kg)	

Product Features

- Standard 19-inch chassis design with a height of 2U.
- The high-efficiency switching power supply, coupled with PFC, and class D digital amplifier technology deliver extremely low output distortion and high efficiency.
- The high-end DSP allows for built-in functions such as compressor, limiter, FIR processor, noise gate, parametric equalizer, matrix router, delay, high and low pass filtering, and other DSP functions.
- The amplifier supports matrixed and bridged output modes. Matrix mode allows for four independent output channels, while bridged mode will combine two of the four channels and allow for 100V fixed voltage output, high wattage 8 ohm, and 16 ohm outputs.
- Fixed voltage and fixed resistance modes: 4Ω, 8Ω, 16Ω, 70V, 100V,
- The front panel offers a 4.3-inch IPS display supporting capacitive touch control. Through the front panel display, the user can monitor items such as mains voltage and current, amplifier status, amplifier temperature, output mode, amplifier real-time voltage, current, and power, channel volume, and speaker impedance.
- The amplifier supports TCP/IP and allows for remote connection to the amplifier using the STNet MCA Control software.
- Adjustable input sensitivity options: 2dBu/6dBu/12dBu, set through PC software or LCD screen.
- Supported input sources: Analog, AES3 digital audio, and Dante network. AES3 and Dante inputs will be ducked for an analog input on the same channel. Only channels A and C support AES3 digital audio input.
- The amplifier will automatically calculate the connected speaker's impedance and display the impedance on the front panel display and STNet MCA Control.
- The amplifier will enter standby when there is no input for 30 minutes. The amplifier will exit standby if input is applied, the power button is held, or the amplifier is commanded through the MCA STNet Control software. The amplifier supports entering and exiting standby remotely through the MCA STNet Control software. "Wake" time is approximately 5 seconds.
- The amplifier's network TCP/IP function can manage multiple devices and the network interface can be cascaded.
- The RS485 port can be utilized to support external control.
- Wide Voltage Operation: 110-240VAC.

SoundTube®

13720 W. 109th St., Lenexa, KS 66215

Phone: 913.663.5600 • Fax: 913.663.3200

Toll Free: 855.663.5600

www.soundtube.com