



APPLICATIONS

- ▶ LARGE TOURING & LIVE PRODUCTIONS
- ▶ THEATERS & AUDITORIUMS
- ▶ COMMERCIAL INSTALLATIONS
- ▶ CLUBS, BARS

TECHNICAL SPECIFICATIONS

GLK 540M

CHANNELS [INPUT / OUTPUT]		4	
RATED POWER OUTPUT		TOTAL 10400W ^{TPL} 5400W _{RMS}	BRIDGE MODE TOTAL 5400W _{RMS}
PER CHANNEL [INDEFINITE OPERATION ¹ ALL CHANNELS DRIVEN; THD+N < 0.001% ; 20Hz - 20kHz; TONE & TONE SWEEP]	2Ω ^{TPL}	4x 2700W	2Ω ^{TPL} NOT RATED
	4Ω	4x 1350W	4Ω 2x 2700W
	8Ω	4x 675W	8Ω 2x 2700W
TPL		POWER STATED REPRESENTS OUTPUT THAT IS SOLELY GOVERNED BY THE THERMAL LIMITS OF THE AMPLIFIER AND THE TYPE OF AUDIO PROGRAM. SHOULD THE THERMAL LIMITS BE EXCEEDED IN OPERATION, THE AMPLIFIER SHALL LIMIT THE POWER OUTPUT TO MAINTAIN OPERATION. OPERATION AT STATED LEVELS HAVE NO IMPACT ON PERFORMANCE OR WARRANTY COVER.	
AMPLIFICATION TOPOLOGY		PWM (CLASS -D) WITH FBQ™ DRIVE NFB™ ARCHITECTURE AUTO LO-Z / HI-Z (70V/100V) OPERATION	
Total Harmonic Distortion (THD) @ Full Rated Output		< 0.001%	
Signal To Noise Ratio		>108dB-A	
Crosstalk		>108dB-A	
Damping Factor		>3000	
Input Sensitivity		1.774V _{RMS} (7.2 dBu)	
Input Configuration		BALANCED BUFFERED ANALOG + AES67 INPUTS	
Frequency Response		6Hz ~ 42kHz (-0.5dB)	
DSP (integrated)		24-bit 48kHz/96kHz Sampling Rate	
		AGC Compressors Delay Limiters Loudspeaker Command™	
		31-Band Input G-EQ 8-Band Output P-EQ Matrix Mix Routing	
Networking		AES70 OCA Network Control & Monitoring DCHP Compatible via Ethernet, Assignable IP	
Connectors		INPUT: 4x Neutrik XLR OUTPUT: 2x NL4MPXX 4-Pole SpeakON NETWORK: 2x Neutrik etherCON AC MAINS: Neutrik PowerCON XX	
Environment (Operation)		0°C - 45°C; 0-90% RH (Non-Condensing)	
Thermal Management		Active FMD Control; Forced Cooling	
Fault Protection CASS™		DC ; VHF ; O/P Soft Start ; O/P Short Circuit ; Peak Current Limiting Under /Over Voltage ; Inrush Current Limiting ; Line Transients Thermal Limiting and Overload	
Mains		150V ~ 290V AC 47 ~ 63 Hz LN+PE	
Form Factor (W X H X D)		482mm (EIA 19") x 44mm (1RU) x 452mm	

¹ **INDEFINITE OPERATION** refers to operation of the amplifier with no limits on time or performance.

Our method of measuring power output for the GLK series involves using sine waves of varied frequencies that are designed to impose wider duration of loading i.e. 33ms (as compared to existing standards) at a 36% duty cycle on the amplifier.

This method exceeds the maximum duration and duty cycle imposed by any type of audio program signal.

In contrast, the EIA-J test imposes a much shorter 8ms burst load with a duty cycle of 20% while the CEA test imposes a 20ms burst load at 4% duty cycle on the amplifier.

RESEARCH & DEVELOPMENT OF CUTTING TECHNOLOGIES IS THE WAY OF LIFE AT KLM POWER AND WE RESERVE THE RIGHT TO CHANGE ALL SPECIFICATIONS WITHOUT PRIOR NOTICE AND DISCLAIM ALL DIRECT AND INDIRECT LIABILITIES ARISING OUT OF SUCH CHANGES, INCLUDING UP-GRADATION OF EXISTING PRODUCTS TO NEW SPECIFICATIONS.