

# Speaker Selector / Distribution Amplifier /Compressor Limiter - Gate



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## Speaker Selector



## Compressor Limiter/Gate

Professional Edition For Good Sound and Operational

- NEUTRIK XLR Connector
- ALPS Potentiometer, Push Switch
- THAI Low Distortion VCA IC
- Transformer Hum Shielding

### SPECIFICATION

### DSL-10

Parameter	
Mode Selection	4 Function; SINGLE/DUAL/MIX/CHOOSE
Zone Selection	2 Zone; A 1-5/B 6-10/TRACK ZONE A,B
Other Selection	ALL ON/ALL OFF/RESET
Binding Post Connectors	A-B INPUTS /1-10 OUTPUTS
Relay Channel Contact	220Vac 15A max
Supply False Protection	Full Online Memory Status
Dimension WxHxD	483x88x223mm
Weight kgs/lbs	4.8Kg / 10.56lbs
Power Requirement / Consumption	220Vac /18VA

### SPECIFICATION

### CLG-2 Pro

<b>Inputs (1/4" TRS Phone and XLR)</b> Impedance Maximum Level CMRR	Floating Balanced; XLR: Pin 2 and TIP HI, >50k $\Omega$ balanced, >25k $\Omega$ unbalanced +24dBu, Balanced or Unbalanced >40dB at 1kHz, typically >55dB
<b>Sidechain Insert (1/4" TRS Phone)</b> Impedance Maximum Level	Normalised; Ring=Output (send); Tip=Input (return) Tip = >10k $\Omega$ (Input) +24dBu
<b>Outputs (1/4" TRS Phone)</b> Impedance Maximum Level  Frequency Response  Noise THD+N  SMPTE/MD	Floating Balanced; XLR: Pin 2 and TIP HI 120 $\Omega$ balanced, 60 $\Omega$ unbalanced +21dBu, >+20dBu into 600 $\Omega$ , balanced or unbalanced  20Hz - 20kHz; +0, -0.5dB, Typical 3dB points are 0.35kHz and 110kHz, unity gain  <-90dBu, 22Hz to 22kHz, no weighting, unity gain Typically <0.04% ; Any Amount of Compression up to 40dB@1kHz Typically <0.1% @+10dBu (15dB Gain reduction)
<b>Compressor</b> Threshold Range Threshold Characteristic Compression Ratio  Attack Time  Release Rate	-40dBu to +20dBu Selectable OverEasy or Hard Knee Variable; 1:1 to Infinity; 1;60dB Maximum Compression  Variable program-dependent; 3ms to 340ms for 15dB gain reduction Variable program-dependent; 200dB/Sec to 3dB/Sec
<b>Expander/Gate</b> Threshold Range Expansion Ratio Maximum Depth Attack Time Release Time	OFF to +15dBu 10:1 >60dB <500 $\mu$ s (from Maximum Depth) Adjustable, 30ms to 3sec (to 30dB attenuation)
<b>Peak® Stop Limiter</b> Threshold Range	0dBu to +20dBu
<b>Gain Adjustment Range</b>	Variable; -20dB to +20dB
<b>Interchannel Crosstalk</b>	<-80dB, 20Hz to 20kHz
<b>Dynamic Range</b>	>115 dB
<b>Stereo Coupling</b>	True RMS Power Summing™
<b>Operating Voltage</b>	220 VAC 50/60 Hz
<b>Power Consumption</b>	20 Watts Maximum
<b>Operating Temperature</b>	0° C to 45° C (32° F to 113° F)
<b>Dimensions (WxHxD)</b>	483 mm x 44 mm x 235.5 mm
<b>Rack Space</b>	1 Rack Unit (1U High)
<b>Weight</b>	Net weight: 8.03 lb (3.65 kg)



## Distribution Amplifier

- เป็นเครื่องแยกสัญญาณเสียง
- มีอินพุตพร้อมปุ่มกด 4ช่อง และเอาต์พุตพร้อมปุ่มกด 8ช่อง
- มีสวิตช์เลือกใช้อินพุตกับเอาต์พุตแบบสเตอริโอ 4x8 ช่อง
- ช่องอินพุตและเอาต์พุตทั้งหมดเป็นแบบอิมพีแดนซ์บาลานซ์ XLR

### SPECIFICATION

### DA-408

<b>Frequency Response</b> 20Hz-20kHz	+0,-0.3dB
<b>Hum &amp; Noise:</b> @ All max Gain 20Hz-20kHz	-75dBu
<b>Distortion THD+N</b> @ +4dBu 20Hz-20kHz	<0.01%
<b>Crosstalk</b> Channel to Channel @ 20Hz-20kHz	>50dB
<b>Audio Inputs</b> Type Connectors Input Impedance Input Sensitivity Gain Maximum Input Level CMRR: @ 20Hz-20kHz	Electronic Balanced Female 3-Pin XLR-Type 10K $\Omega$ Unbalanced 20k $\Omega$ Balanced Nominal +4dBu-15dB to +6dB +22dBu >50dB
<b>Audio Output</b> Type Connectors Recommended Load Impedance Maximum Output Level Output Gain	Electronic Balanced Male 3-Pin XLR-Type 600 $\Omega$ or Greater +27dBu -15dB to +6dB
<b>Power Requirement</b>	220V 50Hz 15VA
<b>Dimensions (WxHxD)</b>	483x44x178mm
<b>Weight</b>	2.6kg/5.72lbs

Note: 0dBu=0.775Vrms, 0dBV=1Vrms

