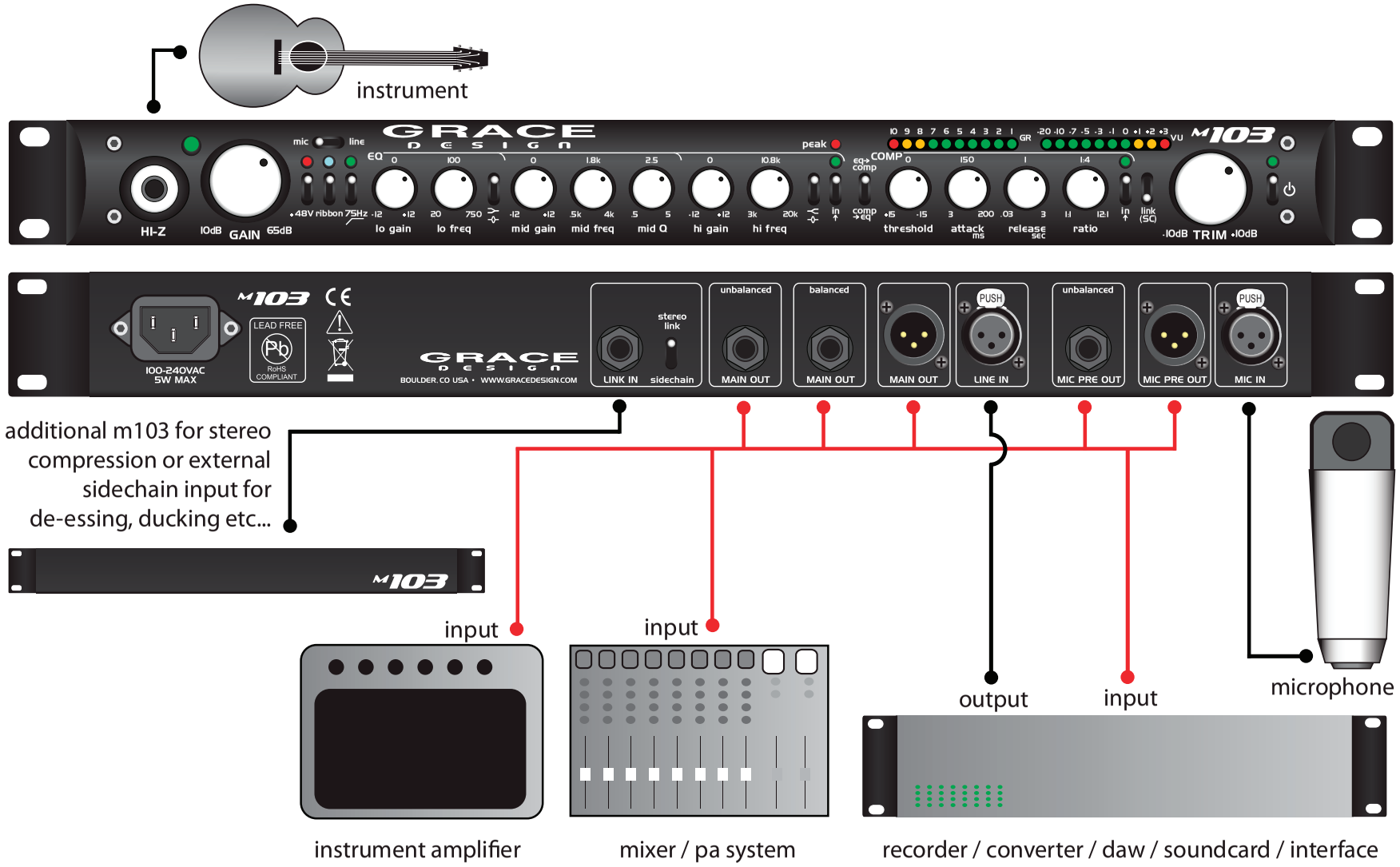
Wiring Diagram



Specifications

MIC AMP SECTION MEASURED AT MIC AMP OUTPUT	
GAIN RANGE (5dB steps)	
Mic input	10-65dB
Hi-Z input	-10-45dB
THD+N 1kHz, 22Hz-22kHz BW	
@ 20dB Gain +20dBu out	<0.00085%
@ 40dB Gain +20dBu out	<0.0010%
@ 60dB Gain +20dBu out	<0.0050%
INTERMODULATION DISTORTION	
@ 40dB Gain +20dBu out	
SMPTE/DIN 4:1 7kHz/50Hz	<0.0020
NOISE - REFERRED TO INPUT @60dB Gain 22Hz-22kHz BW	
50Ω source	<-130dB
150Ω source	<-128dB
600Ω source	<-124dB
CMRR @60dB Gain, 3.5Vcm	
100Hz	>60dB
1kHz	>75dB
10kHz	>65dB
FREQUENCY RESPONSE	
Mic input @ 40dBm Gain -3dB	3.7Hz-140kHz
Hi-Z input @ 20dB Gain -3dB	1.2Hz-112kHz
IMPEDANCE	
Mic input	8.1kΩ
Mic input, Ribbon mode	20kΩ
Hi-Z input (unbalanced)	2.5MΩ
Hi-Z input (balanced)	5MΩ
Balanced Output	300Ω
Unbalanced Output	150Ω
PEAK LED METER	
Green threshold	-10dBu
Red threshold	+16dBu
MAXIMUM OUTPUT LEVEL	
100k Ohm load, 0.1% THD	+28dBu
EQ/COMP SECTION	
GAIN RANGE	
Output Trim	-10 - +10dB
EQ: 3 Bands of 0-12dB Cut or Boost	
Low Frequency Range	20Hz – 750Hz
Mid Frequency Range	500Hz – 4kHz
Mid Frequency Q	0.5 – 5
High Frequency Range	3kHz – 20kHz

Compressor – Inserts Pre or Post EQ	
Threshold Range	-15 - +15 dBu
Attack Range	3 – 200 ms
Release Range	0.03 – 3 s
Ratio Range	1:1 – 12:1
Gain Reduction	0 – 20dB
THD+N 1kHz, 22Hz-22kHz BW	
@ 0dB Gain +20dBu out	<0.002%
INTERMODULATION DISTORTION	
@ 0dB Gain +20dBu out	
SMPTE/DIN 4:1 7kHz/50Hz	<0.002%
OUTPUT NOISE 22Hz-22kHz BW	
@0dB Gain	<-78dB
CMRR @0dB Gain, 3.5Vcm	
100Hz	>75dB
1kHz	>75dB
10kHz	>75dB
FREQUENCY RESPONSE	
@0dB Gain -3dB	0.016Hz-150kHz
IMPEDANCE	
Line In	24kΩ
Main Out balanced	350Ω
Main Out unbalanced	150Ω
Link In – sidechain mode	100kΩ
OTHER	
LEVEL METERS	
EQ Peak threshold	6 dB below interstage clipping
Output Level VU Meter	0dB VU = +4dBu output
Gain Reduction Meter	0-10dB Gain Reduction
MAXIMUM OUTPUT LEVEL	
100k Ohm load, 0.1% THD	+28dBu
WEIGHT and DIMENSIONS	
4.5 lbs	H1.7" x W19" x D9.0"
2.05 kg	H4.3cm x W48.3cm x D22.9cm
POWER CONSUMPTION	
100-240VAC ~ 50-60Hz	14 Watts Max