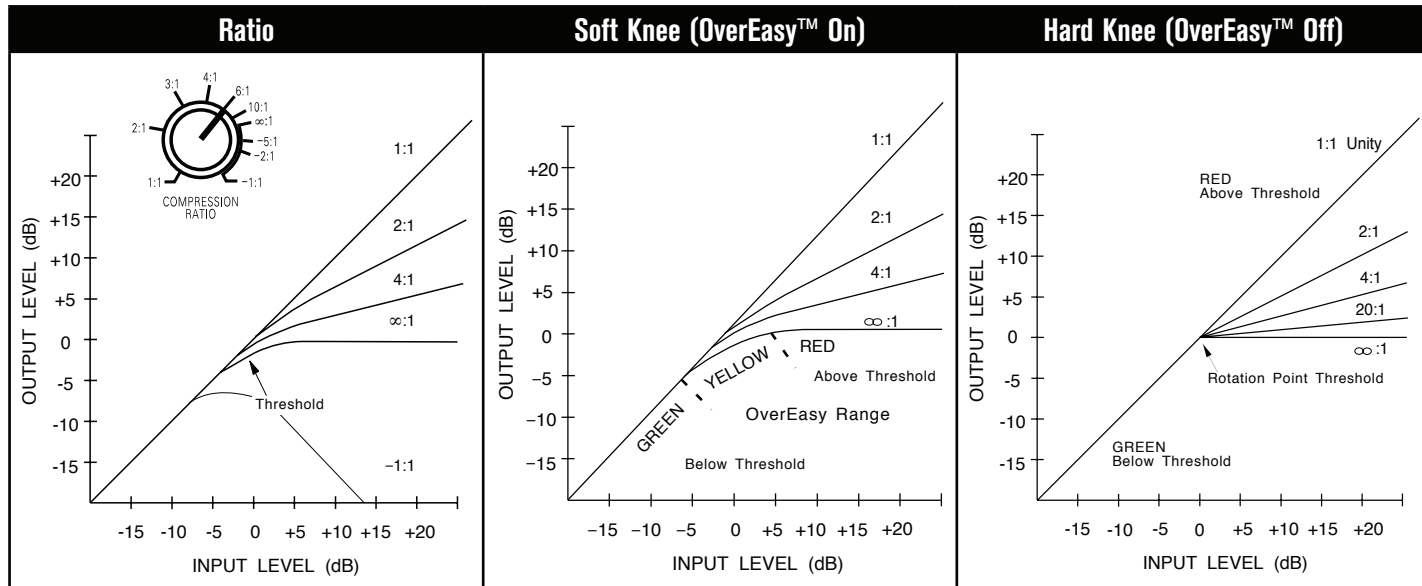


Technical Information

Compression Graphs



Specifications

INPUT

Type:	Electronically balanced/unbalanced, RF filtered
Impedance:	40k Ω balanced, 20k Ω unbalanced
Maximum Input Level:	+22dBu
CMRR:	>40 dB; typically >55 dB at 1 kHz

OUTPUT

Type:	Electronically balanced/unbalanced, RF filtered
Impedance:	Balanced 30 Ω , unbalanced 15 Ω
Maximum Output Level:	+ 22 dBu

PERFORMANCE

Frequency Response:	20 Hz – 20 kHz, + 0/-0.5 dB 0.5 Hz – 100 kHz, +0/-3 dB
Noise:	<-97 dBu, Unweighted (22 Hz – 22 kHz)
THD+N:	<0.005% typical, No compression, 1 kHz input at 0 dBu <0.07% typical, Any Amount of Compression up to 40 dB @ 1 kHz
Dynamic Range	>119 dB

COMPRESSION

Gain Adjustment Range:	Variable from -20 dB to +20 dB
Threshold Range:	-40 dBu to +20 dBu
Threshold Characteristic:	Selectable OverEasy® or Hard Knee
Compression Ratio:	Variable 1:1 to ∞ :1 thru to -1:1; 60dB Maximum Compression
Attack Time:	Program-Dependent; Typically 15ms for 10dB, 5ms for 20dB, 3ms for 30dB
Release Time:	Program-Dependent; Typically 8ms for 1dB, 80ms for 10dB, 400ms for 50dB; 125dB/Sec Rate

POWER

Requirements:	+/- 16VDC
Current Draw:	60mA per power rail
Power Draw:	1.92 watts

PHYSICAL

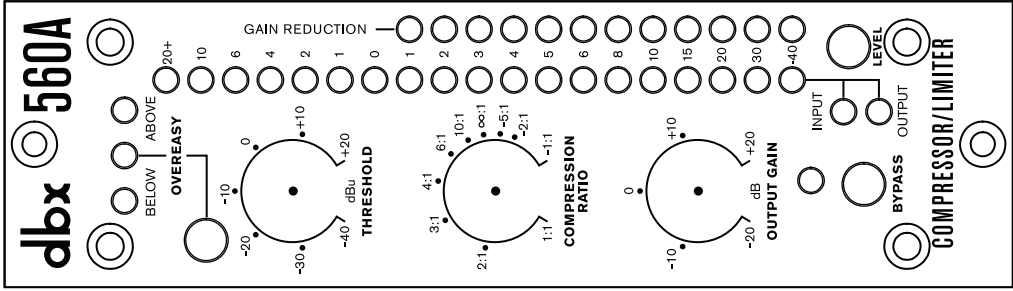
Rack System:	500 Series Compatible Power-frame
Rack Space	1 Slot
Dimensions (H x W x D)	5.25" x 1.5" x 6" (13.34cm x 3.81cm x 15.24cm)
Weight:	1.3 lbs (0.59 kg)
Shipping Weight:	1.7 lbs (0.77 kg)

Notes: Noise and frequency response specifications are at unity gain.
0dBu=0.775Vrms

Specifications are subject to change without notice.

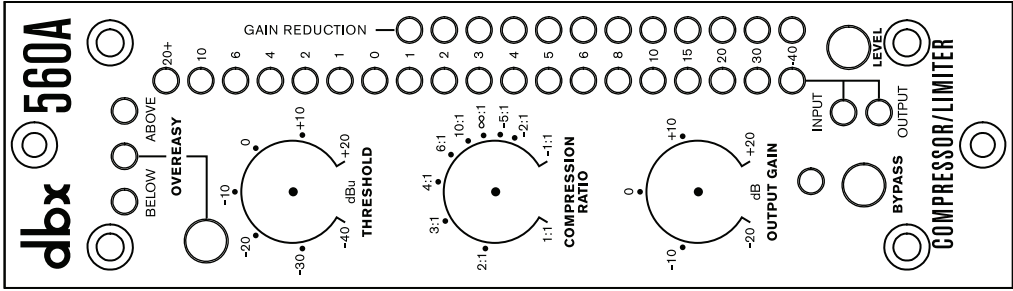
560A RECALL SHEET

DATE: _____
PROJECT: _____



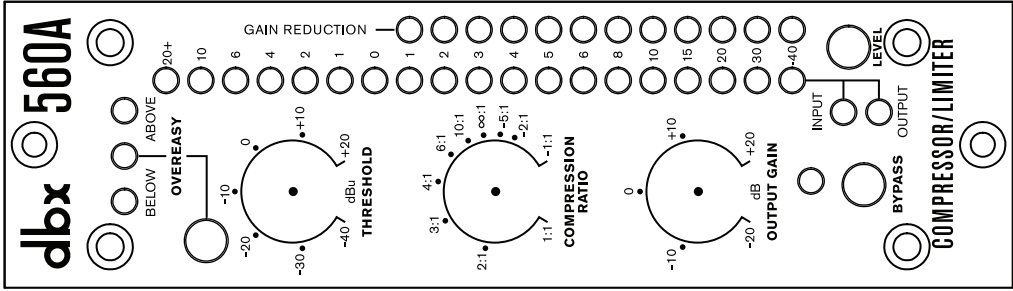
SOURCE: _____

NOTES: _____



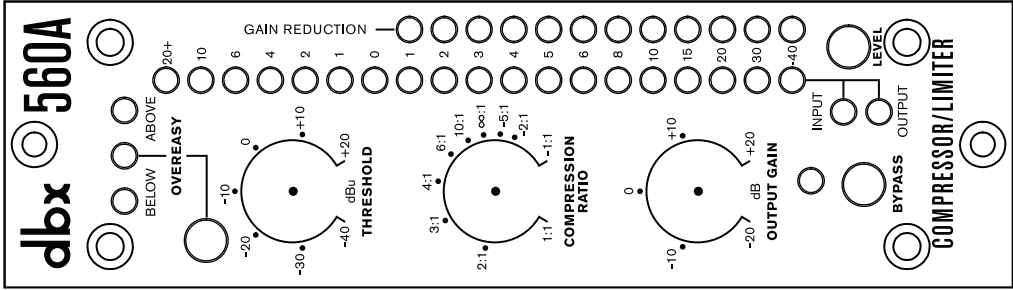
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NOTES: _____



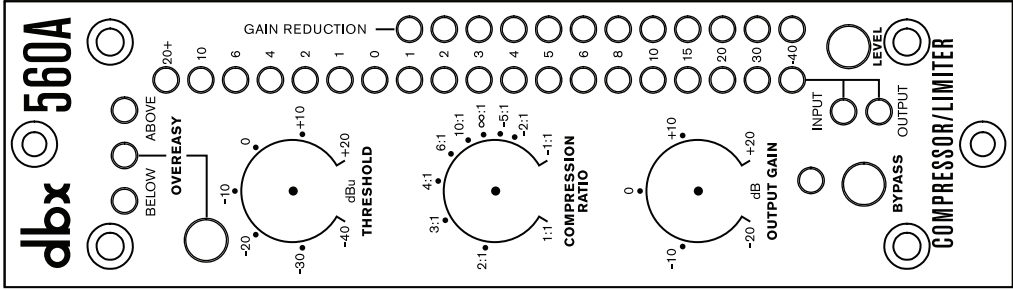
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NOTES: _____



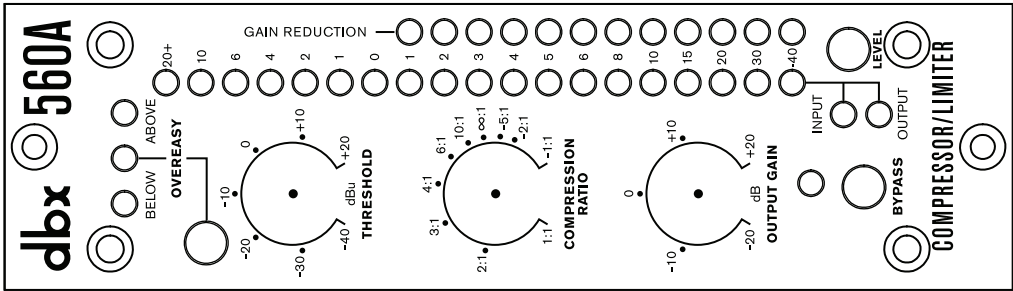
SOURCE: _____

NOTES: _____



SOURCE: _____

NOTES: _____



SOURCE: _____

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