



# GC Audio – Riser Compressor Inherit Cartridge:

Thank you for purchasing the Riser Compressor Inherit Cartridge.  
We hope you have as much fun using it as we had designing it !

The Riser compressor is a full signal chain processor offering 2 stages:

- 1- Preamp stage of our RE-11 cartridge, compatible with Mic/Line levels
- 2- Full VCA compressor from our flagship: the Analog Riser

## Technical Data:

All measurements made with Audio Precision device, input Z = 100K Ohms.

### 1) Preamp stage:

#### Preamp Gain Step +/-1dB:

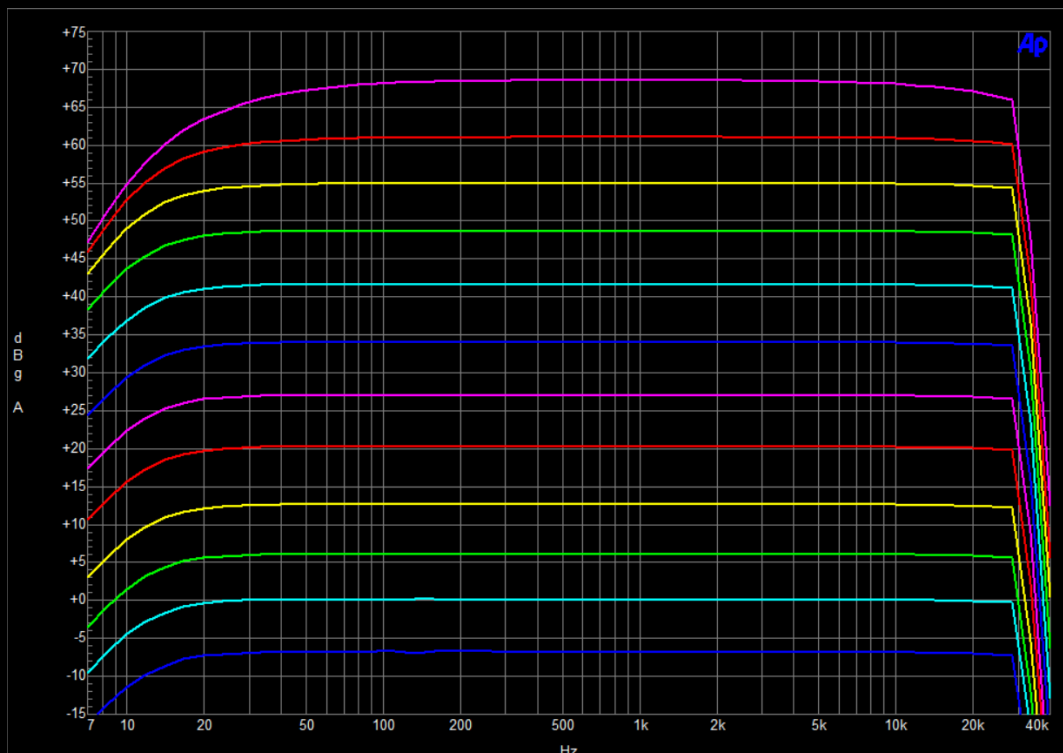
Note: Although the high gain allows microphone preamplification, the input impedance is optimized for line levels.

1) - 6dB	7) 34dB
2) 0dB	8) 42dB
3) 6dB	9) 48dB
4) 14dB	10) 55dB
5) 20dB	11) 60dB
6) 26dB	12) 68dB

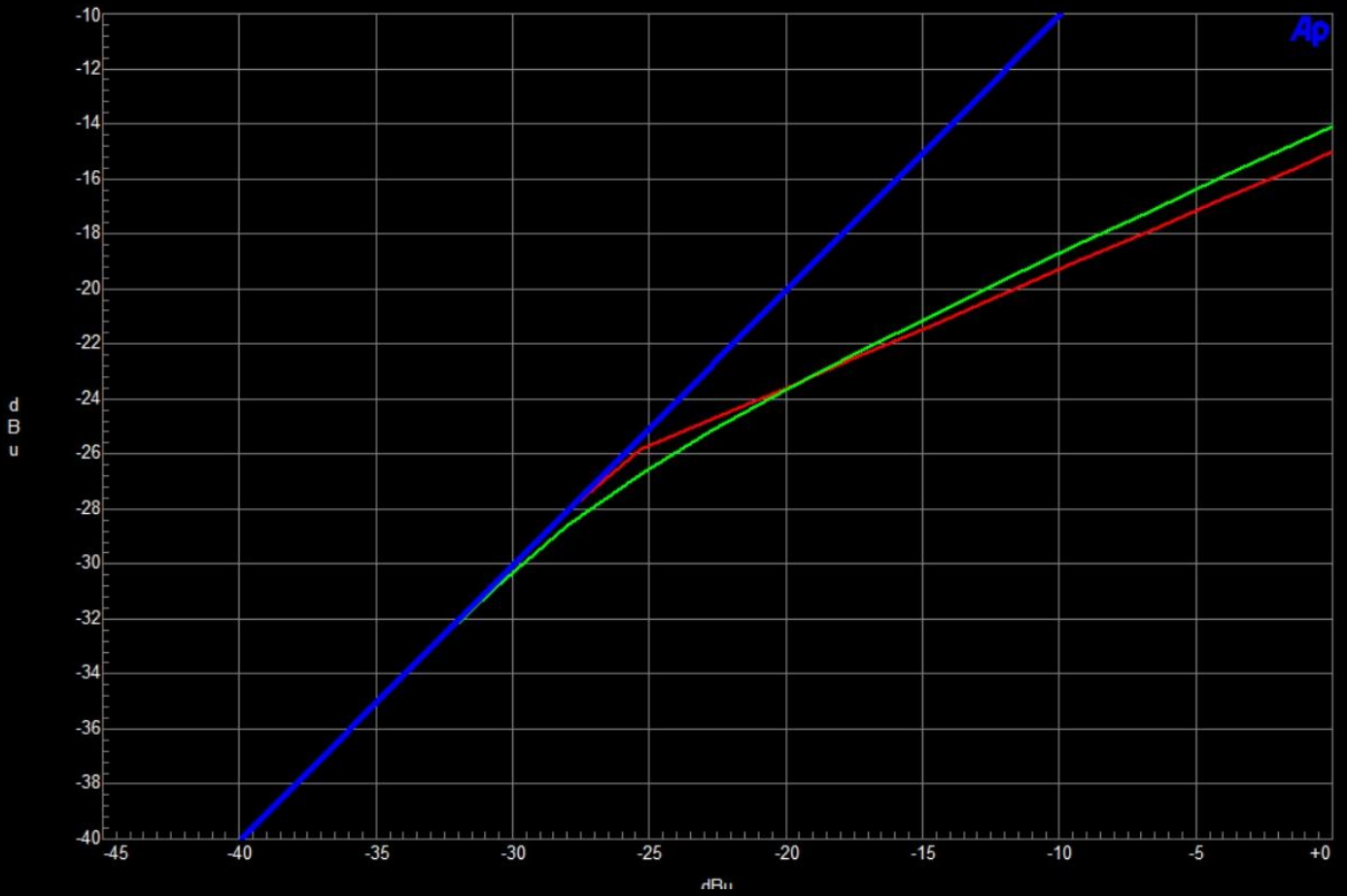
### 2) Compressor stage:

- Threshold -30dB to +10dB
- Ratio 1 to 20.
- Attack 0.5ms to 300ms.
- Release 1.5ms to 1.5s
- Make up -20dB to +20dB
- Knee setting (Soft / Hard)
- Auto creator setting (automatic fast Attack and Release for transient).

### ➤ Gain VS frequency :



➤ Compressor, red = Hard Knee, green = soft knee:



➤ THD + N VS Frequency :

