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# API 312

API 312 Automated Processes Inc. (API)

, API

. API 312 API

## 1.

- :
- :
  1. +65dB
- :
  1. : XLR ( )
  2. : XLR
- :
  1. 20Hz ~ 20kHz (+/-0.5dB)
- :
  1. : API **AP2503**
  2. (312 )
- :
  1. API **2520 Op-Amp**
- :
  1. :
  2. : 1~2kg ( )<sup>1)</sup>.

## 2.

- **2520 Op-Amp** :
  1. API Class A/B **2520 Op-Amp**
  - 2.
- :
  1. AP2503
  2. 가.
- :
  - 1.
  2. 가
- :
  - 1.
  - 2.

### 3.

API 312 1970 API , API ( :  
 API 512c, Lunchbox ) 가 .

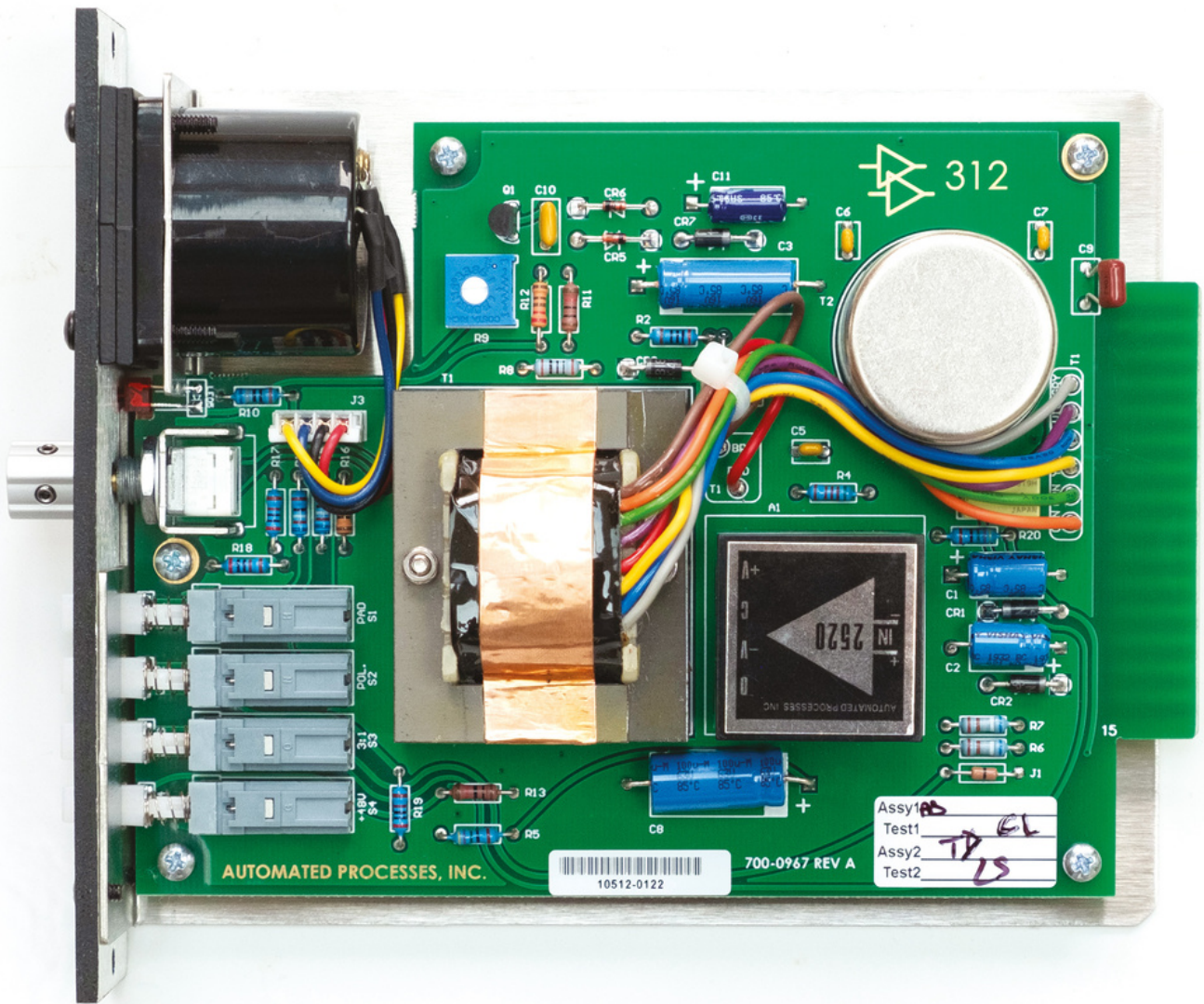
### 4. 가

API 312 가 가 .  
 가 .

- API's [Classic 312](#) Microphone Preamp in a 500 Series module
- Vintage Style Analog [VU](#) Meter
- Maximum [69dB](#) of gain
- Traditional API fully discrete circuit design with 2520 [Op-Amp](#)
- Proprietary AP2516 Input Transformer
- 20 [dB](#) pad switch
- 3:1 Output Transformer Tap Selection
- Switchable [48V](#) phantom power
- [Peak](#) LED
- API's Five Year Warranty

<https://www.apiaudio.com/product.php?id=158>



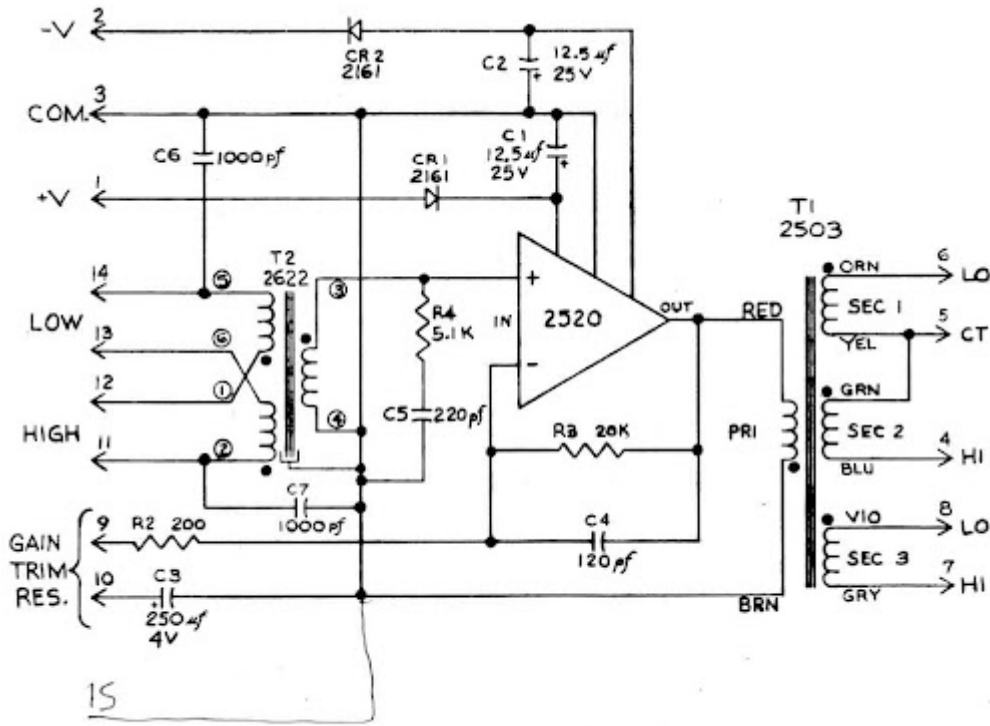


# Preamp Topology

(API2622, API2516) + API2500 Op-Amp +

(API2503)

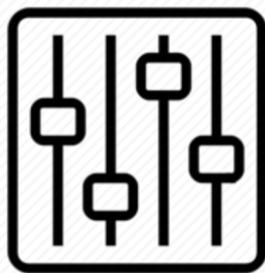




MIC PREAMP SCHEMATIC

1)

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