

# V-BOX PROGUARD

## STEREO PASSIVE PROTECTION DIRECT BOX

### DESCRIPTIONS

The V-BOX PROGUARD is a professional stereo passive Direct Injection (DI box) designed for critical audio protection and transparent, distortion-free sound delivery. It features VL Audio's proprietary V-PROTECTOR™ circuitry, which safeguards connected equipment against reverse voltage, power surges, and DC phantom power transients while maintaining complete audio integrity.

### FEATURE

- V-PROTECTOR™ Protection Electronic Circuit.
- Signal with no harmonic distortion.
- Fast Clamping Response 15VAC–18.8VAC
- Surge Protection
- Phantom DC Blocking
- Ground Potential Protection remove Buzz & Hum
- Compatibility Suitable for CDJs, Laptops, Mixers, Microphones, and Line/Instrument level sources.



### SPECIFICATIONS

|                                   |                                              |
|-----------------------------------|----------------------------------------------|
| Audio circuit type                | Passive Mic/Line Level, Electronic Circuit   |
| Number of Channels                | Stereo(Dual Mono)                            |
| Maximum Input                     | 27.3 dBu                                     |
| Maximum Output                    | 27.3 dBu                                     |
| Frequency Response                | 20Hz-20kHz $\pm 0.001$ dB                    |
| Total Harmonic Distortion + Noise | +25 dBu THD+N 0.0012%<br>0 dBu THD+N 0.0011% |

### FEATURES

|                   |                              |
|-------------------|------------------------------|
| Ground lift       | Yes                          |
| Input Connectors  | 2 x XLR, TS/TRS Audio Inputs |
| Output Connectors | 2 x XLR Audio Outputs        |
| Signal            | Analog, AES/EBU              |

### POWER

|                    |                          |
|--------------------|--------------------------|
| Power Requirements | None, Completely Passive |
|--------------------|--------------------------|

### GENERAL

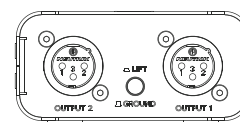
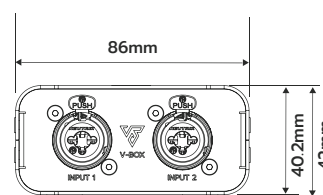
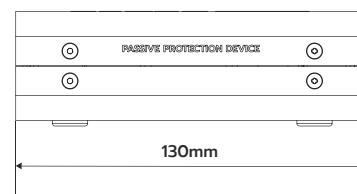
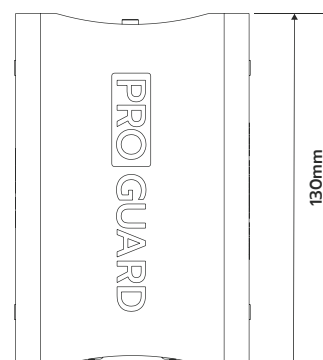
|            |                               |
|------------|-------------------------------|
| Conditions | For use in dry locations only |
| Warranty   | Life time                     |

### SIZE

|        |        |
|--------|--------|
| Height | 42mm   |
| Width  | 86mm   |
| Depth  | 130mm  |
| Weight | 0.44kg |

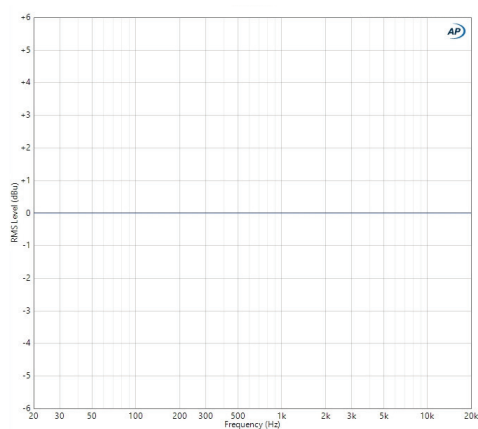
### PACKAGE

|                |        |
|----------------|--------|
| Package height | 52mm   |
| Package width  | 106mm  |
| Package depth  | 149mm  |
| Package weight | 0.57kg |

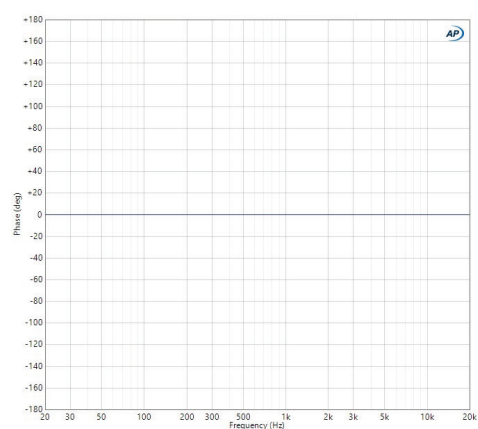


## V-BOX : PROGUARD GRAPHS

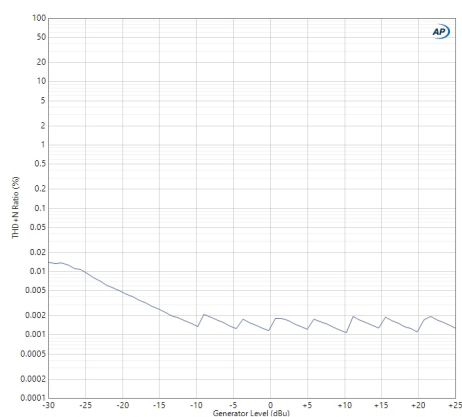
### FREQUENCY RESPONSE



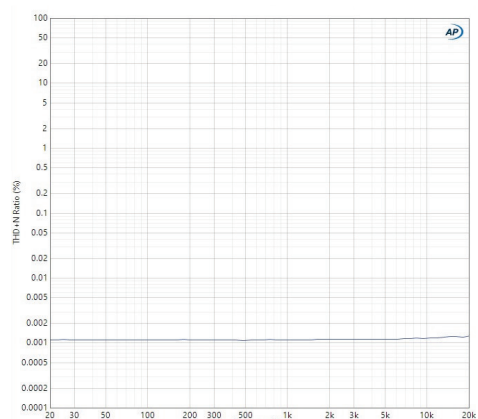
### PHASE RESPONSE



### THD+N VS LEVEL



### THD+N VS FREQUENCY



### FAST FOURIER TRANSFORM

