

Datasheet AudioVine AV 2012 B

Version 1.20

Frequency(Typ)	
Frequency Range:	10Hz to 100kHz typical 110kHz
	in 4 overlapping bands
Dail Accuracy:	≥ 5%
Freq Tune Range:	≥ ±1% of freq. setting
Drift:	≤ 0.05% / hour
Total Hamonics Distortion (THD+N Typ) Bal & Unbal RL≥600Ω	*Audio Precision measures THD+N only that means harmonics, noise, hum ,just everything: *example THD only
Main Output BNC:	
10 Hz - 600 Hz	≤ 0,0017%
600 Hz - 20 kHz	≤ 0,0004%
1 kHz x1k band	≤ 0,0003% -108dB THD+N *THD -128dB, 0,00004%
20 kHz - 100 kHz	≤ 0,0027%
Output 2 BNC:	ADD + 1% of actual main output THD
Amplitude(Hi-Z Typ)	
Range 0dB Mode:	600mV RMS - 6 V RMS
Range -20dB Atten Mode:	60mV RMS - 600mV RMS
Balanced TRS Out: inverted (L) and in phase(R) stereo outputs	Output Voltage : 12V RMS max end-to-end balanced
Stability:	≤ 1% ±100mV
Level Flatness 10 Hz - 20 kHz	± 0.1 dB 1kHz reference
Level Flatness 20 kHz - 100 kHz	± 0.3 dB 1kHz reference
DC Offset	≤ 1% of output rms voltage
DC Input Voltage(Typ)	
Range: DC-IN	12-25 Vdc / 1A
Main Output:	
No. Outputs:	3
Unbalanced:	2 x Front panel BNC
Balanced:	1 x Stereo Neutric Gold TRS 6,3mm
Impedance:	50Ω ±0,5%
Warm up Time:	30 minutes
General	
Dimensions:(WxHxD)(mm)	170x56x150
EMC/EMV/FCC:	CE / EN61010 / FCC
Operating temperature:	15°C - 50°C
Humidity:	
(non-condensing)	10°C - 30°C - 85%
	31°C - 40°C - 75%
	41°C - 50°C - 40%
Storage temperature:	-30°C to 70°C
Warranty:	2 years standard (european)
Weight:	1kg
Product Origin:	designed and engineered in Germany.
	AudioVine is a trademark of Rexotech GmbH Germany
*We don't offer 6.35mm stereo TRS to RCA and RCA to BNC adapers at the moment	

Attention:

All these specifications apply to the AV 2012 B. To satisfy these, the following conditions must be met:

1. The instrument has been operating continuously for more than 20 minutes within specified operating temperature range (20 - 24°C)
2. The temperature variation does not exceed 2°C
3. Unless otherwise stated, all specifications apply in 600R state

Note: All specifications are guaranteed unless where noted with "typical" or (Typ).

Typical (Typ): The characteristic performance, which 80% or more of manufactured instruments will meet.

This data is not warrented, does not include measurement uncertainty, and is valid only at room temperature (approx. 22°C)