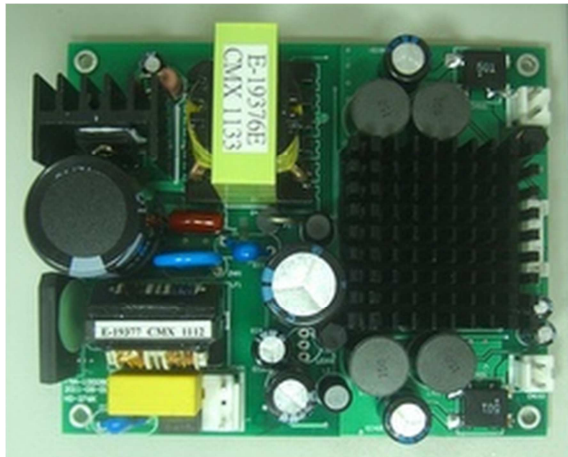


# Luxus Audio

*Wagner* is a 2 x 50W @8ohm class D amplifier with power supply included:

- Class-D and switching power Design for high efficiency, high stability & lighter weight.
- Output power : 50W x 2CH (8ohm)
- Easy for application



## Application:

- Active speakers
- Musical instruments amplifiers
- Combo Amplifier
- Powered professional speakers
- Monitor speaker

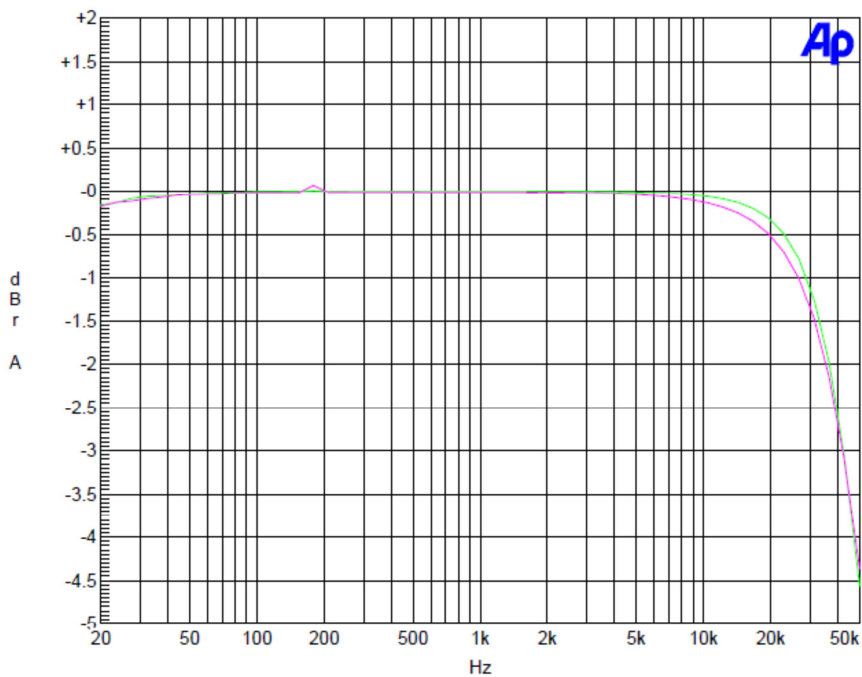
## Specification:

- Universal AC Input voltage: 90V ~ 260V
- Short circuit protection
- Over-current protection
- Thermal protection
- RoHS compliant
- Bridge configuration is NOT available

**Technical Specification:**

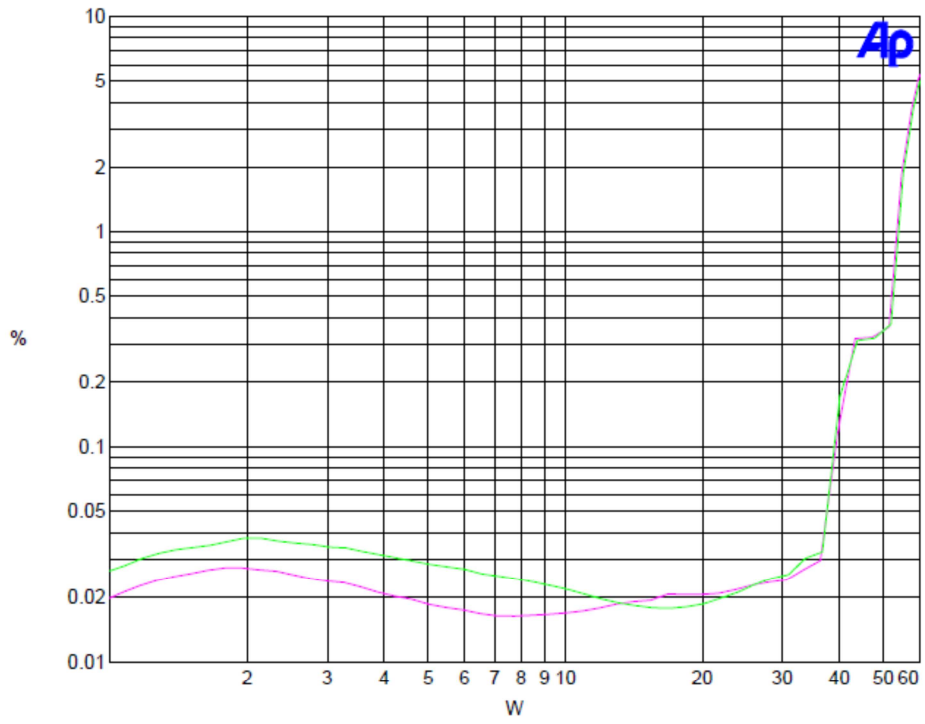
- Output power ref. to 1%..... 50W / 8ohm x2CH
- S/N Ratio @ rated power ..... > 100 dB/ A-Weighted
- THD @ -3dB rated power ..... < 0.1%
- Input sensitivity ..... 1 Volt
- Input Impedance ..... 22K $\Omega$
- Frequency response 20Hz ~ 20K Hz ..... +/- 1.5dB
- Crosstalk @1KHz.....80dB
- Dimension: 105(L) x 85(W) x 41(H) mm

**Frequency Response**



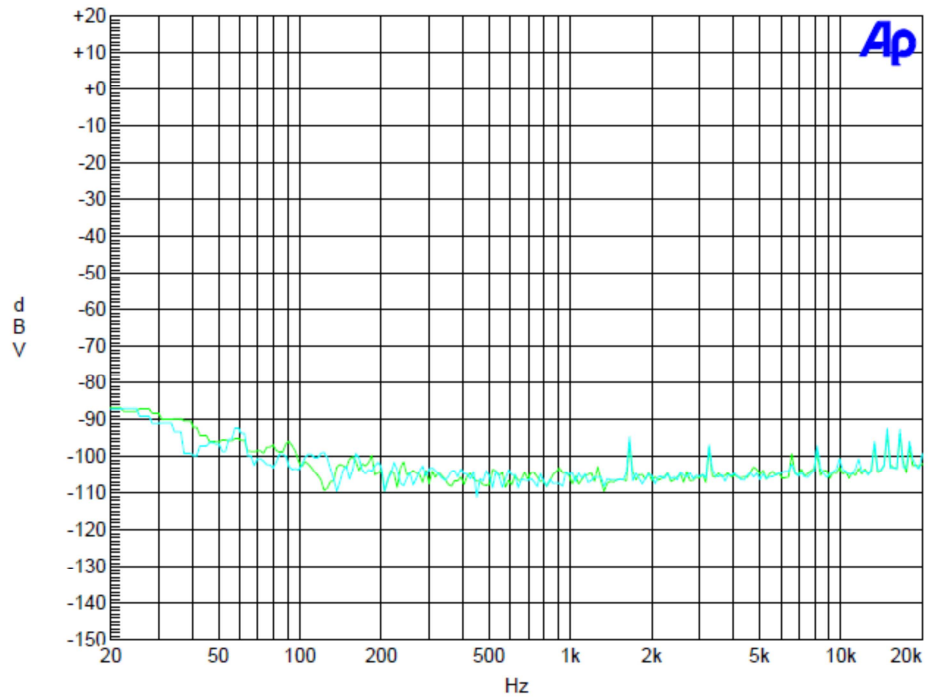
Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
1	1	Green	Solid	1	Anlr.Level A	Left	115V*8OHM*2-1KHZ-R
2	1	Magenta	Solid	1	Anlr.Level A	Left	115V*8OHM*2-1KHZ-L

### THD+N



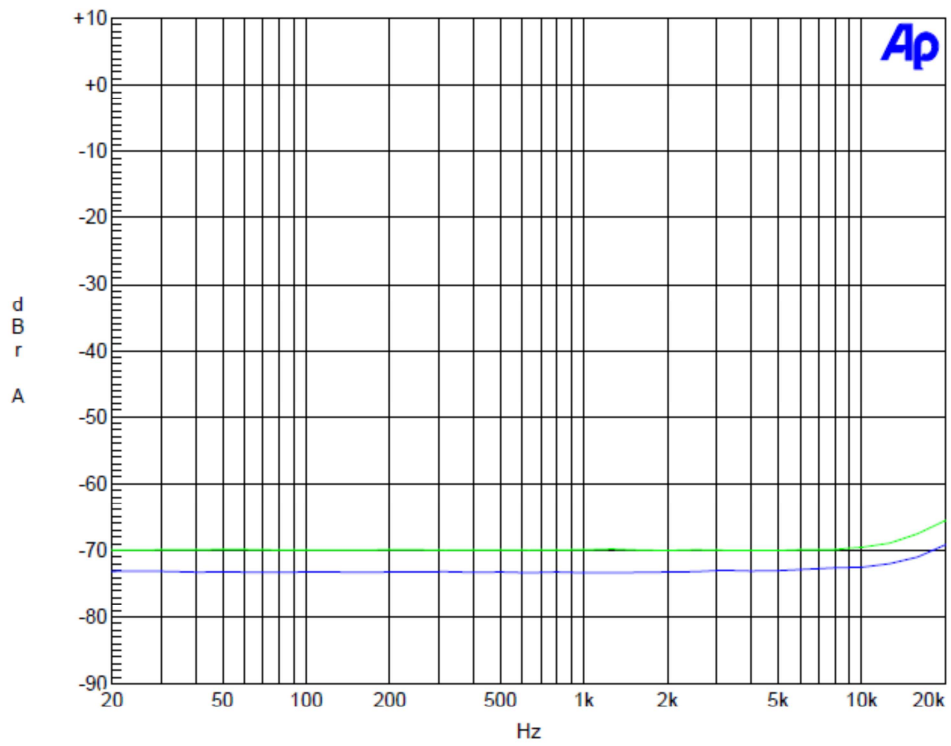
Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
1	1	Green	Solid	1	Anlr.THd+N Ratio	Left	115V8OHM*2-1KHZ-L
2	1	Magenta	Solid	1	Anlr.THd+N Ratio	Left	115V8OHM*2-1KHZ-R

### FFT



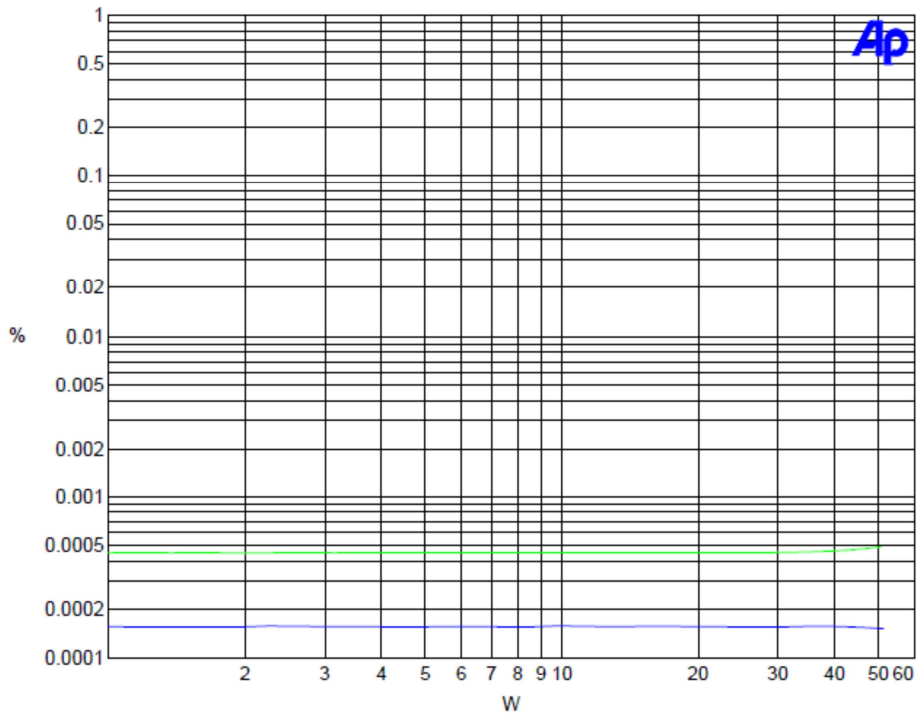
Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
1	1	Green	Solid	1	Fft.Ch.1 Ampl	Left	115V8OHM*2A-WEI165uV-R
2	1	Cyan	Solid	1	Fft.Ch.1 Ampl	Left	115V8OHM*2A-WEI185uV-L

### CrossTalk



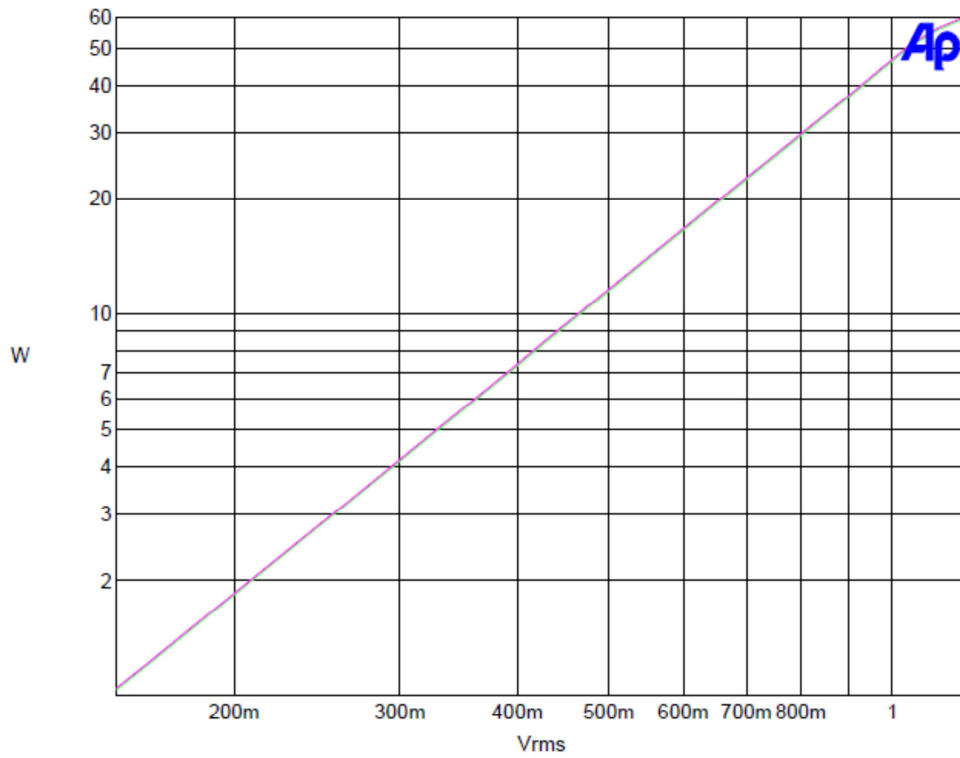
Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
1	1	Green	Solid	1	Anlr.Level A	Left	115V8OHM*2-1KHZ-1W L-R
2	1	Blue	Solid	1	Anlr.Level A	Left	115V8OHM*2-1KHZ-1W R-L

### IMD



Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
1	1	Green	Solid	1	Anlr.SMPTE	Left	High Freq:7KHZ IM Freq:60HZ 1:1
2	1	Blue	Solid	1	Anlr.SMPTE	Left	High Freq:7KHZ IM Freq:60HZ 4:1

### Input Sensitivity



Sweep	Trace	Color	Line Style	Thick	Data	Axis	Comment
1	1	Green	Solid	1	Anlr.Level A	Left	115V80HM*2-1KHZ-R
2	1	Magenta	Solid	1	Anlr.Level A	Left	115V80HM*2-1KHZ-L

