

# Amplifier

## DA1.4 DA2.8 DA6

DA series are professional amplifiers feature built-in DSP and and secure, remote control over the cloud.

Connect the amplifier easily to the AMI Software (Windows PC) with the built-in WiFi hotspot, or to a local area network via cat5 cable.

Multiple amplifiers can be controlled through the same WebUI using the trusted and comprehensive workflow of our AMI software.

Featuring high-end studio-grade analogue circuit designs, the DA series sets a new benchmark in powered system management and speaker processing design. The proprietary Class-D amplifier control loop features GlidePath direct drive technology and exceptionally low intermodulation figures resulting in wide stereo imaging.

Whether the application is a standalone system amplifier, or a comprehensive networked system with multiple amplifiers, the DA series is designed to provide the solution that our clients demand. With comprehensive loudspeaker preset capability, implementing CloudPower into your system couldn't be easier.

4 channels power amplifier with DSP



### AC Main Power

|                   |                                           |
|-------------------|-------------------------------------------|
| Power supply      | Universal, regulated switch mode with PFC |
| Operating voltage | 100-240V $\pm$ 10%, 50-60Hz               |

### Audio

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Gain                           | -80 to +15dB, 0,1dB steps                    |
| Frequency response             | 1Hz - 22kHz (1W @8 $\Omega$ $\pm$ 0,5dB)     |
| S/N ratio                      | >115dB (20Hz-20kHz @8 $\Omega$ , A weighted) |
| Crosstalk separation           | >70dB @ 1kHz                                 |
| Input impedance                | 10k $\Omega$ balanced                        |
| THD+N / SMPTE IMD / DIM100 IMD | <0,1% from 0,1W to full power                |
| Slew rate                      | >50 V/us @8 $\Omega$ , input filter bypassed |
| Damping factor                 | >500 @ 20-100Hz (Lo-Z)                       |

### Front panel

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| Indicators | Daylight viewable colour OLED display / Real time level, limit and fault indicators |
|------------|-------------------------------------------------------------------------------------|

### Rear panel

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Audio signal input connectors | 4 balanced analog line inputs 4 x 3-pin Phoenix |
| Loudspeaker output connectors | Analog line outputs 4 x 2-pin Phoenix           |
| Networks data Ports           | Single port Ethernet Gigabit interface          |
| Software Controls             | AMI                                             |

Warranty 5 years

# APG

# DA series

## Technical Specifications

| Amplifier model                         | DA1.4               | DA2.8               | DA6                 |
|-----------------------------------------|---------------------|---------------------|---------------------|
| Total burst power (all channels driven) | 1400                | 2800                | 6000                |
| 2 ohms                                  | 350                 | 700                 | 1500                |
| 4 ohms                                  | 350                 | 700                 | 1500                |
| 8 ohms                                  | 350                 | 500                 | 1500                |
| 16 ohms                                 | 250                 | 250                 | 1000                |
| Hi-Z 70V                                | 280                 | 280                 | 1500                |
| Hi-Z 100V                               | 140                 | 140                 | 1500                |
| Max Output Power bridged mode           |                     |                     |                     |
| 4 ohms                                  | 700                 | 1400                | NA                  |
| 8 ohms                                  | 700                 | 1400                | NA                  |
| 16 ohms                                 | 700                 | 1000                | NA                  |
| Power and Thermal 115V                  |                     |                     |                     |
| Idle Power                              | 30W                 | 30W                 | 60W                 |
| Idle Current Draw                       | 0.3A                | 0.3A                | 0.6A                |
| Idle Thermal loss                       | 102 BTU/h           | 102 BTU/h           | 204 BTU/h           |
| 1/8 Power @ 4 Ohm Power                 | 185W                | 375W                | 800W                |
| 1/8 Power @ 4 Ohm Current Draw          | 1.6A                | 3.3A                | 7A                  |
| 1/8 Power @ 4 Ohm Thermal loss          | 341 BTU/h           | 682 BTU/h           | 1364 BTU/h          |
| Power and Thermal 230V                  |                     |                     |                     |
| Idle Power                              | 30W                 | 30W                 | 60W                 |
| Idle Current Draw                       | 0.15A               | 0.15A               | 0.3A                |
| Idle Thermal loss                       | 102 BTU/h           | 102 BTU/h           | 204 BTU/h           |
| 1/8 Power @ 4 Ohm Power                 | 185W                | 375W                | 800W                |
| 1/8 Power @ 4 Ohm Current Draw          | 0.8A                | 1.65A               | 3.5A                |
| 1/8 Power @ 4 Ohm Thermal loss          | 320 BTU/h           | 640 BTU/h           | 1280 BTU/h          |
| Physical                                |                     |                     |                     |
| Unit Dimensions                         | 483 x 44.5 x 358 mm | 483 x 44.5 x 358 mm | 483 x 44.5 x 458 mm |
| Shipping Dimensions                     | 610 x 150 x 420 mm  | 610 x 150 x 420 mm  | 610 x 150 x 610 mm  |
| Unit Weight                             | 5 kg - 11 Lbs       | 6 Kg - 13 Lbs       | 8 kg - 17 Lbs       |
| Shipping weight                         | 6.5 Kg - 14.5 Lbs   | 7.5 Kg - 16.5 Lbs   | 9.5 Kg - 21 Lbs     |

DA1.4 - DA2.8:



DA6:



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