

D600

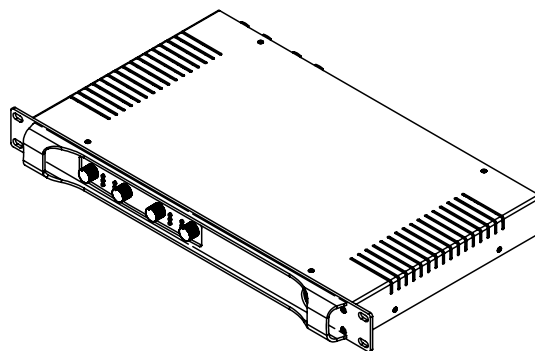
Presentation:

The new SIRIUS amp represents the next generation of powerful amplifiers designed to meet the specialized needs of sound contractors and rental companies offering high dynamic range, low distortion, high thermal capacity, proven reliability and ease of use for touring sound applications.

This D600 can be used in 2ch (2x 300W @ 8ohm) mode, 3ch (2x 150W @ 4ohm + 300W @ 8ohm mode or 4ch (4x 150W @ 4ohm) mode, providing great flexibility whether in mobile or fixed installations.

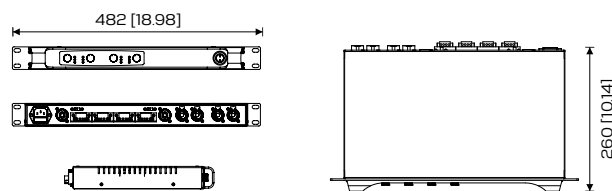
Additionally other features such as 3p XLR signal link to connect another amplifier or 3p XLR sub output signal to connect active subs can be found on the rear panel.

The amplifier protection scheme is one of the most comprehensive in the pro audio industry and all relevant protection features such as over current and short circuit protection, thermal protection, DC output protection and HF protection have been implemented individually for the SMPS as well as for each amplifier channel ensuring high reliability and to guarantee the use of the speaker system in perfect sound and safe operation. The power supply technology integrated in the amplifier provides universal mains operation for 120 V and 230 V with PFC, eliminating the need for market specific self-powered loudspeakers and related reliability issues. The power supply is regulated delivering consistent power world-wide and the enclosure is cooled by variable speed fans with side-to-back airflow.



Features:

- Professional and powerful class D amplifier series
- High dynamic range & low distortion
- Output power @ 4ohm: 4x 150W
- Output power @ 8ohm: 2x 300W BTL (bridge)
- Neutrik Combo input connectors, 4-pin Euroblock outputs
- Neutrik speakons for Bridge outputs
- Front panel LEDs to monitor power, signal and clipping
- Integrated protection circuitry to protect amplifier and speakers
- Solid construction for 19" Rack - 1U lightweight enclosure



Dimensions in mm [in]

Technical specifications:

Type	Professional class D amplifier
No. of channels	4
RMS Power @ 4ohm	4x 150W (1kHz / 0.1%)
RMS Power @ 8ohm	2x 300W BTL (1kHz / 0.1%)
Frequency Range	10Hz - 30kHz (± 1 dB, 1W @ 8ohm)
T.H.D.	< 0.1% (typical < 0.05%)
Noise Floor	Typical -80 dBV (A)
Crosstalk	> 70dB
Input sensitivity	4 dBu
Input impedance	13 kohm balanced
Controls	Mains switch (on/off), 4x volume, Power on: Green; Signal: Green;
Indicators	Clip/Protect: Red (1 per channel)
Inputs	Neutrik Combo
Outputs	4-pin Euroblock terminals, Neutrik speakon (bridge)
AC connectors	IEC 230V socket
Protections	Thermal overload, DC protection, short circuit, overload, stationary high frequency
Power supply	Universal input, regulated Switch Mode with PFC
Nominal Voltage	100-240 V AC @ 50-60Hz
Operating Voltage	85-264V AC
Power consumption	150W (rated load, 1/4 max. power)
Cooling	Cooling Plate
Dimensions	1RU space, 260 depth (10.14in)
Weight	3.5Kg 7.72lb

