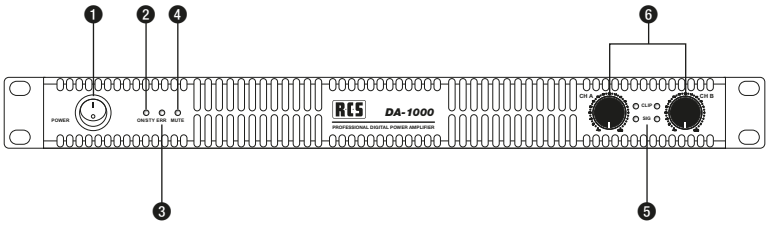
PRO-SOUND CLASS-D POWER AMPLIFIER

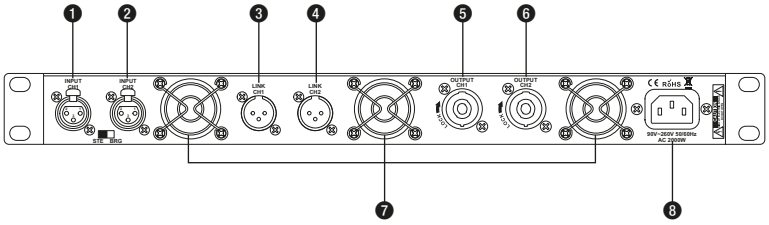
Front view

1. **Power On/Off Switch**
   Switch to turn the device on / off
2. **Power/Standby LED**
   Lights up if the devise is “on”
3. **Error LED**
   Lights up when a fault occurs
4. **Mute LED**
   Lights when an active protection circuit removes the input signal
5. **Signal/Clip LED**
   Signal: Lights up when gain from 100mV
   Clip: Lights up when a too high input signal overload the amplifier
6. **Input level control**
   To adjust the volume of each



Rear view

1. **XLR (balanced)**
   Signal input for Channel 1
2. **XLR (balanced)**
   Signal input for Channel 2
3. **Parallel connected „Link“ - output on XLR**
   for channel 1 for forwarding the input signal to other devices or amplifiers
4. **Parallel connected „Link“ - output on XLR**
   for channel 2 for forwarding the input signal to other devices or amplifiers
5. **Speakon®** Speaker output jack for channel 1
6. **Speakon®** Speaker output jack for channel 2
7. **Fan**
   Temperature controlled cooling fans
8. **AC mains connection**
   To connect an IEC power connector 230V AC



* The rear of the DA-200 is slightly different

Technical data		DA-200 A	DA-600
Output power (1 kHz, 0,1 % THD)	8 ohms – stereo	2x 200 W	2x 600 W
	4 ohms – stereo	2x 360 W	2x 1000 W
	8 ohms bridged	1x 720 W	1x 2000 W
Frequency range		20 – 20.000 Hz ±0,1 dB	
THD (THD 1kHz, 8 ohms)		< 0,1%	
Input sensitivity	4 ohms/Stereo	+4 dBu/1,23 V	
Signal-to-noise ratio		better than 100 dB	
Crosstalk		better than -70 dB	
Common-mode rejection ratio (CMRR)		20 V/µS	
Power supply		220V – 240V/AC, 50~60 Hz	
Power consumption at 4 ohms		400 W	900 W
Dimensions (WxHxD)		483 x 44 x 258 mm (1 RU)	483 x 44 x 224 mm (1 RU)
Weight		3,2 kg	3,2 kg

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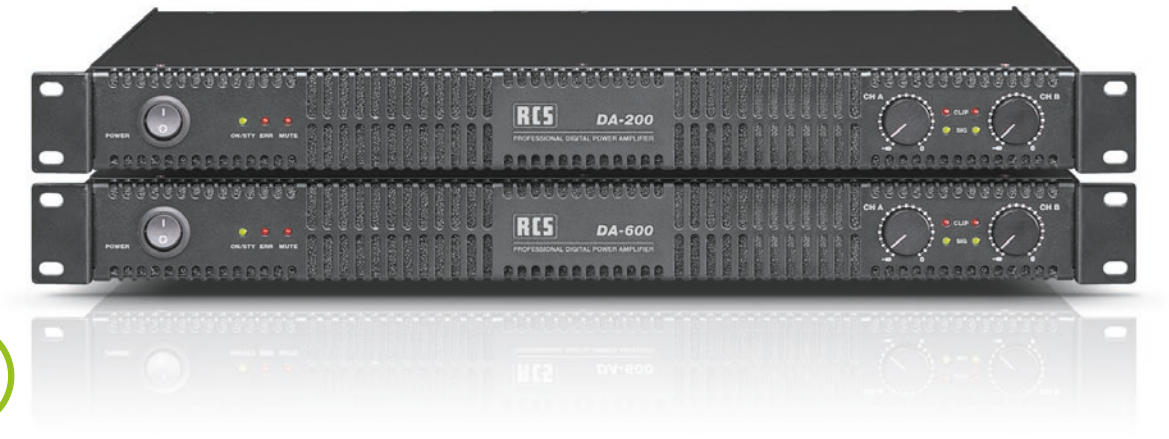
Class-D Power Amplifier · bridge operation possible



energy-saving

Description

These digital (Class D) 2-channel 19˝ power amplifiers (1 RU) are ideal for the use in professional acoustic sounding devices.

The devices are manufactured in state-of-the-art production processes using high quality components.

They have been designed for continuous operation. They are absolutely short circuit and open circuit proof and are equipped with all relevant protection devices.

Please consider the following features:

- The Led`s on the front inform about important signal and operating conditions
- Special protection circuits against open circuit, short circuit, over temperature and a delay is granted.
- The digital technology achieves a very high level of efficiency in the power amplifier, which results in very little heat generation (longer service life of the components in the amplifier) and relatively low power consumption.
- Across the digital technology there is a very high efficiency of the amplifiers which achieves results in a very low heat development (natural life of the devices) and a relatively low power consumption.
- The amplifiers have protection circuitry against short circuit, overheating, power up delay, DC fault protection and a clip limiter to prevent overloading the speakers.
- The front panel of the amplifiers is designed that all important information's about the operating status are visually. These indicators are: power LED display, clip LED display, protect and signal LED.

★

+ Degree of efficiency of over 90%
+ Energy saving
+ Minimum space requirement (only 1 RU)
+ Low heat waste

Model designations

Pro-Sound Class-D Amplifier, 2x 360 W ..... **DA-200 A**
Pro-Sound Class-D Amplifier, 2x 1000 W **DA-600**