



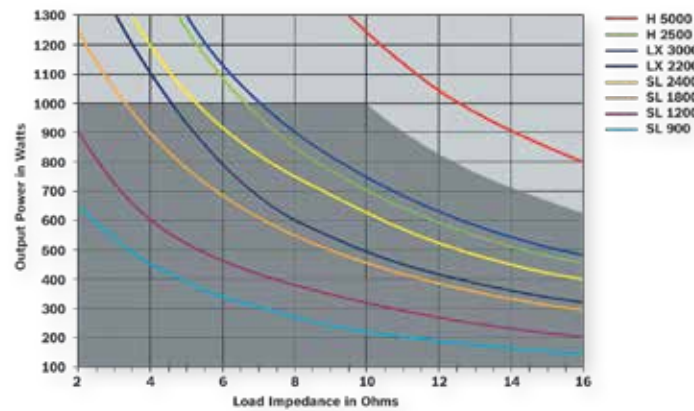
**CPS**  
Contractor Precision Series

Contractor Precision Series amplifiers combine top-quality performance and reliability with innovative designs perfectly tailored to the needs of professional sound installation. Available in 2RU configurations of up to eight channels, CPS amps are compact and efficient to operate, with every detail thought through from the contractor's point of view. For fast installation and setup, each model features Phoenix-type input and output connectors, programmable power-on delay, remote power-on/off, rear-mounted attenuators and switchable high-pass filters.

For worry-free dependability, there's full protection against hazards, such as excessive heat, overloads, shorts, HF, DC, back EMF and inrush current. And for the ultimate in system control and supervision, the optional RCM-810 module enables the inclusion of CPS amps in IRIS-Net networks of up to 250 devices. Offering exceptional ease, flexibility and audio performance, CPS series is the ideal installation solution for cinema, club sound, commercial sound/life safety, and performance and sports venues.

**UNIQUE FLEXIBILITY THROUGH VLD**

The ability to switch individually the mode of each power amp channel helps the DSA multi-channel power amplifiers to achieve a degree of flexibility never before possible. In low impedance operation (2 Ω, 4 Ω, 8 Ω), each channel can drive up to four 8 Ω loudspeaker cabinets. The output channels can also be paired in bridged mode. Depending upon the application, each channel can be switched individually even in high-impedance (Hi-Z) mode in order to drive 70 Vrms or 100 Vrms loudspeaker lines directly without an output transformer (Direct Drive). The power output by the DSA multi-channel power amplifiers is (along with its thermal capacity) limited only by their maximum output voltage and maximum output current, which means they can drive any load between 2 and 10 Ω with their rated maximum outputs of 500 W and 1000 W respectively per channel.



A corresponding encoder-circuit is provided on the rear panel. In addition, through VLD (Variable Load Drive) in combination with a RCM-810 remote control module, it is possible to define freely which output power should be made available at which load in the frame described above in the channel in question: e.g. Channel A = 350 W into 2.6 Ω; Channel B = 500 W into 8 Ω, etc.

**CPS 2.4 650 W PER CHANNEL POWER AMPLIFIER**

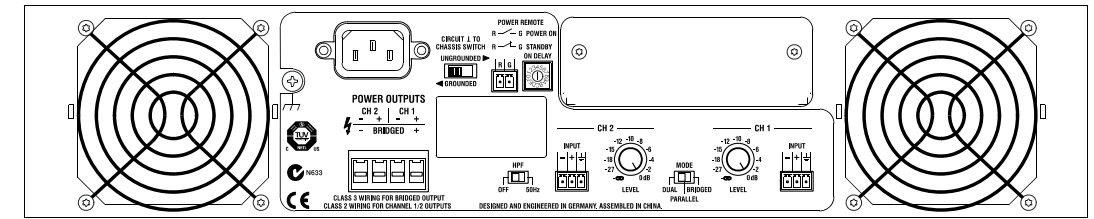


- Contractor-friendly performance and reliability
- 650 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Class-AB design
- Complete protection: thermal, overload, shorts, HF, DC, back EMF and inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- 3-stage front-to-rear fans

**CPS 2.6 900 W PER CHANNEL POWER AMPLIFIER**



- Contractor-friendly performance and reliability
- 900 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Class-AB design
- Complete protection: thermal, overload, shorts, HF, DC, back EMF and inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- 3-stage front-to-rear fans



CPS 2.4, CPS 2.6, CPS 2.9 and CPS.12 rear view

**CPS 2.9 1250 W PER CHANNEL CLASS-H POWER AMPLIFIER**



- Power and efficiency for installations
- Innovative Class-H design
- 1250 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Complete protection: thermal, overload, shorts, HF, DC, back EMF and inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- 3-stage front-to-rear fans

**CPS 2.12 1800 W PER CHANNEL CLASS-H POWER AMPLIFIER**



- Power and efficiency for installations
- Innovative Class-H design
- 1800 W per channel (2 Ω)
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter
- Complete protection: thermal, overload, shorts, HF, DC, back EMF and inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- 3-stage front-to-rear fans

**CPS 4.5 500 W PER CHANNEL 4-CHANNEL AMPLIFIER**



- Four channels in one compact rack-efficient unit
- 500 W per channel
- 70/100 V operation for distributed systems
- Class-D design for optimum efficiency
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- IRIS-Net selection of each channel's impedance (2–10 Ω in 0.1 Ω steps)
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter (Hi-Z mode)
- Complete protection: thermal, overload, shorts, HF, DC, back EMF and inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Front-to-rear fans

**CPS 4.10 1000 W PER CHANNEL 4-CHANNEL AMPLIFIER**



- Four channels in one compact rack-efficient unit
- 1000 W per channel
- 70/100 V operation for distributed systems
- Class-D design for optimum efficiency
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- IRIS-Net selection of each channel's impedance (2–10 Ω in 0.1 Ω steps)
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter (Hi-Z mode)
- Complete protection: thermal, overload, shorts, HF, DC, back EMF and inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Front-to-rear fans

**CPS 8.5 500 W PER CHANNEL 8-CHANNEL AMPLIFIER**



- Eight channels in one compact rack-efficient unit
- 500 W per channel
- 70/100 V operation for distributed systems
- Class-D design for optimum efficiency
- Slot for optional RCM-810 module, allowing IRIS-Net control and monitoring
- IRIS-Net selection of each channel's impedance (2–10 Ω in 0.1 Ω steps)
- Rear-mounted attenuators
- Switchable 50 Hz high-pass filter (Hi-Z mode)
- Complete protection: thermal, overload, shorts, HF, DC, back EMF and inrush current
- Phoenix-type input and output connections
- Remote power-on/off contact
- Programmable power-on delay settings
- Front-to-rear fans

**RCM-810 IRIS-NET REMOTE CONTROL MODULE FOR CPS SERIES AMPLIFIERS**



- Enable powerful control and supervision capabilities
- Integrate up to 100 devices in each remote control network, 250 with multiple networks
- Support for 2-, 4- and 8-channel CPS models
- Freely programmable control inputs and outputs
- Load-monitoring for each channel
- Variable Load Drive for independent channel impedance on 4- and 8-channel amps (2–10 Ω in 0.1 Ω steps)