



# UcD400

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## General Description

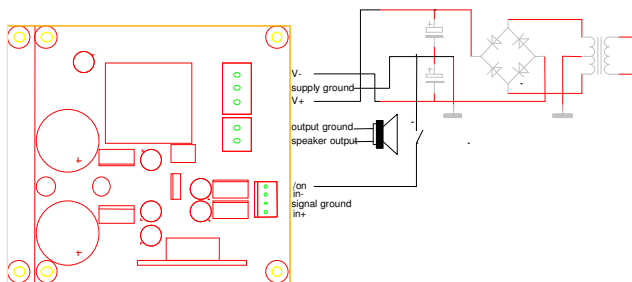
The UcD400 is a state-of-the-art full-range amplifier-module based on high-end UCD-technology. The module can be remotely switched ON/OFF and is small, lightweight and will fit into any of your applications:

- Active monitoring systems.
- Professional high-end audio.
- DIY-projects.
- Active Public Address systems.
- Active subwoofers.

In the UcD400 you will find a small, powerful and reliable amplifier for all your pure amplification needs.

## Features

- 400W/4Ω, 210W/8Ω (±60V supply).
- $0.015\% < \text{THD+N} < 0.035\%$  50W/8Ω 10Hz < f < 20kHz.
- Power Bandwidth 10Hz < f < 20kHz ±0.5dB.
- Input impedance 100kΩ.
- Stand-by mode (stand-by power < 6W).
- Differential input.
- Short-circuit protection.
- Overvoltage protection.
- Pop-free stop mode.
- Voltage gain: 26dB.
- Load-independent bandwidth.
- Efficiency >90%.
- Dimensions 82mm x 75mm x 31mm.
- Weighs only 150g.



## Connection Diagram

Connection	Description	min	max
V+	+ supply voltage	+20V	+60V
V-	- supply voltage	-20V	-60V
GND	Supply ground		
LS-	Output ground		
LS+	Speaker output		
/ON	On (internal pull-up)		
IN-	Negative signal input		
GND	Signal ground		
IN+	Positive signal input		

In case of an un-balanced source: connect IN- to signal-ground at the signal-source.