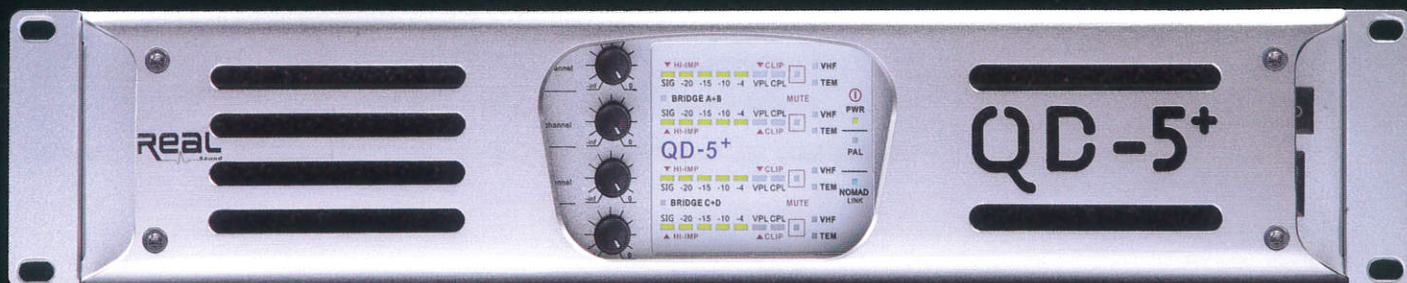


# QD Series

## Applications

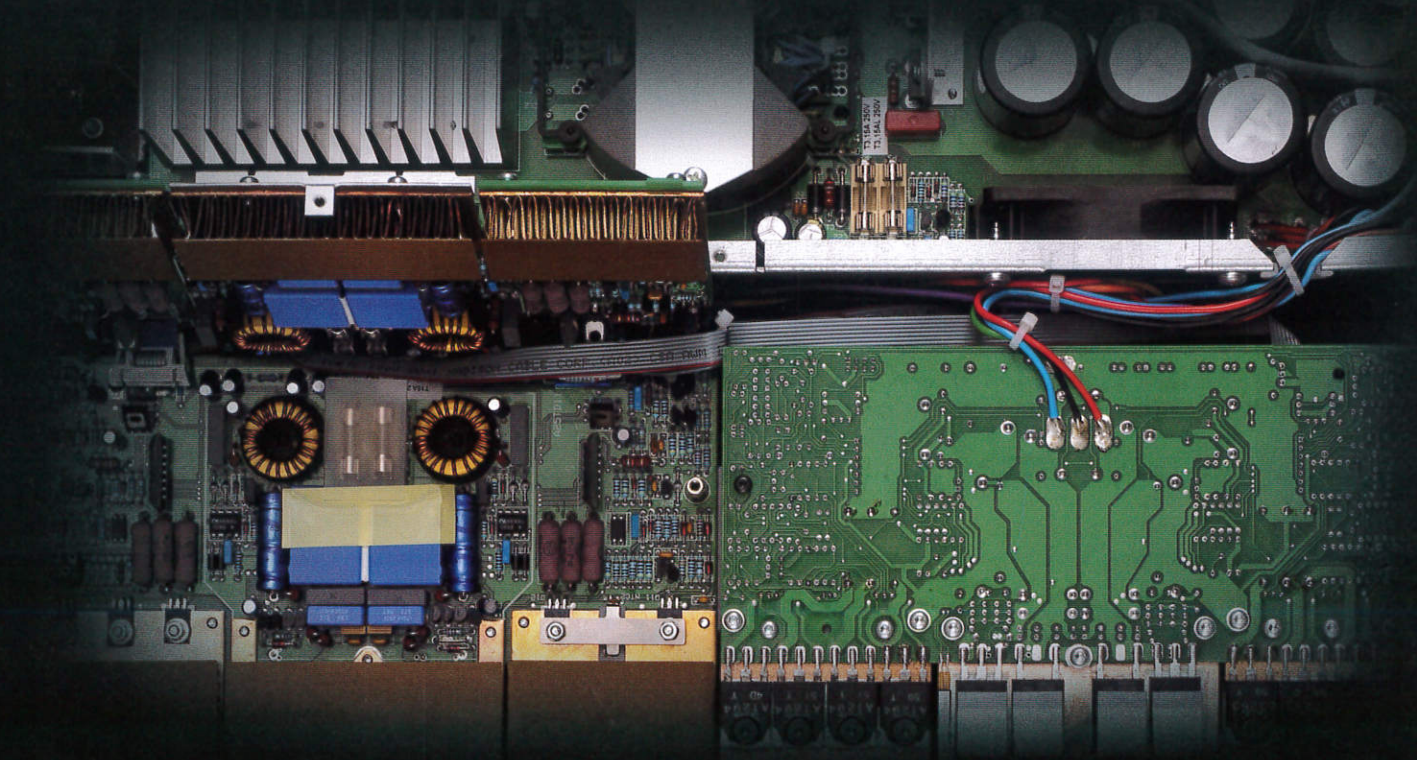
QD Series with 2 steps class D. QD Series is developed in another independent system, totally different with other series. They have been new in many aspects. 75% has been assembled by SMT. The protection circuit is excellent too. It has switching on volume gradual increase, soft start, voltage limit, current limit and intelligent short circuit protection new technology. All above merits make your assurance for all using conditions. QD series has 2U height, bridge 2 ohm.



In today's tough touring environment, competitive sound hire companies are relying on RealSound QD Series amplifiers for performance that leads to profitability. Simply put, no other amplifiers can match the QD Series reputation delivering superior sound quality, enduring severe stress, and packing more power into downsized equipment racks.

Now the QD Series offers more options for fitting this performance into your future tours. Select from six different models, with power output from 2000 to 7000 watts per channel, including two four-channel versions. Regardless of your system size or program material – from delicate classical to slamming hip-hop – your FOH arrays and monitor wedges will realize full performance potential under QD Series power.

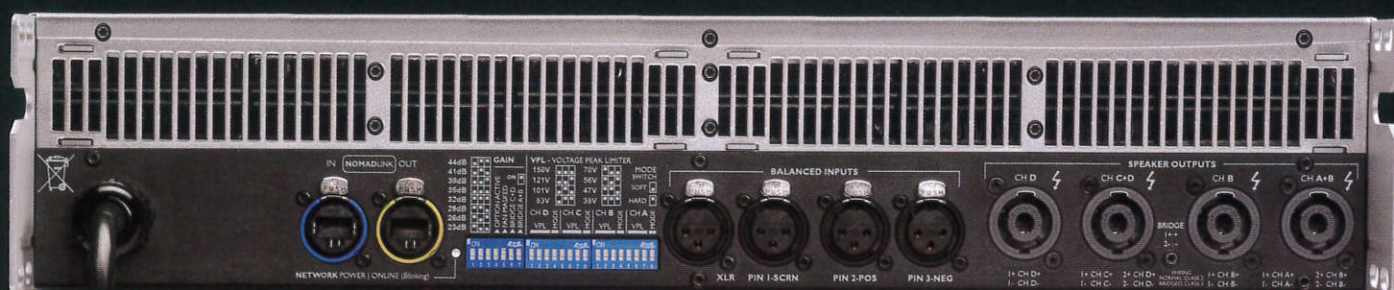
All Three QD Series amplifiers share common family traits. All are built around the same core technologies, including patented Class TD output stage topology, R.SMPS regulated switch-mode power supplies, and proprietary copper-finned Intercooler heat dissipation systems. All offer real-time monitoring and control via the NomadLink network, with network modules included as standard equipment. And no matter where your tours may take you, all QD Series amplifiers are followed by RealSound's six-year, no-quibble warranty.





## Real Sound power Amplifiers Applications

- Theatres and theatrical sound reinforcement
- Houses of worship
- Portable and installed AV systems
- Center and sidefill in large-scale systems
- Concert Halls
- Distributed systems in stadiums and theme parks
- Nightclubs



## Product Features

- Unprecedented power density: higher output in a compact (2U), lightweight frame
- Seven models allow rack configuration flexibility a perfect match for any application
- Two- and four-channel versions
- Proven durability in extreme touring conditions
- A full suite of protection features for fail-safe operation
- Patented Class TD output stages for high efficiency and sonic transparency
- NomadLink network monitoring and control (module included as standard)
- All channels bridgeable with automatic -6dB summing compensation
- Outputs optimized for load conditions with VPL

## Specifications

Model	QD-3+	QD-5+
Stereo power 2Ω	4x1500W	4x2500W
Stereo power 4Ω	4x1250W	4x2100W
Stereo power 8Ω	4x625W	4x1300W
Stereo power 16Ω	2x320W	2x660W
1KHz0.1%THD 4Ω	2x3000W	2x5000W
Bridge mono Power 8Ω	2x2500W	2x4200W
Indicator	Protect/clip/signal/bridge	
Control	ChA\ChB\ChC\ChD Volume mode/tone/matrix mixer	
THD 20 Hz - 20 kHz for 1 W	<0.01%	
THD at 1 kHz and 1 dB below clipping	<0.05%	
Signal To Noise Ratio	>112dBA	
Channel separation (Crosstalk) at 1 kHz	>70dB	
Frequency response (1 W into 8 ohms) +0/-3 dB	2Hz -34KHz	
Input impedance	20KOhm	
Input Common Mode Rejection, CMR	54dB	
Output impedance @ 100 Hz	56mOhm	
Amplifier gain selectable (all channels)	23, 26, 29, 32, 35, 38, 41, 44 dB	
Input connectors (per ch.)	3-pin XLR, electronically balanced	
Output connectors (per ch.)	Binding Posts 2-pole	
Slew Rate	30v/μs(Stereo)	
Main power supply	~230V 50/60Hz FUSE:T10A	
Dimensions mm(HxWxD)	88x482x420(2U)	
Weight kg	11.5	13