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PROUDLY DEVELOPED AND  
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# QUATRO

Active PA system  
Class D amplifier  
Integrated DSP



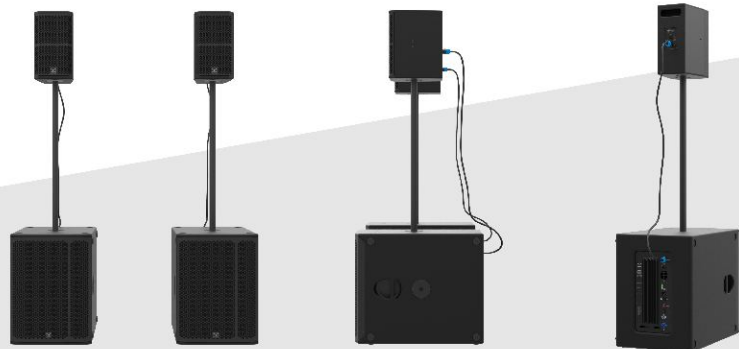
## Presentation:

QUATRO is a PA system that combines the sound quality and reliability with the latest class D amplifier technology, including a very powerful Class D amplifier coupled to a fully programmable DSP. The rugged and compact bandpass subwoofer made from 18mm birch plywood houses two 12" high performance EU transducers, 4" voice coil, ideally suited for very high loading cabinets such as this bandpass configuration and designed to ensure maximum strength, smooth response and symmetric large signal behavior across the whole working range. Combined to the subwoofer there are two mid/hi units, both passive and driven by the Class D amplifier set on the Q212A subwoofer. Each coaxial Q206 enclosure is loaded with 6.5" (2in voice coil) + 6.5" coaxial (2/1in voice coil) EU transducers, resulting in an extremely linear motor assembly that provides a smooth response within its intended frequency range and maximum reliability under high mechanical stress. There is a programmable DSP for real time operation and a XLR output connector that permits parallel operation of active speakers. The Class D amp is prepared for universal mains 85-264Vac and features various electronic protections. To increase flexibility, the Q206 has 2x M6 thread inserts to allow its fixed installation using the wall mount metal frame available.

## Features:

- Compact self-powered PA system
- Suited for all kind of applications
- Q206 with 6" + 6" COAX EU transducers
- Driven by a powerful Class D amplifier
- Fully programmable DSP (5 presets)
- Universal 85-264Vac mains supply
- Q212A is prepared vert. or horiz. operation
- Custom perforated metall grilles with foam
- Rugged and durable polyurea coating

## Other pictures:



Front view

Side view

Rear view





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## Technical specifications:

### Acoustical

Type	Active PA system
Enclosure design	Bass reflex (Q212A) Coaxial speaker (Q206)
Power output (RMS)	1400W (Q212A) 400W (Q206)
Power handling capacity	2500W + 700W rms
Frequency range	35Hz - 200HZ 96Hz - 18kHz
Nominal impedance	N/A
Transducer type	2x 12" LF (4in) EU transducer (Q212A) 6" (2in) + 6" coax (2/1.75in) EU transducers (Q206)
Dispersion	90° Axisymmetrical conical (Q206)
Crossover frequency	Adjustable by fully programmable DSP
SPL (1W/1kHz)	131dB@1m (Q212A) 126dB@1m (Q206)

### Electronics

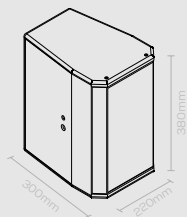
Amplifier type	Class D
Amplifier output	2500W + 700W rms
Audio input	XLR/Jack combo connector (Q212A) Neutrik® NL4 (Q206)
Audio output	XLR 3p female (LANE15) Neutrik® NL4 (T803)
AC Mains	Switching power supply 85-264Vac universal mains
AC Mains connector	Neutrik® powerCON, Power-in (blue) / Power-out (grey)
Protections	Over current, short circuit, thermal, DC and HF protections

### Physical

Cabinet	18mm birch plywood (Q212A) 15mm birch plywood (Q206)
Grille	Custom perforated metal grilles with protective foam
Color	Black or white textured durable polyurea coating
Hardware	Ø35mm pole mount socket, wall bracket available for Q206
Dimensions	445x610x690mm (Q212A) 220x380x300mm (Q206)
Weight	51Kg (Q212A) 12.5Kg (Q206)

## Dimensions:

QUATRO  
Q206



QUATRO  
Q212A

