



CELESTION
QXi
**PROFESSIONAL SOUND
REINFORCEMENT SYSTEMS**



BREAKING THE SOUND BARRIER

Celestion's QXi series delivers professional sound reinforcement solutions boasting a level of audio fidelity previously only available in much more expensive systems. Designed to be easily transportable for use on the road, the speakers are also suitable for fixed installations, with integral fly-points and pole mounts fitted on selected models.

Drawing from over 80 years of loudspeaker design expertise, QXi systems benefit from a homogeneous build approach, developed entirely at our purpose-built UK facilities. Housed in rugged, high quality wood enclosures, Celestion compression drivers and our Truvox speakers combine to deliver crystal clear audio across the full audible frequency spectrum.

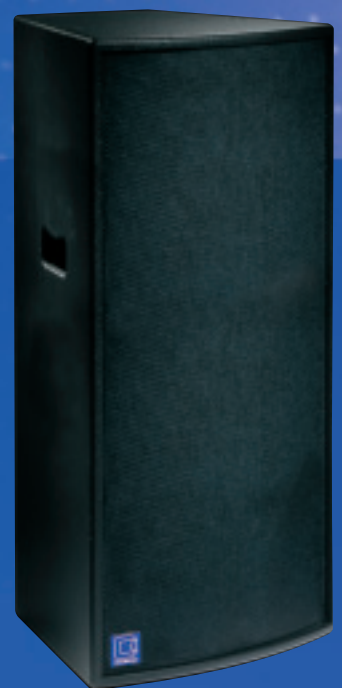


NEW FOR 2005

The QXi 215 features some exciting new design developments.

Two 15" drivers - one direct radiating, the other mounted inside the ported cabinet at 90° - form a modified band-pass system.

This ingenious driver loading arrangement results in pure, natural-sounding audio with a solid, tight bottom end. What's more, the overall reduction in panel sizes means easier handling and greater resistance to driver-induced vibration.



005

- Ultra-compact, dual 5" 2-way, full-range loudspeaker
- 1" lightweight neodymium compression driver
- Thermal overload protection
- Low profile cabinet for space critical applications
- Integral mounting points top and bottom for yoke fixing and rear points for proprietary bracket
- Black spatter paint finish



GENERAL SPECIFICATIONS

System	Dual 5" 2-way full-range	Drivers	LF: 2 x 5", HF: 1" CD
Power	75W	Nominal dispersion, H x V	90° conical
Sensitivity (1W @ 1m)	92dB	Protection	Thermal overload protection
Maximum SPL	111dB	Connectors	1 x Speakon®
Nominal Impedance	16Ω	Weight	8kg
Frequency Response	130Hz - 20kHz	Dimensions H x W x D	417 x 216 x 191mm

008

- Compact 8" 2-way, full-range loudspeaker
- 1" lightweight neodymium compression driver
- High quality, internal passive crossover
- Thermal overload protection
- Integral mounting points top and bottom for yoke fixing, and rear points for proprietary bracket
- Black spatter paint finish



GENERAL SPECIFICATIONS

System	8" 2-way full-range	Drivers	LF: 8", HF: 1" CD
Power	150W	Nominal dispersion, H x V	90° conical
Sensitivity (1W @ 1m)	94dB	Protection	Thermal overload protection
Maximum SPL	116dB	Connectors	1 x Speakon®
Nominal Impedance	8Ω	Weight	15kg
Frequency Response	70Hz - 20kHz	Dimensions H x W x D	390 x 282 x 268mm

012

- 12" 2-way, full-range loudspeaker
- 1" lightweight neodymium compression driver
- High quality, internal passive crossover
- Thermal overload protection
- Routed handles, pole mount socket and internal rigging points for installations or portable applications
- Birch ply cabinet, black spatter paint finish



GENERAL SPECIFICATIONS

System	12" 2-way full-range	Drivers	LF: 12", HF: 1" CD
Power	300W	Nominal dispersion, H x V	90° x 40°
Sensitivity (1W @ 1m)	96dB	Protection	Thermal overload protection
Maximum SPL	121dB	Connectors	2 x Speakon®
Nominal Impedance	8Ω	Weight	17.5kg
Frequency Response	50Hz - 20kHz	Dimensions H x W x D	630 x 420 x 335mm

015

- 15" 2-way, full-range loudspeaker
- 1" lightweight neodymium compression driver
- High quality, internal passive crossover
- Thermal overload protection
- Routed handles, pole mount socket and internal rigging points for installations or portable applications
- Birch ply cabinet, black spatter paint finish



GENERAL SPECIFICATIONS

System	15" 2-way full-range	Drivers	LF: 15", HF: 1" CD
Power	350W	Nominal dispersion, H x V	90° x 40°
Sensitivity (1W @ 1m)	98dB	Protection	Thermal overload protection
Maximum SPL	124dB	Connectors	2 x Speakon®
Nominal Impedance	8Ω	Weight	25kg
Frequency Response	40Hz - 20kHz	Dimensions H x W x D	733 x 496 x 423mm

215

- 2 x 15" quasi 3-way, full-range loudspeaker
- 1" CDX1-1745 ceramic compression driver
- High quality, internal passive crossover
- Thermal overload protection
- Routed handles
- Compact, easily-transportable design
- Smaller panel sizes yield greater resistance to driver-induced vibration
- Birch ply cabinet, black spatter paint finish

GENERAL SPECIFICATIONS (PRELIMINARY)

System	2 x 15" quasi 3-way full-range	Drivers	LF: 2 x 15", HF: 1" CD
Power	500W	Nominal dispersion, H x V	90° x 40°
Sensitivity (1W @ 1m)	100dB	Protection	Thermal overload protection
Maximum SPL	128dB	Connectors	2 x Speakon®
Nominal Impedance	8Ω	Weight	35kg
Frequency Response	40Hz - 20kHz	Dimensions H x W x D	1012 x 494 x 486mm

315

- 15" 3-way, full-range loudspeaker
- 1" lightweight neodymium compression driver
- High quality, internal passive crossover
- Thermal overload protection
- Routed handles, pole mount socket and internal rigging points for installations or portable applications
- Birch ply cabinet, black spatter paint finish

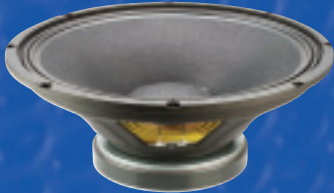


GENERAL SPECIFICATIONS

System	15" 3-way full-range	Drivers	LF: 15", Mid: 6", HF: 1" CD
Power	400W	Nominal dispersion, H x V	90° x 40°
Sensitivity (1W @ 1m)	99dB	Protection	Thermal overload protection
Maximum SPL	125dB	Connectors	2 x Speakon®
Nominal Impedance	8Ω	Weight	26.5kg
Frequency Response	40Hz - 20kHz	Dimensions H x W x D	733 x 496 x 423mm

THE DRIVE UNITS

In designing the Truvox Series, Celestion invested years of intensive research and development. Each model has an individually specified cone composition, ensuring maximum sensitivity and minimum distortion. Meanwhile, high temperature voice coils combine with proprietary suspensions to deliver awesome power handling and absolute reliability.



Celestion CDX compression drivers are modelled using Finite Element Analysis to produce a coherent wavefront at the throat exit. Through careful choice of either neodymium or ceramic magnets, each model remains lightweight while packing in the optimum amount of magnetic flux for an outstanding performance.



Fully specified to deliver an exacting and dynamic frequency response, CDX compression drivers are high-quality, cost-effective solutions for reinforcement systems.

THE CABINETS

The moving air created by transducers creates a complex set of vibrations, reflections and resonances within an enclosure. Celestion cabinets are meticulously designed and constructed to eliminate mechanical interference and losses. High quality birch ply and MDF woods are selected for their resistance to internal resonances. Rigid internal bracing, combined with sturdy, screwed and glued joints ensures a vibration-free housing. And internal wadding minimises the standing waves that are destructive to a flat frequency response.



CELESTION

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Please note that Celestion adopt a progressive policy and we reserve the right to alter drive unit specifications and/or appearance without prior notice.