

Q L N A C O U S T I C S S W E D E N



Qln

Q U B I C S E R I E S



THE CROSSOVERS

CROSSOVER DESIGN is crucial to the performance of a loudspeaker. Even the most advanced drive units can be distorted beyond recognition if the design of the crossover has not been considered thoroughly. In order to reproduce all the details and nuances in the music, the crossover components must be of the very highest quality.

Consequently, in the Qubic Series, we use low-loss wiring and heavy air-core coils made of oxygen free copper (OFC) together with high-voltage, low-loss capacitors.

The crossovers are also completely hardwired, i.e. no PCBs are used, thus eliminating every conceivable loss.

THE CABINET

TO REPRODUCE a correct, three-dimensional sound field, the speaker cabinet must be stable, in order not to cause distortion that reduces dynamic capability and resolution.

Accordingly, the cabinets in the Qubic Series are constructed out of sturdy and well-stabilized materials with high internal damping.

Furthermore, the front baffles have a minimized area and are made of very thick and rigid material to provide the perfect support for the drive units.

THE DRIVE UNITS

THE ADVANCED DRIVE UNITS used in the Qubic Series constitute a new standard for modern loudspeakers. They are characterized by a wide and linear frequency response, low distortion, lack of compression and high power handling. All units have been developed and selected to live up to the highest demands for Dynamic precision, realism and musical integration.



Qubic series



TO REACH

THE SOUL IN MUSIC

THERE ARE NO SHORTCUTS

THE SOUND

READING ABOUT SOUND is like being told about a movie. Words and figures are a poor substitute. Frequency response curves just partly show how a loudspeaker behaves physically. To determine how it really sounds, there is only one unique instrument – the human ear.

In the absence of a generally accepted, objective standard of measurement, any well-equipped laboratory can legitimately produce a variety of frequency response curves for a loudspeaker, depending on the conditions selected.

At Qln we use highly sophisticated computers to understand fully the complexity in loudspeaker development, and for efficient quality control, but the final analysis of the sound is done by extensive listening sessions attended by perceptive listeners.

Qln loudspeakers are designed, produced and tested with one major objective; to reproduce music. As a result, our design philosophy offers a unique combination of scientific objectivity, subjective judgement and uncompromising technology. Qln always give you the latest improvements in loudspeaker technology, placing Qln loudspeakers at the forefront.

FROM QLN TO QUBIC

QLN IS THE LARGEST manufacturer of audiophile loudspeaker in Sweden.

For the last 15 years we have designed and produced loudspeakers for music lovers all over the world.

In 1981 we presented our first hi-fi monitor, the Qln One. Hi-fi experts were highly impressed by the original and uncompromising design. With its advanced technology, the Qln One set new standards for the performance of small two-way hi-fi monitors.

Today, more than a decade after its introduction, the Qln One is regarded as a true classic by audio enthusiasts all over the world, and in its presents almost unchanged form, it still belong to the absolute top echelon of advanced hi-fi loudspeakers.

The speakers in the Qubic Series are the product of our unique know-how and experience and are part of the design philosophy we have applied through the years with such success.

QUBIC

THE QLN QUBIC series has been developed to live up to the high demands of the nineties, whether the programme source is analogue or digital. The loudspeakers are both technically and aesthetically extremely advanced. Sophisticated computer technology, craftsmanship and tradition have been combined to satisfy the very highest demands on performance and finish.

THE PHILOSOPHY

THE CONCEPT – "Dynamic Precision" – summarises our design philosophy. The speakers in the Qubic Series have been designed to satisfy the purist's demands for dynamic capability and musical accuracy. The Qubic loudspeakers are capable of reproducing every detail and nuance in classical music without losing the power and intensity of a rock concert.

M A D E I N S W E D E N



Qln
ACOUSTICS

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≡ TO REACH

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Qubic 111

D A T A

Typ	2 way Basreflex
Woofer/Mid	6,5" coated paper cone
Tweeter	3/4" dome ferro fluid
Impedance (Ohm)	8
Recommended Amplifier (Watt)	20-150
Sensitivity SPL 1W, 1m (dB)	90
Power handling programme (Watt)	150
Frequency response +/- 2dB (Hz)	58-22.000
Low frequency performance at - 6dB (Hz)	48
Dimensions (H x W x D mm)	330 x 210 x 256
Weight, each (kg)	6,0

Specifications and appearance subject to change
for further improvement without notice.

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Qubic 121

D A T A

Typ	2 way Basreflex
Woofer/Mid	6,5" coated paper cone
Tweeter	1" textil dome ferro fluid
Impedance (Ohm)	4
Recommended Amplifier (Watt)	20-150
Sensitivity SPL 1W, 1m (dB)	90
Power handling programme (Watt)	150
Frequency response +/- 2dB (Hz)	52-22.000
Low frequency performance at -6dB (Hz)	42
Dimensions (H x W x D mm)	402 x 210 x 255
Weight, each (kg)	7,5

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Qubic 122

D A T A

Typ	2 way Basreflex
Woofers/Mid	6,5" coated paper cone
Tweeter	3/4" dome ferro fluid
Impedance (Ohm)	8
Recommended Amplifier (Watt)	20-150
Sensitivity SPL 1W, 1m (dB)	90
Power handling programme (Watt)	150
Frequency response +/- 2dB (Hz)	50-22.000
Low frequency performance at - 6dB (Hz)	38
Dimensions (H x W x D mm)	800 x 210 x 256
Weight, each (kg)	12

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Qubic 133

D A T A

Typ	2 way Basreflex
Woofer/Mid	2×6,5" coated paper cone
Tweeter	1" textil dome ferro fluid
Impedance (Ohm)	4
Recommended Amplifier (Watt)	20-250
Sensitivity SPL 1W, 1m (dB)	91
Power handling programme (Watt)	250
Frequency response +/- 2dB (Hz)	44-25.000
Low frequency performance at - 6dB (Hz)	34
Dimensions (H×W×D mm)	900×210×292
Weight, each (kg)	15

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Qubic 222

D A T A

Typ	2 way Basreflex
Woofer/Mid	6,5" coated paper cone
Tweeter	3/4" textil dome ferro fluid
Impedance (Ohm)	4
Recommended Amplifier (Watt)	20-150
Sensitivity SPL 1W, 1m (dB)	90
Power handling programme (Watt)	150
Frequency response +/- 2dB (Hz)	48-23.000
Low frequency performance at -6dB (Hz)	34
Dimensions (H x W x D mm)	850 x 210 x 292
Weight, each (kg)	15

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Qubic 313

D A T A

Typ	2,5 way Basreflex
Woofer	6,5" coated paper cone
Woofer/Mid	6,5" coated paper cone
Tweeter	1" textil dome ferro fluid
Impedance (Ohm)	4
Recommended Amplifier (Watt)	20-250
Sensitivity SPL 1W, 1m (dB)	91
Power handling programme (Watt)	250
Frequency response +/- 2dB (Hz)	42-30.000
Low frequency performance at -6dB (Hz)	32
Dimensions (H x W x D mm)	1030 x 210 x 295
Weight, each (kg)	17

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Qubic 929

D A T A

Typ	3 way Basreflex
Woofer	2 × 6,5" coated paper cone
Mid	6,5" coated paper cone
Tweeter	1" textil dome ferro fluid
Impedance (Ohm)	4
Recommended Amplifier (Watt)	20–350
Sensitivity SPL 1W, 1m (dB)	92
Power handling programme (Watt)	350
Frequency response +/- 2dB (Hz)	40–30.000
Low frequency performance at - 6dB (Hz)	30
Dimensions (H × W × D mm)	1127 × 240 × 312
Weight, each (kg)	24

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Qubic FS 500/600

D A T A

Model	FS500	FS600
Typ	2 way Basreflex	2 way Basreflex
Woofer/Mid	2×5" coated paper cone	2×6,5" coated paper cone
Tweeter	3/4" dome ferro fluid	1" textil dome ferro fluid
Impedance (Ohm)	4	4
Recommended Amplifier (Watt)	20-150	20-250
Sensitivity SPL 1W, 1m (dB)	90	91
Power handling programme (Watt)	150	250
Frequency response +/- 2dB (Hz)	60-22.000	55-25.000
Low frequency performance at - 6dB (Hz)	50	45
Dimensions (H×W×D mm)	160×526 ×264	200×576 ×274
Weight each (kg)	9	11

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