

THE SPIRIT OF MUSIC



CL 82 MKII
CL 102 MKII



CL 82 MKII

The application of the latest technological advances coupled with an unwavering devotion to quality mean the CL 82 MKII – the smallest of ELAC's Compact Line – can outperform many larger, more expensive loudspeakers.

In use, ELAC's proprietary, high performance drive units, combined with an optimised acoustic power response (thanks to the CALE program developed by ELAC) allow the CL 82 MKII to deliver expansive, rich and detailed sound that is simply remarkable for a speaker of this size and price.

The ELAC CL 82 MKII is recommended for room sizes around 16 sq.m or more.



ELAC High Technology

ELAC has been involved in the research and development of sound equipment for over 70 years. Of the hundreds of loudspeaker brands on the market, ELAC is now one of the very few who actually design and manufacture their own speaker drive units. This allows the Company to optimise designs and quality procedures to a degree simply not possible when using commodity drivers.

Technical Information

Tweeters: HT25 Advanced Alloy design. The dome and voice coil former of the HT 25 tweeter is deep drawn from one piece aluminium-magnesium-manganese, thus providing in-built heatsinking protection against thermal stress and safe operation even under overload conditions. This very high power tweeter allows two-way designs to be optimised with a crossover frequency of 2300 Hz.

Woofers: 180mm Long-Stroke Low Coloration Woofer. ELAC's proprietary woofers use an aluminium/pulp sandwich design in which a 0.2mm aluminium layer is bonded to doped pulp fibre, forming an extremely light, rigid cone with a high degree of self-damping.

Bass Reflex Ports: Advanced air flow techniques have been used to design a port that minimises flow noise and frictional losses when moving large volumes of air. For fast, dynamic bass.

Speaker Terminals: New international safety standards (IEC 65 and CE-guidelines) require protection against electric shock and special precautions, so banana plug connectors cannot be used.

In ELAC's new designs, the input sockets are covered with caps preventing the direct insertion of banana plugs. However, the binding posts accept substantial cable sizes up to 10 sq.mm (AWG7) and are formed so that a coin can be used as a screwdriver to loosen or tighten the connection.

All contact areas including the new bi-wiring / bi-amping jumpers, feature 14-carat gold plating and durable plastic insulation. This provides perfect electric conductivity combined with long term corrosion resistance.

Precision Mounting Spikes: To increase stability and performance ELAC includes height adjustable precision spikes with the CL102 MKII. Using the spikes not only confers increased stability but also facilitates clearer sharper bass transients and a deeper bass response. For parquet or floor tiles, rubber covered feet are provided to prevent scratching.

CL82 MKII and CL102 MKII loudspeakers carry ELAC's unique promise of quality and our full 10 year guarantee.

CL 102 MKII

The CL 102 MKII is an advanced compact floor standing speaker. Sharing the same custom-built drivers and components as the CL 82 MKII, the CL 102 MKII matches its effortless audiophile performance throughout the dynamic range.

In use, the CL 102 MKII's larger cabinet and bass port allow even deeper bass, greater power handling and even better dynamics. The ELAC CL 102 MKII is truly a loudspeaker of quality with remarkable music making abilities.

The ELAC CL 102 MKII is recommended for room sizes around 20 sq.m or more.



ELAC's Aluminium Sandwich-Membrane gives accurate sound reproduction.



HT25 one piece dome and voice coil.



The crossover network.



Technical Specifications

	CL 82 MKII	CL 102 MKII
Dimensions HxWxD	330 x 200 x 270mm	935 x 200 x 270mm
Weight	7.5kg	17.2kg
Principle	2 way, vented	2 way, vented
Woofers	180 mm ø cone	180 mm ø cone
Tweeter	25mm aluminium dome	25mm aluminium dome
Crossover Frequencies	2300Hz	2300Hz
Nominal Power Handling	80W	100W
Peak Power Handling	120W	130W
Frequency Range	38...23,000Hz	34...23,000Hz
Sensitivity	88dB/2.83V/m	88dB/2.83V/m
Nominal Impedance	4Ω	4Ω
Recommended amp. output	30-200W/channel	30-200W/channel
Manufacturer's Guarantee:	10 years	10 years

Due to ELAC's policy of continually updating designs and specifications, technical data may change without notice.



Certified according
ISO 14001
 Germanischer Lloyd Certification



DESIGN AWARD WINNER 1997
 INDUSTRIE FORUM DESIGN HANNOVER



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