

THE MARTEN HISTORY

In his early teens, Leif Mårten Olofsson began devoting his spare time to designing speakers in the family garage. He created numerous versions of his speakers over the years while studying and graduating as an electronic engineer. But it wasn't until the mid 90s, when he first discovered Accuton tweeters with their pure ceramic cones, that he realised that he could make something truly special.


The rigid pure ceramic cones produced a cleaner, totally transparent sound. He heard more detail in recordings than ever before, accompanied by greater natural dynamics and extreme speed. Out of all the products he'd tested over the years, these were the absolute best.



TECHNICAL SPECIFICATION "MILES II"
 Frequency range: 31-20000 Hz, +- 3 dB
 Power rating: 200 W
 Sensitivity: 87 dB/w/m
 Impedance: 4 ohm (lowest 3.8 ohm)
 Type: Ported system, port resonance 3.2 Hz
 Drive units:
 Two 7" ceramic unit
 Filter: 1st order, 3
 Box material: 2 x 1
 glued with decoupling glue
 Measurements (H x W x D)
 108.0 x 213.6 x 41
 Net weight: 5.7 kg
 Type of wood: CM

TECHNICAL SPECIFICATION "MINGUS III"
 Frequency range: 31-20000 Hz, +- 3 dB
 Power rating: 130 W
 Sensitivity: 87 dB/w/m
 Impedance: 4 ohm (lowest 4.2 ohm)
 Type: Ported system, port resonance 3.6 Hz

TECHNICAL SPECIFICATION "MONK"
 Frequency range: 40-20000 Hz, +- 3 dB
 Power rating: 130 W
 Sensitivity: 87 dB/w/m
 Impedance: 4 ohm (lowest 3.8 ohm)
 Type: Ported system, port resonance 3.9 Hz



With our speakers, our goal is to reproduce music that is as close to reality as possible. We are not alone in trying to achieve this, of course, but our speakers are constructed to render music as close to this, as possible, in a normal living space. In this we are quite unique.

**MARTEN
DESIGN**

TECHNICAL SPECIFICATION "COLTRANE"
 Frequency range: 19-32000 Hz +- 3 dB
 Power rating: 300 W
 Sensitivity: 88 dB/w/m
 Impedance: 4 ohm (lowest 3.11 ohm)
 Type: Ported system, port resonance 19 Hz
 Drive units: Two 8.5" ceramic unit
 one 4" ceramic unit & one 1" ceramic unit
 Filter: 1st order, 300 & 3500 Hz
 Box material: 2 x 19 mmis MDF,
 glued with decoupling glue
 Terminals: Blowing-terminals (WBT)
 Measurements (H x W x D):
 110.0 x 35.3 x 85.0 cm
 Net weight: 9.5 kg/pc.

Most speakers on the market are designed to be placed freely in a room, as far away from any reflective surfaces as possible, often 1.0-2.0 metres from the wall behind and beside. That is a rather strange way to design a speaker. Most people can not place the speakers as the designer had in mind. The consequence is that they end up quite close to the wall behind. The sound then becomes distorted, with a rather heavy and impure bass and inferior quality stereo- and deep perspective. Therefore, speakers by Marten Design are constructed for positioning close to the back wall and to a certain extent the side walls. This is considerably harder to achieve. Instead, our speakers make use of reflective surfaces. We can use the amplifying effect the walls have on the bass range as an advantage.



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www.martendesign.com

www.martendesign.com

The first ever Marten product brochure with Miles 2, Mingus 3, Monk and a prototype of Coltrane.

Leif tried various combinations with bass units from different manufacturers, but the Accuton tweeters were so fast compared to the much slower bass units. Leif didn't want to lower the speed

as he knew this would diminish the realistic dynamics. He tried using a crossover filter design to allow for the slower bass units, but the sound from his creations was not yet reaching the purity he desired.

The solution to Leif's problem arose when he fitted new bass units with cones in pure ceramic. It was a eureka moment and the first Marten loudspeaker was born. It was a 2-way, floor standing model with one bass unit and one tweeter. Leif christened it Mingus. The next model was a bigger 2,5-way floor stander, that he called Miles. Now in its fifth version, Miles is still available today.



2003 product brochure

After Mingus and Miles, came Monk. This was a breakthrough speaker for Marten. It got sensational reviews in the leading Scandinavian hi-fi magazines, putting the company in the spotlight and helping it grow.

The Marten design philosophy is to produce loud speakers that reproduce, as faithfully as possible, the original performance captured in a recording – all the fantastic musical moments that music fans cherished on CD and vinyl.

Marten's creations follow in the tradition of Swedish functionalism. The speaker's function is given priority over its form. You'll find no unnecessarily showy elements on a Marten loudspeaker. Every little detail is there for a reason – to offer a fantastic musical experience to the listener. Practicality is also a big design consideration. It's always been very important to Marten that the speakers can be enjoyed in a normal living space, not in a special constructed listening environment.

At the start of the 2000s, Marten began the development of its first three-way model – a true flagship model called Coltrane that had its international debut in 2003. In Coltrane, the pure ceramic tweeter was replaced with the only thing substantially better – pure diamond. The cabinet was made of a carbon fibre composite, an extremely hard and rigid high tech material. The cabinet materials were selected after extensive testing because it was found to produce fantastic results when combined with the extremely stiff and rigid cones of the diamond and ceramic drivers.

The Coltrane made the Marten name famous all over the world. Then it was time to revisit past Marten models with what new experiences brought. These remodelled classics became the Heritage series.



first Coltrane brochure

In 2006, Marten introduced their most powerful speaker system to date, the Coltrane Supreme. Together with four other audio manufacturers from Sweden, this joint venture was an impressive Swedish Statement. It was a 'cost is no object' super system that got the whole the world talking and made the Marten name even bigger.

THE SWEDISH STATEMENT

Five Producers, One Statement

Made in Sweden

Mike Bladelius
Bladelius
Bladelius Design Group contributes with the spectacular Densaf 7000000 amplifier, which consist of two massive amplifiers in a single cabinet. The Densaf's combination of its own and MØRTEL's power devices in one amplifier, which has never been accomplished before, creates great advantages in mass reproduction, especially in the control of its sound in its amplified speaker systems. Bladelius will also provide the multi-function Control that plays, which plays CDs, DVD-Audio discs, DVD-Video discs and SACDs, and contains a 7.1 pre-amplifier section. www.bladelius.com

Jerna Kaski
Jerna Design
Jerna Design participates with world class multiplex and laminated cabinets, Jerna Prime. They are made of heat-treated materials and 90,000,000% stronger than just a tubular and natural, all the tubes to get the best possible result. The cabinet also make use of Rylife Superbeam Golden Quantum Pulver. www.jernadesign.com

Leif Olafsson
Marten
Marten introduced the world's first pure digital on-board driver in the Coltrane Supreme Subsystem. The most spectacular aspect of the Swedish Statement system, the Coltrane Supreme Subsystem system is without a doubt among the best in the world. The system consists of four towers. The two rear towers contain bass and midrange drivers with 80mm-dia. membranes, plus one tweeter-midrange and four bass drivers with ceramic membranes. Each of the two front towers is equipped with six ceramic bass drivers, a 200W-rms amplifier with active crossover for 160 Hz, and four tweeters. The cabinets of all four towers are made of carbon fibre laminate. The ambition of the Coltrane Supreme speaker system is to push the limits of sound reproduction beyond what has previously been possible. All speaker units are made by Accuton. www.martendesign.com

Robert Grönbast
Nordic Concept
Nordic Concept contributes with the Signature furniture of their Astor series, which stands out both in terms of design, reproduction and value reproduction. The group has two especially designed elements, One allows an all-leather, while the other uses a leading engineered from leather and moisture to flux magnets. The Astor Signature will stand up to any competition. www.nordicconcept.com

Daniel Nyström
Erik Olsson
Woo Design
Woo Design, the best and innovative furniture manufacturer, equips a unique piece that is especially designed for Swedish Statement. The 100kg furniture has a solid structure and frame with stainless 100% contact laminate shelves, floor stand with aluminium and also makes use of natural cotton for dampening. www.woodesign.com

Swedish Statement

In 2007 Marten had a complete brand overhaul to be more suitable for its new successful designs. The name changed from Mårten Design to the shorter and more concise 'Marten'.

M A R T E N
D E S I G N



Since Marten continued to have great success with the Coltrane models, it was a big surprise to many when the Django XL model was introduced in 2012. It was a big, full range, 3-way, 3-woofer floor stander for a surprisingly low price.

In 2012 Marten began investigating how to utilise a brand new tweeter in a pure ceramic cone material called the CELL. This started the huge technical development process that would lead to the arrival of the Coltrane Supreme 2 in 2014.

A joint venture with Accuton, Coltrane Supreme 2 saw the CELL concept brought to life with a first order crossover design. The CELL drivers all had identical acoustic centres, a technique that delivered perfect time and phase coherence. And during the speaker's development Marten also produced recordings in their own studio to get the truest reference possible for their work. When the recordings were played back in this same studio through the Coltrane Supreme 2, there was no difference in sound quality to that of the original live performance. Some of these recordings were published in the CD Supreme Sessions 1.

In 2015, the Coltrane 3 was developed using the same superior CELL drivers and first order crossover technique as the Coltrane Supreme 2. The result was a stunning 3-way model that offers an incredible listening experience in a more lounge-friendly form.



*The three brothers: **Jörgen Olofsson** - CEO, **Leif Olofsson** - Chief Designer & Founder and **Lars Olofsson** - Art Director*

Today, Marten has reached the goal of being one of the world's leading manufacturers of high-end loudspeakers. Through its outstanding research, testing and the use of pure ceramic and pure diamond cones, the Marten brand is now represented in around 30 countries. The Marten creative process is driven by a passion to recreate timeless music from the greatest recordings and the world's most skilful musicians. And it's a passion that gives great satisfaction, because by sharing the creations with the customers, they too can have amazing listening experiences in their homes. It's a driving force unique to Marten.

Marten timeline

| | | |
|------|--------------------|--|
| 1998 | Mingus | 2 way floorstander |
| 1999 | Miles | 2,5 way floorstander |
| 2000 | Monk | 2 way stand speaker |
| | Mingus 2 | 2 way floorstander |
| 2001 | Miles 2 | 2,5 way floorstander |
| 2002 | Mingus 3 | 2 way floorstander |
| 2003 | Coltrane | 3 way floorstander |
| | Miles 3 | 2 way floorstander |
| 2004 | Coltrane Alto | 3 way floorstander |
| 2005 | Duke | 2 way stand speaker |
| | Ellington | active bass unit |
| 2006 | Coltrane Supreme | 4 way with active bass towers |
| | Swedish Statement | A cost no object system |
| 2007 | Change of name | Mårten Design changed to Marten |
| | Bird | 3 way floorstander |
| 2008 | FormFloor | 2 way floorstander |
| | FormCentre | |
| | FormSub | |
| 2009 | Coltrane Soprano | 2 way floorstander |
| 2010 | Coltrane Momento | 3 way floorstander |
| | Getz | 3 way floorstander |
| 2011 | Coltrane 2 | 3 way floorstander |
| | M.Amp | mono amplifier |
| 2012 | Django XL | 3 way floorstander |
| | Heritage Update | |
| | Bird 2 | 3 way floorstander |
| | Getz 2 | 3 way floorstander |
| | Miles 5 | 2 way floorstander |
| | Duke 2 | 2 way floorstander |
| 2013 | Coltrane Tenor | 3 way floorstander |
| | Django L | 3 way floorstander |
| 2014 | Coltrane Supreme 2 | 5 way floorstander + passive radiators |
| | Supreme Sessions | CD, recorded at Marten studios |
| 2015 | Coltrane 3 | 3 way floorstander |

