



Reliable.
Versatile.
Economical.
100% Fohhn.



The MA system amplifier concept for fixed installations



Three performance classes – thousands of applications.

Fohhn MA system amplifiers.

MA-4.100

Analog or Dante



9,5" / 1 U
4 x 100 W peak, 4 ohms
4 x 4 matrix
1.2 kg

MA-4.600

Analog or Dante,
100 V capable



19" / 1 U
4 x 600 W, 4 ohms
4 x 4 matrix
5.2 kg

MA-2.1200

Analog or Dante,
100 V capable



19" / 1 U
2 x 1,200 W, 4 ohms
4 x 2 matrix
5.2 kg

System amplifiers for fixed installations. Whether conference room, hotel bar, auditorium or theatre. MA system amplifiers form the core of countless applications. Even if connections for both high-impedance and low-impedance loudspeaker systems are required in one and the same project, these can be operated simultaneously on an MA-4.600 or MA-2.1200.



All amplifiers come optionally
with Dante inputs or analog.

The heart of your installation: Fohhn system amplifiers.

Developed and manufactured by Fohhn in Germany. The MA amplifiers are a central component of the Fohhn system and guarantee reliability and durability.

Efficient



Strong performance in three performance classes.

Resounding



Excellent Fohhn sound quality now available for any project size.

Reliable



Developed and tested for 100,000 operating hours

Economical



Budget oriented and efficient.

Flexible



Extensive DSP functions and integrated routing matrix.

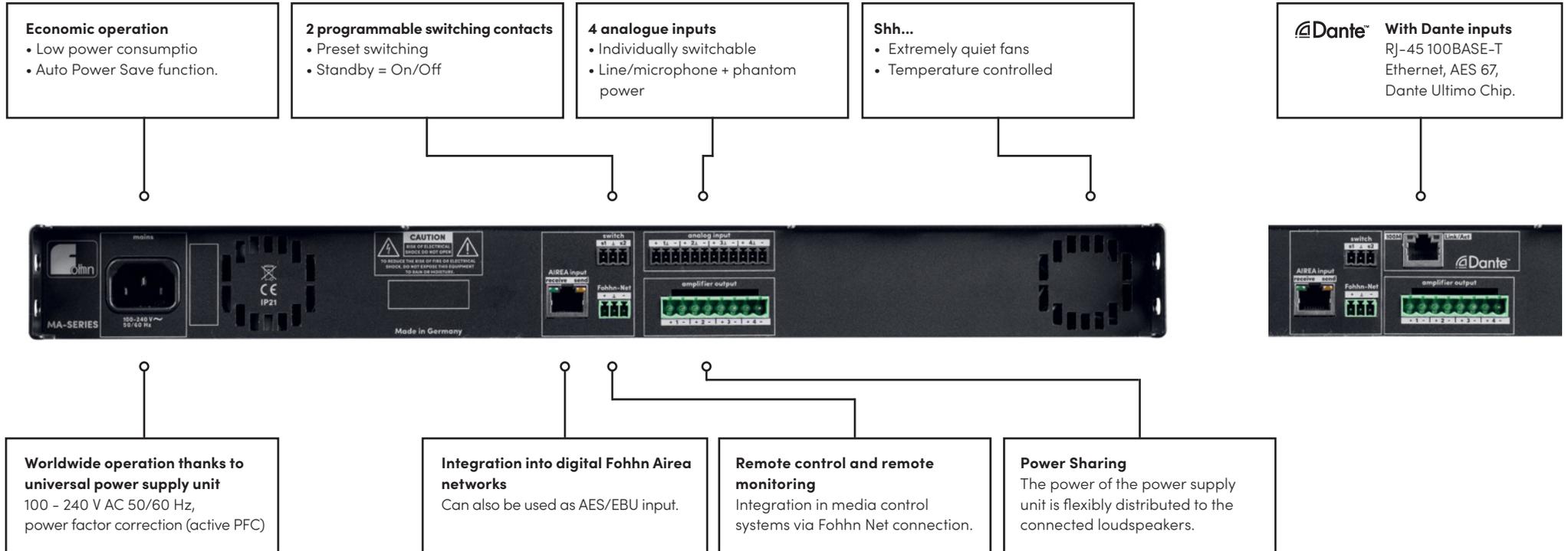
Coordinated



Customized speaker presets for Fohhn speakers.

Professional Fohhn technology.

In every detail.



Integration in media controls

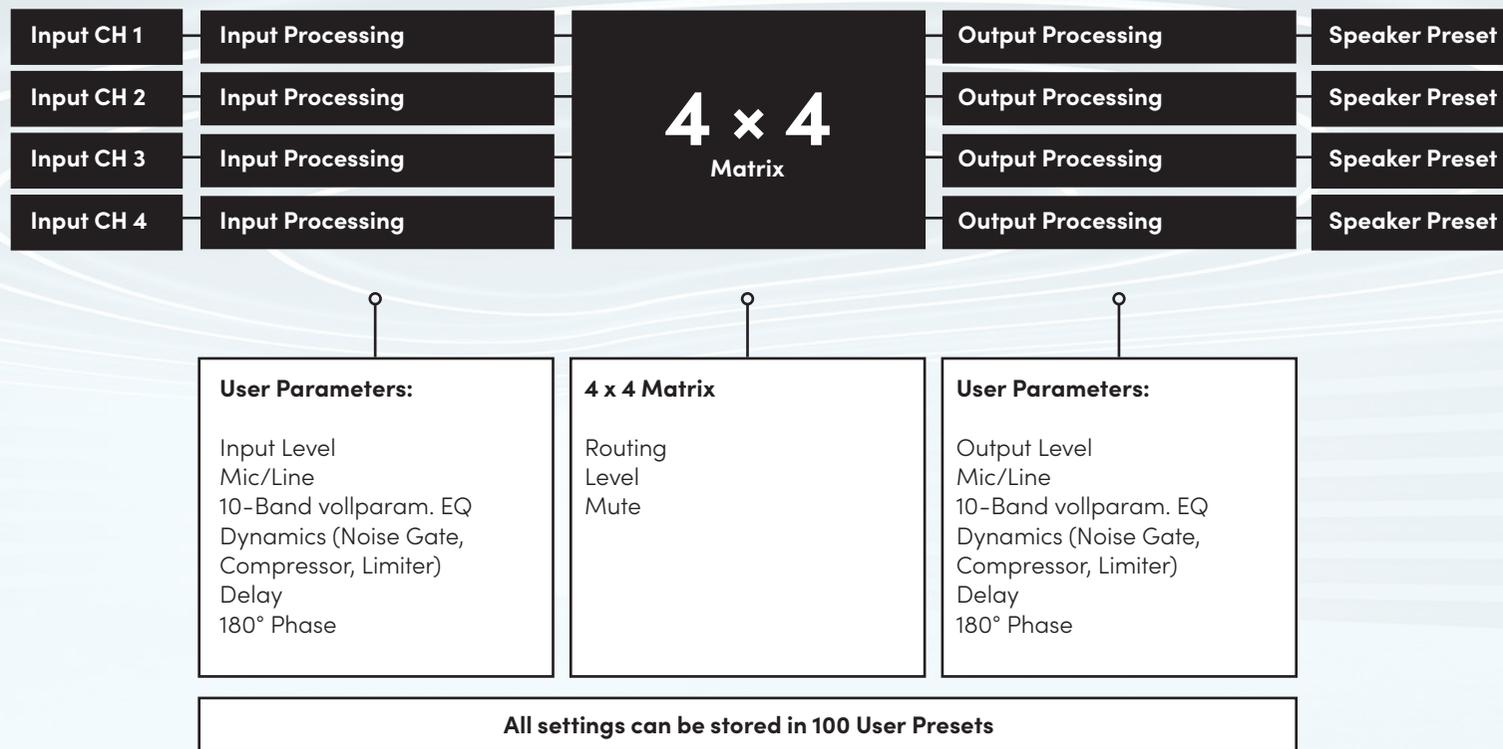
- via RS-485 (Fohhn Net)
- via RS-232 (requires Fohhn FR-21)
- via Ethernet (requires Fohhn NA-4)



A conscious decision.
Sustainable Fohhn technology – see page 12 of this brochure.

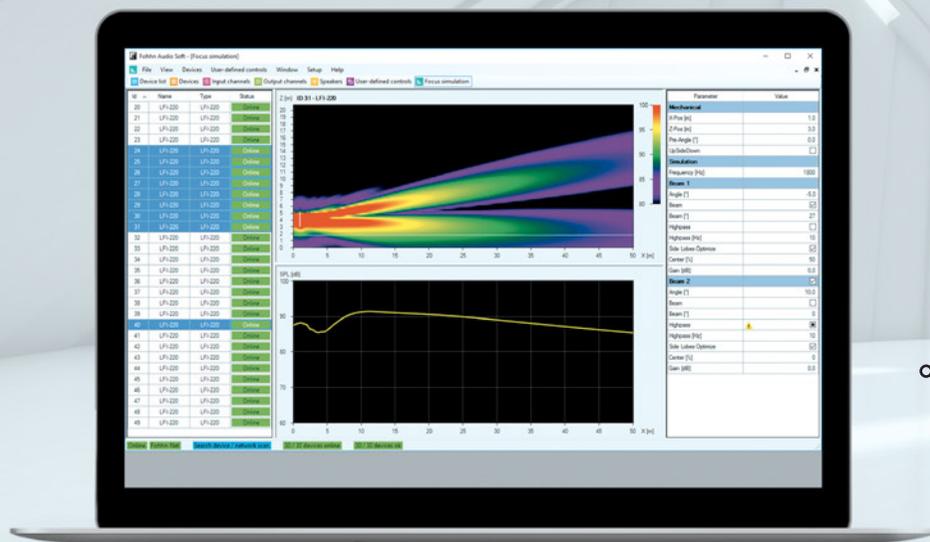
More than an amplifier.

All-rounder with matrix and DSP.



The integrated Fohhn DSP functions are easily controlled centrally via Fohhn Audio Soft. All tools can be applied to both input and output channels. You can easily save your settings and presets - with password protection if required.

One software for all devices. Fohhn Audio Soft.



For more than 15 years our self-developed Fohhn Audio Soft controls more than 200 Fohhn products. Displays and potentiometers on the amplifier are no longer necessary - configuration is easily done via Fohhn Net input or USB socket. **Download for free on www.fohnn.com**

A reliable system.
That's guaranteed.

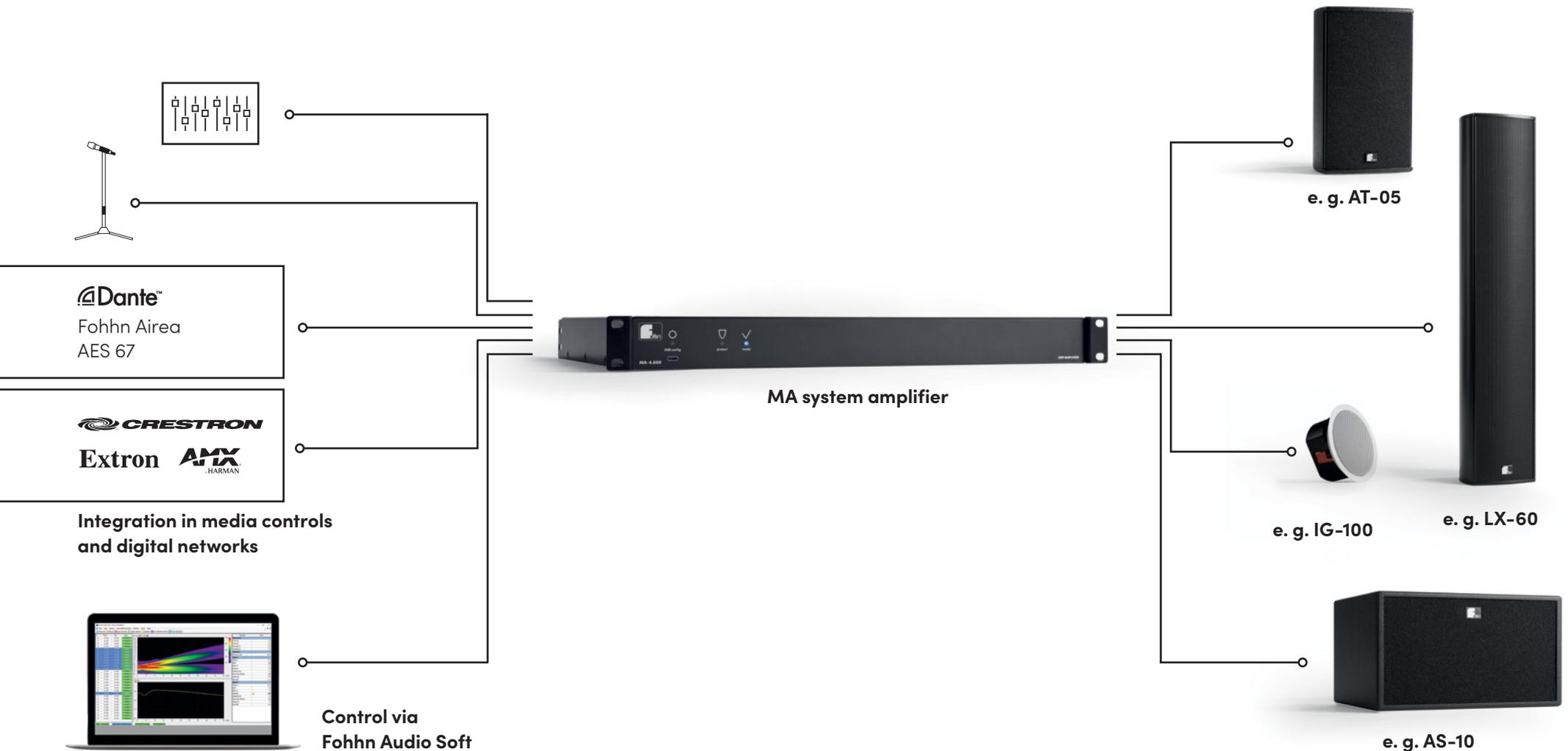


When using Fohhn speakers with Fohhn amplifiers you will receive a 5 year warranty on the entire system.

The motor of your installation.

Maximum flexibility for your Fohhn system.

Speakers, amplifiers, DSP and network technology as well as software - all developed and manufactured by Fohhn. All components of our audio systems are perfectly coordinated and can be flexibly combined thanks to Fohhn speaker presets. The result: best performance, simple operation and highest operational safety. This is our system solution from one source.



**Your entry to the Fohhn world:
The NA-4 network adapter.**



The NA-4 is a Fohhn Net Ethernet bridge for integrating Fohhn Net devices into local, Ethernet-based networks. A single NA-4 can suffice to control an entire amp rack.

You have wishes.

Our range of accessories leaves nothing to be desired.

We apply the same quality standards to our extensive range of accessories. Find everything you need for installation and network connection - whether RS-232, Ethernet or even Dante over fiber.

Mounting bracket set



Rack bracket for half 19" and 19" units with 1 U

Half 19" connector



Set of two brackets for the connection of two half 19" devices.

19" mounting bracket long



For a half 19" unit on 19" 1 U. With six D-standard holes.

NA-4



The NA-4 is a Fohhn Net Ethernet bridge for integrating Fohhn Net devices into a local Ethernet-based network.

ABX-6



The ABX-6 enables Dante to connect to Fohhn systems over long distances via optical fiber.

FR-21



The FR-21 allows Fohhn Net devices to be controlled using simple RS-232 commands.

Fohhn Responsibility.

We stand for sustainable technologies.



We see ourselves as responsible towards other people, towards our world and the environment and therefore also jointly responsible for our common future. This thought demands that we all act consistently on different levels.

The benefits of short distances

Since January 2020, our new company building in Nuertingen, Germany has united everything under one roof: research and development, assembly, logistics, administration, customer support and sales. This makes our internal processes very efficient and we have an overview of the entire value chain. But even before that, we made sure that all distances were short: wherever possible, we rely on regional suppliers and quality components from Europe.

High tech meets craftsmanship

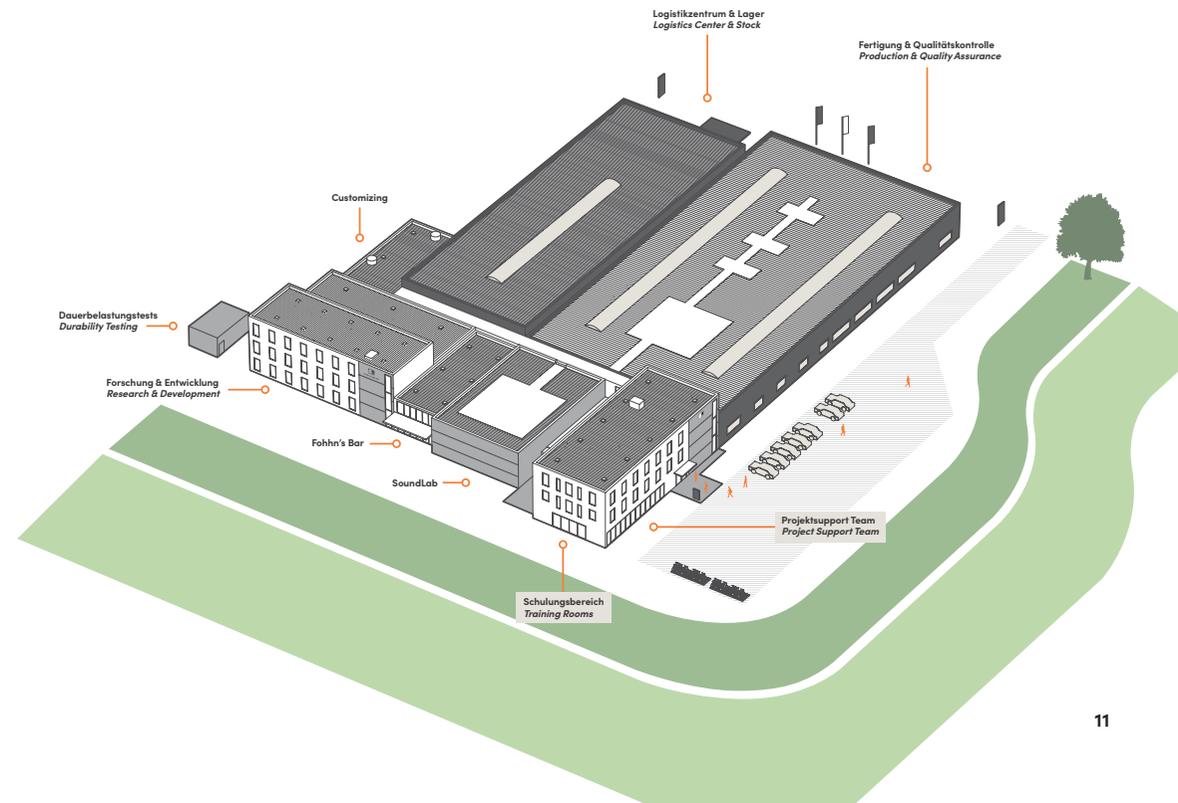
In our in-house research and development department, innovative ideas meet decades of experience. Here, all components are perfectly coordinated with one another to ensure that we develop high-performance, highly efficient and durable products. We manufacture our sound systems through a process of sophisticated manufacturing technology and skillful craftsmanship. At Fohhn, we insist on perfect sound. That said, the longevity and operational reliability of the products are of equal importance to us. For both cases, we make no concessions. We achieve this by incorporating high quality components and extensive quality controls in every step of the production process.

Our corporate culture: A rejection of throw-away mentality

We prove this quality standard with our 5-year guarantee. However, should something break, all Fohhn products can be repaired. In doing so, we are making a conscious statement against the throw-away mentality and the waste of resources. Whether it's power electronics, loudspeakers or crossover networks, our service department makes sure that a defective device does not have to be immediately thrown out. Since we use high quality wooden and aluminium enclosures, we can also repair mechanical damage. Updates have been available for all electronic Fohhn devices since the start of the digital audio device series production in 2004. New and older products can be operated using the latest software and can even be used together.

Economic in operation

Fohhn components are optimised for compactness and low heat generation, as well as being lightweight. This leads to low transport volumes, lower energy requirements, smaller installation rooms, and smaller cooling and power units. Fohhn Auto Power Save also ensures minimal consumption in standby mode.



The Fohhn Family. A sustainable community.



Behind our products are motivated people who identify with our company. They are the ones who use their skills, ideas and hard work to improve our products and our company. Every day, for 26 years. So it's no wonder that we see ourselves as a family. We are there for one another and can rely on each other.

Our customers also feel this close bond. A lot of them have been loyal to us for many years and are also part of our growing Fohhn family. That makes our employees and customers feel good. And - more importantly - it gives them security.

One amplifier concept.
Wide range of applications.



Bars & cafés



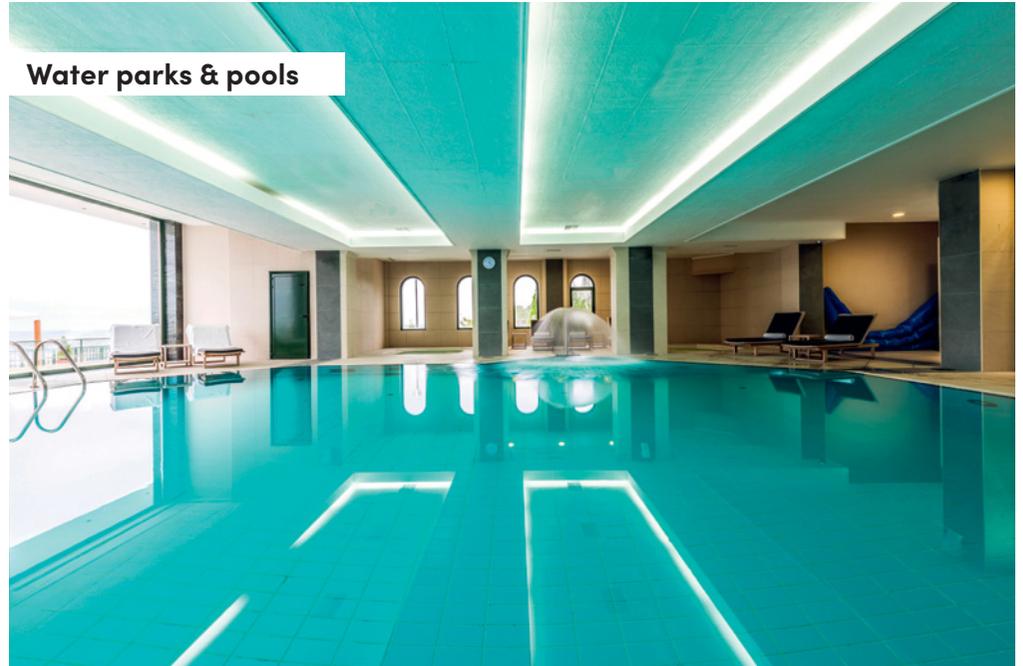
Gastronomy



Shops & boutiques



Water parks & pools



Conference rooms



Exhibition booths



Exhibitions & museums



Theatre & stage



Class rooms



Showrooms



Cruise liners



Shopping malls



Home sweet home.

Our conference room - our MA amplifier.



Only the best for Fohhn too. Only MA system amplifiers are used in all conference rooms at our company headquarters in Nürtingen.

For those who want to know exactly.

Technical data at a glance.

MA - 4.100

Output power	4 × 65 W / 4 ohms (1 kHz, THD+N < 1 %) 4 × 35 W / 8 ohms (1 kHz, THD+N < 1 %) 4 × 100 W / 4 ohms peak (10 s) 4 × 50 W / 8 ohms peak (10 s)
Minimum impedance	4 ohms
DSP routing (matrix)	4 × 4
Frequency response	20 Hz – 20 kHz
Signal/noise ratio	> 103 dB/A
Dynamic range	> 120 dB
Remote control	Fohhn Net over RS-485 / USB-C, Fohhn Audio Soft
Remote monitoring	Temperature, Protect, Signals, Power Supply, Fohhn Net, Fohhn Audio Soft
Switching contact	Load preset, Standby On/Off
Password protection	yes
Auto Power Save	adjustable from 1 s to 12 h, or never active
Power supply	100 – 240 V AC 50/60 Hz, universal power supply with Power Factor Correction (PFC)
Weight	1.2 kg
Dimensions	1 U / half 19", depth 170 mm
Switching contact 1 and 2	1 × Phoenix 3-pin
Fohhn Net / Control	1 × Phoenix 3-pin Fohhn Net 1 × USB-C Fohhn Net config
Input	1 × Phoenix 12-pin analog inputs or Dante, 1 × Airea input AES/EBU 32 kHz – 96 kHz, 16/24 bit
Output	1 × Phoenix 8-pin speaker output

MA - 4.600

Output power	4 × 600 W / 4 ohms / 70 V / 100 V 4 × 300 W / 8 ohms (1 kHz, THD+N < 1 %)
Minimum impedance	4 ohms
DSP routing (matrix)	4 × 4
Frequency response	20 Hz – 20 kHz
Signal/noise ratio	> 103 dB/A
Dynamic range	> 120 dB
Remote control	Fohhn Net over RS-485 / USB-C, Fohhn Audio Soft
Remote monitoring	Temperature, Protect, Signals, Power Supply, Fohhn Net, Fohhn Audio Soft
Switching contact	Load preset, Standby On/Off
Password protection	yes
Auto Power Save	adjustable from 1 s to 12 h, or never active
Power supply	100 – 240 V AC 50/60 Hz, universal power supply with Power Factor Correction (PFC)
Weight	5.2 kg
Dimensions	1 U / 19", depth 370 mm
Switching contact 1 and 2	1 × Phoenix 3-pin
Fohhn Net / Control	1 × Phoenix 3-pin Fohhn Net 1 × USB-C Fohhn Net config
Input	1 × Phoenix 12-pin analog inputs or Dante, 1 × Airea input AES/EBU 32 kHz – 96 kHz, 16/24 bit
Output	1 × Phoenix 8-pin speaker output

For those who want to know exactly.

Technical data at a glance.

MA - 2.1200

Output power	2 × 1200 W / 4 ohms / 70 V / 100 V 2 × 600 W / 8 ohms (1 kHz, THD+N < 1 %)
Minimum impedance	4 ohms
DSP routing (matrix)	4 × 2
Frequency response	20 Hz – 20 kHz
Signal/noise ratio	> 103 dB/A
Dynamic range	> 120 dB
Remote control	Fohhn Net over RS-485 / USB-C, Fohhn Audio Soft
Remote monitoring	Temperature, Protect, Signals, Power Supply, Fohhn Net, Fohhn Audio Soft
Switching contact	Load preset, Standby On/Off
Password protection	yes
Auto Power Save	adjustable from 1 s to 12 h, or never active
Power supply	100 – 240 V AC 50/60 Hz, universal power supply with Power Factor Correction (PFC)
Weight	5.2 kg
Dimensions	1 U / 19", depth 370 mm
Switching contact 1 and 2	1 × Phoenix 3-pin
Fohhn Net / Control	1 × Phoenix 3-pin Fohhn Net 1 × USB-C Fohhn Net config
Input	1 × Phoenix 12-pin analog inputs or Dante, 1 × Airea input AES/EBU 32 kHz – 96 kHz, 16/24 bit
Output	1 × Phoenix 4-pin speaker output

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