

The company
Tradition and innovation,
Modern Manufacture

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Telecommunication, IP network,
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SSS SIEDLE

siedle kompakt

The company
Outside
Inside
Interfaces

Siedle Scope
White high-gloss
paintwork finish





tradition and innovation

The Siedle enterprise, or to put it completely and correctly: S. Siedle & Söhne Telefon- und Telegrafengeräte OHG, has been a family-run business for seven generations. We produce everything that serves the purposes of communication in and around the building – this we have been doing for more than 250 years and from the same premises, in uncompromising quality and prize-winning design.

The Siedle story began in the middle of the 18th century, when Mathäus Siedle founded bells for the clock making industry on his Black Forest farm. 120 years later, his great

grandson Salomon Siedle expanded the foundry with a second field of business, namely communications technology. In 1887, Siedle manufactured its first telephones and quickly developed into one of the great pioneer enterprises of telephony in Germany. Since the 1930s the company has specialized in in-house and door telephony, and in 1935 it brought "Portavox", the first door loudspeaker, onto the market. Since then, Siedle has concentrated all its efforts on further perfecting the intercom. Seventy years after Portavox, communication at entranceways has reached an astonishing level of

More about this topic at www.siedle.com/company

sophistication. It has developed into a system that can do much more than simply talking to the visitor and opening the door.

Our aim has stayed the same since the time of Portavox: to develop communication systems that meet the highest demands. Ultimately, each visitor speaks to the building that he wishes to enter; he hears it and is seen by it; he touches it in order to make contact and he allows himself to be guided by it from the property boundary to his destination inside. Our systems create an important interface between man and architecture. We have therefore not just stopped at the doorstep. Nowadays, Siedle deals with the threshold, the junction between inside and outside. After all, according to Gabriele Siedle, the first female managing director in the company's 260-year history: "The threshold is the point that simultaneously separates and joins things, that's what makes it so intriguing. Whether it welcomes or turns away is dependent on who reveals their identity. This paints a good picture of what Siedle does at entranceways."

At the threshold

This is why we have been promoting the examination of the topic and have, for example, initiated symposia together with the ETH Zurich. Cultural researchers, philosophers, sociologists, architecture historians and artists have been taking an interdisciplinary approach to dealing with the architectural, technical and social design of junctions. It is about aspects of opening and closing and threshold media, but it is also a question of safety, privacy and communication. Last, but not least, it is about the important function of representation and the appropriate reception.

made in furtwangen



Modern Manufacture

Of course, we make use of machinery, automated systems and manufacturing robots. Otherwise, competitive production in Germany would not be possible. Nevertheless, as was the case in the times of the bell foundry, even today it is still the skills and diligence of experienced, qualified employees that ensure top-quality products. This is most obvious in the high-end system Siedle Steel. The most up-to-date technology is used here – a high-power laser, for example, which is controlled directly from the CAD program. And yet no other product of ours has benefited so much from human craftsmanship. By combining the latest high-tech manufacturing machines with the virtues of traditional handcrafting, unique pieces are created with unequalled precision and processing quality.

Siedle develops and produces exclusively in Furtwangen in the Black Forest. Here, at the site of our origins, we can be sure of reaching that level of quality that distinguishes a Siedle product. Here, we can retain as many processing phases as possible under our own control. More than 80 percent of added value is achieved within Siedle's own premises – this contributes to quality assurance, but also ensures job security for its highly-qualified employees.

Quality and durability

Before a Siedle product is brought onto the market, it must first undergo a rigorous durability test. In realistic simulations, it

has stood up to tropical and Siberian temperatures, salty sea air, beatings with a hammer, water baths, UV radiation and relentless use. Siedle products prove their reliability under extreme conditions. Whether buttons, housings or seals – each component is categorically mistreated before it goes into series production. We set stringent requisites in terms of functional safety, reliability and longevity – Siedle specifications nearly always exceed even legal regulations. And yet, if anything should in fact break: new generations of units are compatible with their predecessors and spare parts are still available for systems that are decades old.



Steel production: Modern Manufacture combines high-tech production with the virtues of traditional handcrafting.

More about this topic at www.siedle.com/company



“Siedle is where
my home starts.”

outside

Siedle Steel
Siedle Vario
Siedle Select
Siedle Classic



Siedle Steel door station
with video camera, intercom system and call
button; solid brushed stainless steel

high-end siedle steel

The Siedle Steel communication system was developed as a means of realizing our customers' wishes, plans and ideas. To this end, Siedle developed a special manufacturing process which combines the individuality of one-off production with the processing quality of serial production. In this Modern Manufacture, every Steel system is configured and constructed in line with customer specifications – as a one-off unit, but to an exemplary standard of precision only achievable with industrial production.

Maximum freedom

of application is one of two design objectives targeted with Siedle Steel: the customer decides the functions and appearance of their system. The other is the achievement of perfection: an objective which admits no compromises. In terms of technology: functional excellence is a non-negotiable requirement. In terms of material: all the fronts are made completely of solid metal and to an exemplary standard of workmanship. The design has no visible means of fixture; flat surfaces, linear clarity and precise edges highlight the aesthetic merit of the material.

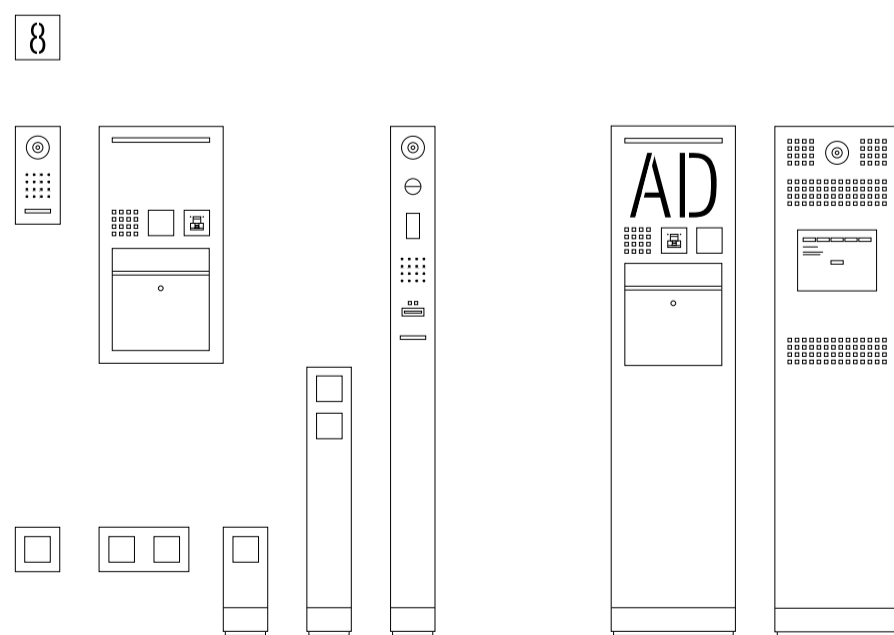
The design quality

of Siedle Steel rests on a solid foundation of consistency and authenticity. The design and the functional scope it offers are second to none. Steel systems are among those rare commodities which define the peak of what is feasible in their own particular field. Nevertheless, the greatest possible degree of freedom and perfection are ideals which recede further into the distance, the closer we approach. Siedle Steel is an open system – not just for its users, but for its creators, too. We are working on it.

More about this topic at www.siedle.com/steel



Traditional material in harmony with the clear-cut elegance of Steel's aesthetic appearance: door station in burnished brass, equipped with LED surface area light, intercom system, large-area button and letterbox. The lettering is laser-etched into the solid material.



Tailor-made: every Steel system is planned, configured and manufactured to the customer's wishes, on the basis of a geometrical design grid.

design freedom

The appearance of the perfect door station can vary greatly depending on personal style preferences, individual requirements and structural circumstances. Consequently, Siedle Steel does not prescribe any specific design, but rather a blueprint for individual configuration: a range of function modules, a clearly defined Steel look and a 14 millimetre grid. The final configuration is determined by the user.

In itself, the arrangement of functional elements provides endless possibilities for the user to design their threshold. Is the system to be set up to the right or left of the door? Does it require an electronic or biometric access control system? Video monitoring, letterbox or building number? With spotlights or surface area lighting? We come up with the options – the decision rests with you.

More about this topic at www.siedle.com/steel/freedom



A door station with letterbox – and any number of design opportunities from the selection and arrangement of the functional elements.

variety in metal



More about this topic at www.siedle.com/steel/material

One of the prerequisites for Siedle Steel's many design variants is that it is of twin-level construction. Only the mounting level is screwed onto the background material, with no visible sign of how the outer control level is secured. There is nothing to disturb the material aesthetics of the flat surfaces. There are six standard material and surface variants available in solid metal. We also enhance these design options with the interplay between the two levels. Where the mounting level is visible – at the edges and through the precisely laser-worked cut-outs in the front panel – the colours, structures and surface finishes of the two levels can be the same, complement or contrast one another.

siedle vario the classic system



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Also in a variety of colours: apart from the six standard colours shown, Siedle Vario can come individually painted in any colour desired.

Today, the building threshold requires more than simply an intercom system and a bell. From lighting to access control, the entrance area imposes many demands on a communication system. The classic Siedle Vario system fulfils all of these offering unique variety from a standardized design.

Multi-talent
Siedle Vario covers just about every conceivable requirement when it comes to entranceway communication. In the wall, on the wall or free-standing,

six standard colours and an unlimited choice of non-standard shades, with letterbox, lighting, video monitoring or access control: Siedle Vario integrates whatever functions are possible in the entrance area within a single standardized framework.

Design icon
The multiple prize-winning system design ensures that every combination addresses the most stringent design aspirations. Siedle Vario is the epitome of good modular-structured door communication technology. The

system has received multiple design awards – and served as a model for a whole product category.

The Vario principle
is as ingenious as it is simple: it is based on functional modules and a design grid. Within the grid, the modules can be arranged in any combination. The result is always a neatly arranged, aesthetically pleasing communication system. Everything is in perfect alignment and the proportions are right – even when large information plates or letterboxes are integrated.

More about this topic at www.siedle.com/vario



Expansion and upgrading: as a free-standing pedestal, Vario can also hold information plates, lighting and letterbox. When equipped with LED light modules only, it functions as an ultra-flat path light.

More about this topic at www.siedle.com/vario/versality



Standardized: the use of LED light modules creates energy-optimized environmental lighting – and perfectly complements the Vario door station.

modernization

Many first-generation Vario systems (511 Series) have had to stand up to many years of use in demanding conditions. And when new technologies are to be put into use, for example a connection with the public network telephone, in many cases they have to be replaced. Siedle has made

provision for such cases: with the use of special adapters the old systems can now be simply replaced with the current successor, the 611 Series. This means that the concealed housing remains in place in the wall, with no need for laborious masonry or chasing works. In many cases it is also

possible to continue to use the existing wiring and other components, depending on the installation system and the desired range of functions. Your local Siedle partner will provide you with competent advice. Recommended companies are listed on the Internet at www.siedle.com.



More about this topic at www.siedle.com/modernization/vario

siedle select linear clarity



Siedle Select is the new product family for the single-family dwelling. Its linear clarity is based on only six components, meeting the requirements of small private homes. Letterbox, newspaper tube, lighting, movement sensor, illuminated house number, intercom, bell – Select concentrates the main functions in a uniform,

modern design language. Its high-quality mix of materials – translucent plastic housing and solid aluminium panelling – coupled with vast colouring design freedom ensure that Select makes an impressive statement at the entrance – irrespective of whether the components are used in combination or individually.

Variety of colours

Siedle Select is available as standard in anodized or white powder-coated aluminium – as well as in a silk matt paintwork finish in any RAL colour desired.



More about this topic at www.siedle.com/select



Intelligent details

The cushioned letter flap stays closed, even in a strong wind. A water-deflecting profile keeps your newspaper dry once it is delivered.



Uniform – in any combination

The combination possibilities of the Select components are every bit as variable as their design language is uniform. The communication technology can be integrated in the letterbox

or installed as a separate door station. The LED light is also ideal for fitting a house number. And with its simple surface-mounting system, the shell of the building is always left intact – an important point, especially for energy-efficient buildings.

siedle classic archetype



Specially developed to replace TL 111 Series door stations: a variant of the current Siedle Classic product line.



Video door station in high-gloss black paintwork finish.

Siedle Classic is the contemporary interpretation of the classic door station. Like its ancestor Portavox, the very first door station, it is made up of a metal front panel with buttons and loud-speaker grill – but in terms of its design, technology, material and workmanship, Siedle Classic brings you the very latest and best that modern engineering can offer. With its traditional distinctive design language, Siedle Classic concentrates on the essential functions in the entrance area: calling, speech, vision and door release. Just as classical is its concealed-mounting concept which together with its front-fastening concept ensures a sleek, low-profile look. Its concentration on

the essentials makes Classic the ideal choice for those who attach importance to the solidity and intrinsic value of solid metal, but who require neither the extreme design freedom afforded by Siedle Steel nor the functional diversity of Siedle Vario.

Individual

Siedle Classic is available in the same wide variety of materials as our high-end Steel system: you can choose from brushed stainless steel, anodized aluminium, an attractive brass-look finish and burnished brass, or paintwork finish in any RAL or mica-ceous iron ore colour.

More about this topic at www.siedle.com/classic

Modernization

The TL 111 Series door loudspeakers have been manufactured in their millions since the 1960s. If it is now time for modernization, you should only do away with what absolutely has to be replaced. For this, we have developed a variant of the current Siedle Classic product line, whose front panel screw hole pattern is exactly matched to the existing screw holes. The integrated housing, installed cables, network appliances and indoor stations are all retained. This makes replacement child's play – and laborious masonry work superfluous.

inside

Siedle Scope
Siedle indoor stations

Siedle Scope
Brushed stainless steel



siedle scope

On the one hand, a cordless landline telephone

On the other hand, a mobile video call station



One for all

Siedle Scope is a video call station and a landline telephone in one device. And it's cordless. That means that wherever you are, whether in the kitchen, the bathroom, the garden or the cellar... Scope gives you a live update of who is standing at the door. Scope thus offers all the functions of a video indoor station, including a hands-free function and a door release button. At the same time, Scope is a fully-fledged landline telephone with excellent voice quality and countless Comfort functions. One for all. New freedom.

Scope, the mobile video call station

- Large colour display
- Video monitoring with zoom and swivel function
- Hands-free function
- In-house function control, such as lighting, garage door or blinds
- Can be extended: up to 8

handsets can be used in parallel

Scope, the cordless landline telephone

- High range and excellent voice quality thanks to the DECT™ standard
- Compatible with telephones from other

manufacturers using the GAP profile

- Hands-free function
- Ergonomically optimized design and user guidance
- ECO mode with reduced transmission power
- Telephone book, call log and numerous other telephone functions



Design variants

A solid metal cover panel in six variants defines the individual appearance: stainless steel, aluminium, high-gloss white, high-gloss black, chrome and gold.

More about this topic at www.siedle.com/scope

siedle indoor stations



© Architecture: Frank-Architekten, Winnenden/Photography: Zoëy Braun/arturimages



Siedle indoor stations are every bit as varied as their counterparts at the door. They come with a receiver or as a hands-free telephone, for wall mounting or set-up on a table, as the standard model or with Comfort functions and with or without video. What they all share is their ease of use. Their

clean design lines, non-slip, easy-on-the-hand materials, clearly identifiable symbols, signalling LEDs and – last but not least – our refusal to get involved in exaggerated minimization – many such details contribute towards making them safe to handle. But a call station is more than just communication

technology. It is also part of the building's equipment. As such, Siedle indoor stations can do more than simply establish a connection with the door. They flatter one's sense of good design, embody the pleasure taken in beautiful objects and display personal style and taste.



More about this topic at www.siedle.com/indoors

siedle individual



The design concept of the indoor stations combines a plastic housing body with individual panelling on the front and back in genuine stainless steel, aluminium or precious wood veneer.

There are twelve standard materials and colours for the cover panels; and the housing body with the receiver is available in black or translucent.

So from the combination of both elements you have countless opportunities to design the indoor station in line with your own individual wishes.

If this wide range of series finishes is still not enough, we will provide the cover panel painted in any colour from the RAL range that you wish. We can also add engravings and stamp on logos. We will check out any wish to see if it is viable and will come back to you with a specific offer.

More about this topic at www.siedle.com/indoors/material

interfaces

Telecommunication
IP network
TV and video
Intelligent living

modernization

For many decades, what was termed the 6+n system represented the state-of-the-art in door communication technology. Intercom units of this type were installed in their millions. But now many have been in service for so many years that they have to be replaced.

In many cases, however, it is only individual appliances which are faulty or have become unsightly, especially inside. To cater for such cases we offer a special replacement telephone, the HTA 811 model. In its design and function it corresponds to the standard

in-house telephone, but it can also be seamlessly integrated into an existing 6+n system. Its great advantage is that in the case of a fault, it is only the affected call station which has to be replaced. The wiring, door station, network components – everything still functioning can remain in use.

The HTA 811 offers all of the advantages of sound modern design: contemporary design language, simplicity of installation, ease of handling and enormous variety of design.

It is available in the same material and colour variants as all Siedle indoor stations.



Simple to replace: the HTA 811 upgrade model replaces several generations of old Siedle in-house telephones.

More about this topic at www.siedle.com/modernization/telephone



The entrance as a television programme: an interface displays the picture from the door camera on the TV screen.

ip network



Siedle DoorCom-IP: connecting the door and the PC

Or just imagine: the door station is connected to your IP network. The call, speech and video signals from the door are fed into the network and picked up by a software client. The PC then takes over all of the tasks of an indoor station – including video presentation, door release, switching functions and status messages.

There is no longer any need for additional in-house telephones – although they can be added at any time – as DoorCom-IP, the interface between the data network and communica-

tions system, is flexible and scalable. So, for example, in a building serving a variety of purposes, an office can handle the door communication system entirely from its PCs, while the apartments used as living accommodation still make use of the traditional in-house telephone.

More about this topic at www.siedle.com/ip

telecommu- nication

Imagine the situation: a visitor rings the doorbell and the telephone connected to the public network rings inside. Instead of running to the intercom system, you reply from wherever you are at the moment: on the terrace, in the garden, in the workroom, in the basement... And when you are out and about you respond to the call at

your door via your mobile phone. Whether as a fixed line, cordless or mobile – with the Siedle DoorCom interface the telephone becomes a call station for the door intercom. Nor does this restrict you in your choice of door station, as DoorCom works with all Siedle product series (with the sole exception of the Compact Sets).

More about this topic at www.siedle.com/telephone



Siedle DoorCom: connecting the door and the telephone

tv and video

If you don't want to be disturbed by the doorbell when you're watching TV, you can just relax without moving from your seat. Siedle now feeds the image from the door camera into the TV set. As soon as anyone rings the doorbell, the image appears on the screen; either as a full-screen image or an insert in the current programme (PIP), depending on the specific television set. The speech and door release function is handled either by the indoor station in the intercom system or a public network telephone connected via the DoorCom interface.

It is technically possible to feed the signal into the television through a special interface, the bus video demodulator (BVD). This is installed in the control cabinet where it decouples the video signal from the Siedle system's data stream. The bus video demodulator delivers a neutral signal in the FBAS format used by many video systems. As such, inputting in the form of a TV programme is one possible application, but not the only one. It is also possible for the images from the Siedle cameras to be fed into CCTV systems and video monitors of all kinds.



More about this topic at www.siedle.com/bvd

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intelligent living



The connection to the lifestyle of the future: operating panels assume the functions of the indoor station for the communication system (pictured: displays from Crestron and AMX).

Siedle provides intelligently networked buildings with the appropriate building communication systems. A special interface permits the exchange of communication and control signals with the building's automation and entertainment systems from leading manufacturers. In the process, their visualization and operating displays function as the indoor station for the door and building commu-

nication system. They pass on the sound of the bell, carry speech and the video image, release the door and also fulfil switching functions.

With the wide range of its functions and the variety of its designs, Siedle is making its contribution to the lifestyle of the future: from calling, seeing and speaking to lighting and receiving mail,

More about this topic at www.siedle.com/smarthome

and through to biometric access control. Along with this go a pleasing aesthetic appearance in prize-winning designs, tried-and-tested technology and the quality, guaranteed functionality and operating reliability of the market leader. After all, the way into the perfect lifestyle is not based on compromises at the threshold.

compact sets entry level



More about this topic at www.siedle.com/sets

The Compact Sets represent the first step into Siedle class – and the most direct route to an intercom system. They include all of the necessary elements, from the door station through to the mains power supply. They are beautifully easy to install, with

the indoor and door stations being simply screwed onto the wall. The Audio Set fulfils the basic functions of calling, speaking and door release. It offers all of the features which define Siedle: high-quality materials and manufacture, perfect functionality

and contemporary design, together with an excellent price-performance ratio. Bring video to your doorway! The Video Set makes it easy for you with its highly-developed, reliable technology and ease of use. Every time the doorbell rings or the system is manually acti-

vated, the image from the door camera appears on the colour monitor – even in the dark, thanks to the integrated lighting. With our Compact Sets coping well with lines of the most basic quality, they are ideally suited as replacements for your old doorbell system.

Your Siedle partner will provide you with competent advice:

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“siedle kompakt” provides an overview of the world of Siedle systems. You can find out more about the company, the products and contemporary communication at the threshold from your Siedle partner, at your nearest Siedle centre or on the Siedle website.

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