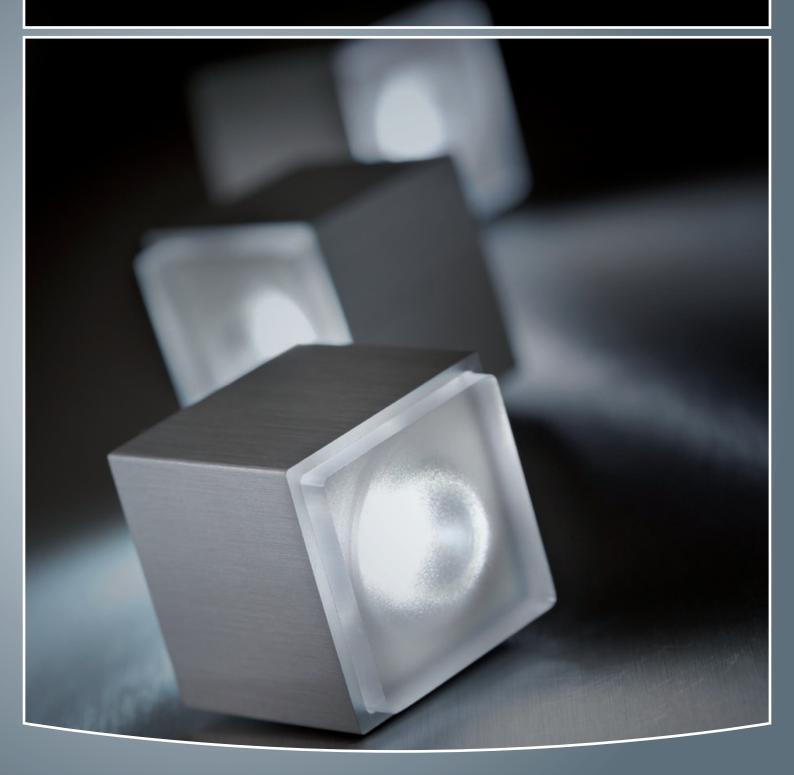
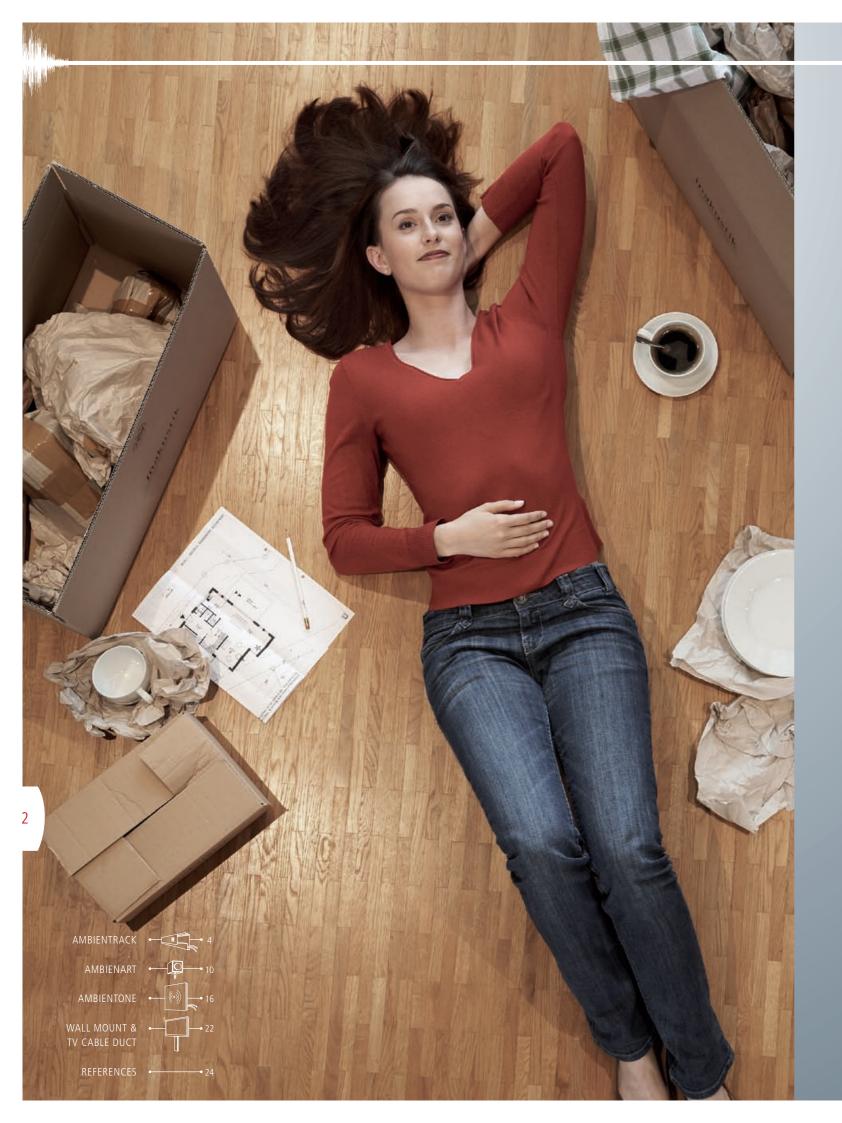
A M B I E N T E C H





KABEL | LAUTSPRECHER | MUSIK



THE SPATIAL CONCEPT FROM IN-AKUSTIK

AmbienTech gets more out of buildings, houses and rooms where people live, work, eat and shop. It is a spatial concept that is ideal for private homes and commercial use. It offers new dimensions for interior design. You can look forward to more style, flair and personal space.









There is more than meets the eye – more style! Combining flexibility with design this cable conduit system ensures that switches and sockets are exactly where you need them.

The unlimited facets of light open up brand new opportunities for interior design. It requires only few technical components, which you can combine in any way you want.

The sound coming from the walls: these flat-membrane loud-speakers can be invisibly slotted into walls and ceilings. Large box-loudspeakers are no longer necessary.

The TV wall mount and TV cable duct allow you to perfectly integrate your plasma or LCD flat-screen TV into the room. They can be fitted directly onto the wall and are compatible with AmbienTrack.

3

AMBIENTRACK - PRETTY FLEXIBLE

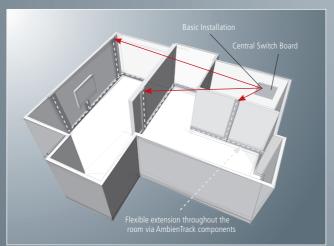


For who knows while their house is being built, where plugs, switches and connections will be needed once everything is finished? When the kids grow up and their bedrooms become home offices, when people get older and want automatic shutters or when multimedia enthusiasts suddenly want a new HiFi system, conventional flush-mounted instal-lation requires the walls to be opened up for new wiring to be painstakingly re-laid. Even relatively minor changes, such as the re-positioning of a plug socket can turn out very expensive.

The long-term thinking homeowner decides on the elegant cable con-duits of AmbienTrack right from the beginning. AmbienTrack combines the flexibility of conventional cable conduits with the aesthetics of a design object.

First and foremost AmbienTrack enables you to furnish the building with a simple, universal planning concept for all future requirements, without having to know at the time of installation, what these require-ments might be. A basic installation consisting of one power and two to three data lines is carried out by the distributor. These data lines are fitted into the ceiling, floor and walls of the concerned rooms

They have been doing the rounds in offices and administrative buildings for years: cable ducts – for the flex-ible installation of power and data lines. In private residences, however, flush-mounted installations still dominate. Although conventional cable ducts are flexible, if not aes-thetically pleasing, flush-mounted installation is highly inflexible and is expensive in the long-run. where they are finally connected to the wall or corner pillars. AmbienTrack ensures flexible extension of wiring within rooms. The cable ducts, made from elegant aluminium, provide sufficien room for installing switches, sensors, plug sockets, telephone and computer connections, electrical appliances, AmbienArt lighting co ponents and even loudspeakers. Anyone wishing to carry out chang at a later date need only remove the cover, insert the new compone and change a few panels – no jackhammers or clouds of dust required! What's more: AmbienTrack is also suitable for renovating old house The cable ducts, made from elegant aluminium, provide sufficient room for installing switches, sensors, plug sockets, telephone and computer connections, electrical appliances, AmbienArt lighting com-ponents and even loudspeakers. Anyone wishing to carry out changes at a later date need only remove the cover, insert the new component and change a few panels – no jackhammers or clouds of dust







THE RESULTS ARE PLAIN TO SEE



thinker opts for AmbienTrack from the start.

- 1. Wall light
- 2. Extra plug sockets

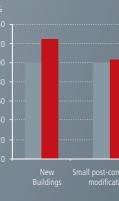
Base wiring

Flexible extension throughout the room via AmbienTrack components

- 3. Movement sensor
- 4. Extra sensor
- 5. Flat TV on wall
- 6. Guidance light

carried out as time goes on and the more connections and new plug sockets installed, the more money you save with AmbienTrack.

The comparison shows: AmbienTrack pays off!

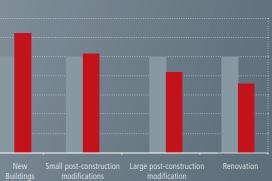


AMBIENTRACK



Called ducts made from aluminium?
How much does that cost? Not as
much as a simple comparison would
lead you to believe. The initial ins-
tallation of AmbienTrack may well
cost more when compared to a
conventional installation in certain
citcumstances. However small modi-
fications soon compensate for this
difference. Initial costs are quickly
made up for when laying new wiresor when retrofitting or re-positioning plug sockets. When the time
comes to make new and bigger changes, like introducing a new flat-
screen TV, extra switches or wall lamps, AmbienTrack is not only
quicker and easier to reconfigure, but also up to 30% cheaper than
conventional flush-mounted installation. The same is true when reno-
vating electrical installations in old buildings. In short: the long-term
thinker opts for AmbienTrack from the start.

And another thing: for anyone wishing to equip their home with intel-And another thing: for anyone wishing to equip their nome with intel-ligent building automation technology – with AmbienTrack many con-trol components can be built into the AmbienTrack ducts and can therefore be remotely spread out throughout the building. The total cabling requirements are thus reduced, as the switch groups are always near the switch board. There are no long wiring sections, no piles of wires around the switch board – you have everything at your disposal and have access to the entire control electronics via AmbienTrack. It doesn't get any easier than this.





flush-mounted installation (100%)



THERE IS MORE THAN MEETS THE EYE. MORE STYLE.

that can either be fitted on to the wall or in flush with the surface. and new cables, switches and plug sockets can be placed and fitted With these elegant wall and corner pillars along with skirting boards with great ease. and channels, power and data lines can be flexibly and yet invisibly installed in every room. The connection to the basic installation is Thanks to their characteristic geometrical shape, the elegant profiles achieved via a wall pillar. All further installation components such as create a shadow gap when fitted onto the wall. This gives the plug sockets, switches, service materials, sensors, mains supply circuits, impression of floating. That's not all however. The AmbienTrack proswitch board boxes and control electronics can be built into the files can be backlit using mono or multicoloured RGB LED bands. AmbienTrack cable guidance system according to your individual This however brings us to our next chapter – AmbienArt and the wants and needs. Access to the installation remains assured at all

AmbienTrack consists of a multitude of different aluminium profiles times. Should changes be required, the panels can simply be removed

unlimited facets of light.







THE SYSTEM AND ITS COMPONENTS

AmbienTrack is available in two standard models – with an aluminium or stainless steel look. It is an extensive product range consisting of numerous, inter-compatible individual components which can answer to almost all installation demands. Upon demand, we produce directly imprinted surfaces along with surfaces in different colours, individual profile lengths, special panel perforations or complete, ready-to-plug, pre-assembled tool-boxes.

AmbienTrack places no limits on the creativity of builders, tradesmen, planers and architects.

.

...





WALL PILLAR

WALL PILLARIOUL BOXThe AmbienTrack wall pillars provide the cornerstone for flexibly installing AmbienTrack. Here the
transition is made from the initial installation of
the main switch board to flexible wiring extensions
in the individual rooms. The electronics are fitted
according to the owners' wishes. The wall pillar can
be fitted either half way up the wall, at ceiling height,
on the wall surface or in flush with the surface.IDUL BOX
Installation components such as switches, plug
sockets, multimedia connections, sensors or control
elements can be built into the AmbienTrack tool
box according to customer wishes, whether it be in
the wall or corner pillars or skirting board channel.
As well as that, the tool box can also be used as
a switch board or branching box as indeed for the
fitting of electronic components. There are five
different tool box combinations available.



TOOL BOX



SKIRTING BOARD



wiring and is usually fitted onto the surface. It is more filigree than the flat wall pillar. E.g.: it can be used to guide cables to the LCD on the wall.

WALL PILLAR – SMALL



DEVICE SUPPORT

The Ambientrack device support is fitted to the skirting board and enables the user to flexibly position plug sockets and multimedia connections. They can also be upgraded after installation. The AmbienTrack LED wall illumination lamp is a special feature that can be built into the AmbienTrack device support.

1. ALUMINIUM LOOK:





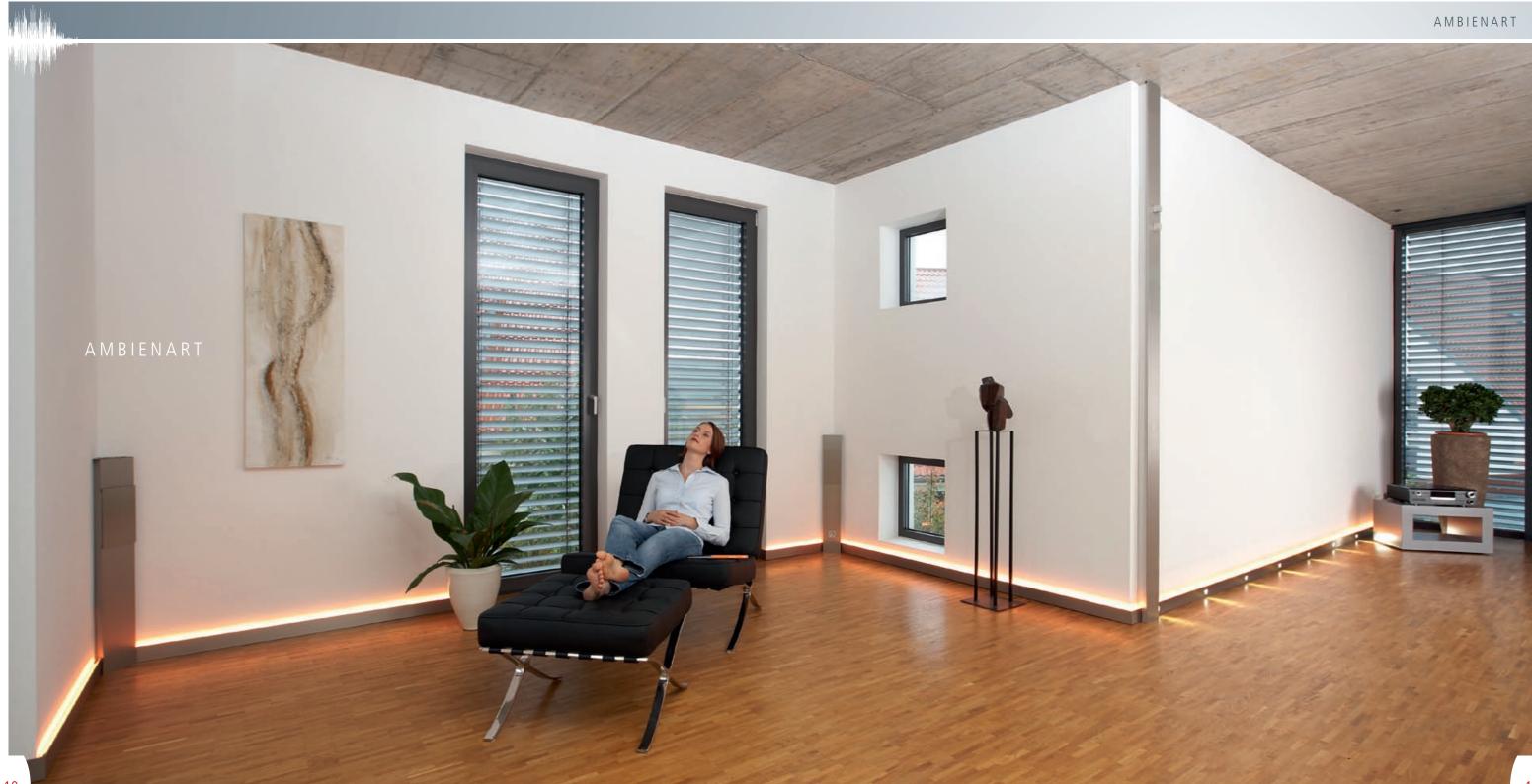


The AmbienTrack skirting board replaces the conventional one. It aids ground wiring inside the room and the connection of AmbienTrack wall and corner pillars and with the device support. It can be either be fitted onto the wall or in flush with the surface.



INSTALLATION AND EVERYTHING ELSE YOU NEED

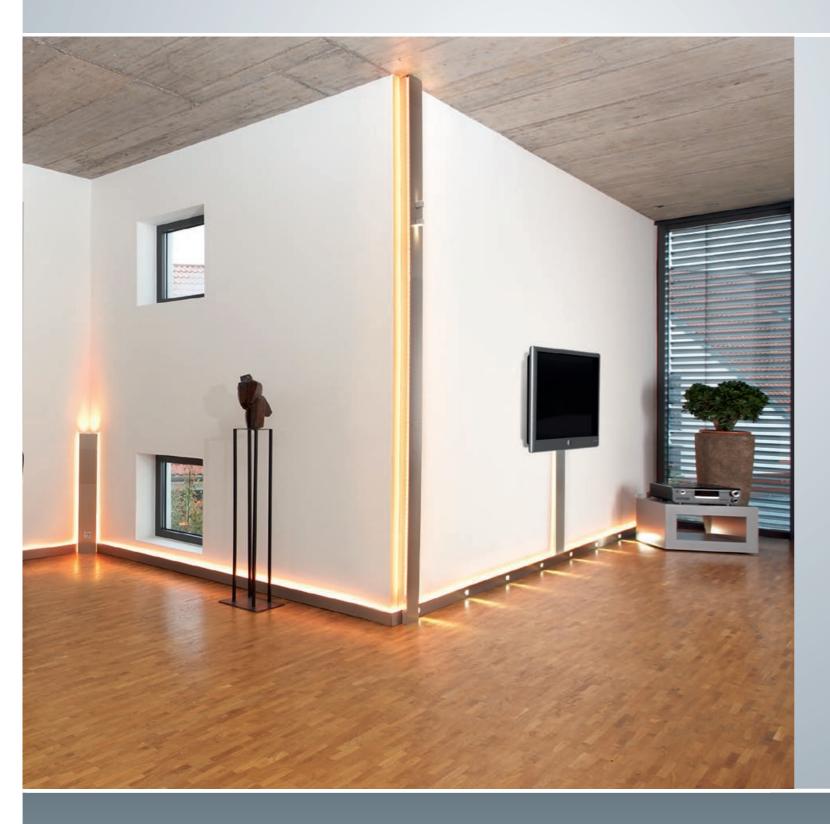
spectrum of fixed multimedia installations. This product range consists of, amongst other things, panel jacks and built-in panels for combining video and audio connections with well-known switch ranges or with the AmbienTrack system.



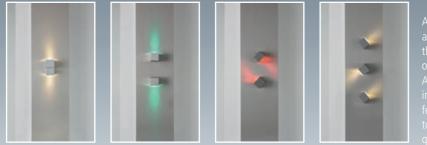
THE UNLIMITED FACETS OF LIGHT

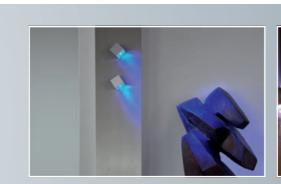
Light shapes our life. It influences our emotions. It enhances our mood. Colour temperatures affect our biological rhythm. The balance between dark and light can be both relaxing and calming. Whilst monotone or insufficient light can induce tiredness, an optimal level of lighting increases alertness and sharpens concentration. Yet, on top of all that, light is also an architectural styling tool that can be used for shaping modern living spaces, both in public and commercial buildings: at home, in museums, offices or shops – light can be used everywhere to enhance the architecture, especially with AmbienArt, the lighting system of the new AmbienTech program from in-akustik.

ing with the AmbienTrack components, reduced to a minimum. Their design is characterised by clear, rectangular geometrics. Transitions without changes in wall thickness and indiscreet jointing elements set AmbienArt apart from other systems.



THE WHOLE SPECTRUM OF LIGHT

















The monochrome and RGB versions of the AmbienArt LED wall lamp can also be fitted in flush into the end plates of the AmbienTrack wall and corner pillars and device supports. The light cone points towards the roof and creates a fascinating light reflection – which can be further enhanced with dynamic colour changes.

USING LIGHT TO CREATE A SCENE

With AmbienArt you can enjoy the completely new freedom of moving rooms and spatial impact into the right light, thus creating a living atmosphere which is equally as attractive as it is pleasant. Using the AmbienTrack cable ducts, the AmbienArt lighting components can be brought to the right place. This can always be carried out after installation.

With AmbienArt, every wall can be used as an projection screen for individually programmable lighting tricks, using pleasantly slow or excitingly fast colour changes – depending on whether you wish to enjoy a nice cosy, relaxing evening at home, or want to throw a party for your friends.

AmbienArt can also be used as guidance light or for creating a showroom in order to enhance the features of artistic or exposition objects. AmbienArt is as suitable for refurbished old buildings as it is for modern architecture. AmbienArt breathes new life into older buildings, just by adding minimal lighting components to the existing building structure.



LIGHT – AN ELEMENT OF STYLE

Light and shadow, bright and darkness – quality lighting concepts stand out through the lighting points that they target, thereby creating atmosphere and excitement. AmbienArt makes all this possible, simply by shifting sculptures, works of art, pictures, vases, or even nice corners into the right light.

INDIRECT GUIDANCE LIGHT

If direct light is too dazzling and everything else is too dark, AmbienArt provides for mood-enhancing, indirect light, using the most cutting-edge LED technology. What's more: with LED bands, AmbienArt not only guarantees the right atmosphere but also provides for better guidance in corridors and hallways.

DID YOU KNOW ...

... that LEDs generate up to 50 lumen per watt and are therefore approximately 5 times more powerful than 20 watt halogen lamps. ... that on average LEDs have 50,000 hour lifespan, i.e. they can shine for approximately 6 years non-stop and maintenance-free and without a bulb change.

D

0

... that LEDs are designed with excellent impact resistance and possess an almost unlimited switchability with their minimal size. ... that LEDs generate light that is free from IR and UV rays and do not give out heat emissions in the direction they are shining.



-

0.0



THE SOUND THAT COMES FROM THE WALL

Everyone knows that men like good sound, whereas women don't like speakers. AmbienTone however satisfies the needs of both. AmbienTone is a sound wall for her and for him – for women who are bothered by intrusive speakers lying around the house and men who do not wish to compromise on perfect technical and sound quality. AmbienTone is a flat-membrane loudspeaker that fills the room with sounds that seemingly come from nowhere. The ambiance isn't disturbed

AMBIENTONE









AmbienTone is a flat-membrane loudspeaker in a modified gypsum plaster board. It is installed in a dry-lined wall. The mounting can be completed in only a few steps. Once it has been attached, inserted and sealed, AmbienTone can easily be decorated, painted over or even plastered over. A wall plaster can be up to 2mm stronger, without leading to any noticeable loss in sound quality.

- Prepare the wall with metal profiles
 Attach AmbienTone
 Insert and seal AmbienTone into the dry wall
- A. Seal gaps
 AmbienTone can now be painted, decorated or plastered over anyway you want



AmbienTone is the essence of design, an understatement in style, all-powerful technology that nevertheless stays out of the limelight.

AmbienTone allows you to lead a nicer and more stylish life. AmbienTone brings everything to chime – your stereo, multiroom or surround sound system.

The sound walls are compatible with all conventional HiFi systems. They can be mounted anywhere – in the living room, in fact all over the house. They are a perfect source of background music in rooms where you want to create atmosphere e.g. in the kitchen or bathroom as a mono-loudspeaker.

THE TECHNOLOGY IN THE BACKGROUND

THIS IS WHERE THE WALL BEGINS TO OSCILLATE

AmbienTone is a flat-membrane loudspeaker based on a bending wave convertor. Integrated into a gypsum plaster board, it is installed in a dry-lined wall. It is ideally suited to new buildings, conversions, renovations or refurbishments.

THE WHOLE WORLD OF SOUND

AmbienTone comprises flat-membrane loudspeakers for the wall and a Plug & Play loudspeaker for the AmbienTrack wall and corner pillars. AmbienTone opens up all kinds of opportunities for you, for everywhere you want to enjoy music, without the inconvenience of unsightly loudspeakers.

AMBIENTONE NO. 4

Power: 60 Watt

The flat-membrane loudspeaker is part of a modified gypsum plaster board, which can be installed, sealed, painted over and decorated in a dry-lined wall. Even wall plaster which is 2 mm thicker, causes no reduction is sound quality.

AMBIENTONE NO. 2

The AmbienTone No. 2 universal modules can be attached invisibly into board materials such as MDF-Wood or chip boards. Here board materials such as multi-media wall elements or parts of wall and ceiling lining are fabricated in such a way that the reverse-side of the self-adhesive AmbienTone No. 2 can be fitted while the front-side of the board materials can be used as a flat membrane. The AmbienTone No. 2 flat loudspeaker can thereby be invisibly and jointlessly integrated, for example, in wood panelling and furniture.



Impedance: 6 Ohm Frequency: 80–18,000 Hz Sensitivity: 92.5 dB Overload Protection (PTC) Dimensions: 625 x 500 x 44 mm (H x W x D) Weight: 5.8 kg approx. System: 2 way Beam Angle: H x V 180° x 180° Connection: 10 m speaker cable, colour coded Max. SPL: 108 dB Support: 12.5 mm gypsum plaster board



Power: 40 Watt Impedance: 4 Ohm Frequency: 80–18,000 Hz Sensitivity: 85 dB (1 Watt / 1.0 m) Overload Protection (PTC) Size: 435 mm x 570 mm x 40 mm (H x W x D) Weight: 3.5 kg approx. System: 2 way Beam Angle: H x V 180° x 180° Connection : 10 m speaker cable, colour coded Model: Self-adhesive membrane AMBIENTONE NO. 3 PILLAR LOUDSPEAKERS With its elegant design, the Plug & Play loudspeaker can be perfectly integrated into the AmbienTrack system. It can be inserted into wall and corner pillars and connected to ordinary HIFI amplifiers or surround receivers. The AmbienTone No. 3 pillar loudspeakers are available in the standard AmbienTrack designs of aluminium and in stainless steel optic.



Power: 15 Watt Impedance: 8 Ohm Frequency: 80 –18,000 Hz Sensitivity: 80 dB (1 Watt / 1.0 m) Overload Protection (PTC) Size: 135 mm x 250 mm x 43 mm (H x W x D) Weight: 640 g approx. Broadband system Available in aluminium and stainless steel look

FOR AT HOME AND IN PUBLIC

AmbienTone sounds great. Everywhere – be it as mono or stereo loudspeakers, as a complete home cinema system or as a multi-room installation. The wall loudspeakers can be fitted anywhere: in the kitchen, in the bathroom and living room as in all other living areas. It is just as suitable for conference rooms, restaurants, hotel complexes, shops and even health centres.















Restaurants

1000

20

Shop

otels

Galle

C

Living Roor

Kitchen

AMBIENTONE









Bathrooms



INSTEAD OF ANYWHERE, SLAP BANG IN THE MIDDLE

MOUNTING:







AMBIENTECH TV WALL MOUNT

The TV wall mount allows for an extremely flat wall fitting of an LCD or plasma TV. It is ideal in combination with the AmbienTrack TV cable duct. The TV wall mount is available in two models with different weight categories and screen dimensions.

TV WALL MOUNT

- universal Plasma/LCD wall mount
- complies with the VESA Standard
- lockable
- extremely flat construction
- incl. mounting kit
- simple Plug & Play installation
- Large model:
- TV size: 37–60" / 95–153 cm - TV weight: 75 kg / 165 lbs incl. spirit level
- Small model:
- TV size: 23-37" / 59-95 cm
- TV weight: 50 kg / 100 lb

AMBIENTECH TV CABLE DUCT

Flat screen TVs seduce the viewer with their purist design and clear lines. They would be perfect in every living room, were it not for the cables hanging on the wall. The new AmbienTech TV cable duct provides a subtle and yet aesthetically pleasing solution to this problem. Also available with LED background lighting, it comes in white, warm white and blue.

TV Cable Duct

- wall pillar for hidden wiring
- universal panels for high quality aluminium
- surface refining (powder-coated)
- optional LED background lighting
- panels can be shortened to user requirements
- cable outlet individually adjustable
- incl. mounting kit
- dimensions: 1000 x 88 x 24 mm (H x B x D)



INTERNATIONAL STATEMENTS



to trip over, light that expresses all different nuances - it's a huge trend in a city where the efficient use of space is of the utmost importance." Eric Uebel, TEKK88, Hong Kong



"Our customers still marvel when they stand in front of the wall and hear the sound coming at them, and when they see the cable conduits and all the possible ways of combining light. But they are absolutely speechless when they hear how affordable AmbienTech is." **Manuela Perea, Carlos Quillem, Viddatec, Spain**



"The AmbienTech system impresses our customers time and time again. The system enjoys particular success in residential constructions and in business – in showrooms for example." Kurt Honegger, Antonio Paparo, e-in, Switzerland

"AmbienTech is still considered an insider tip here. Everyone wants it. They want to be the only ones who have it. Indeed, they all should feel like that, because the system is so rich in variety that not one single version is quite like the other." Heijmans_{sound & Vision}

PRESS OPINION

"Cables gone, just like magic." (elektro profi 02/2008)

"It's a huge advantage to be able to use rooms for a different purpose than for what they were originally designed." (IFA Report 28.08.2008)

(Smart Homes 09/2008)

"Cables are elegantly concealed behind the impressive aluminium screens of AmbienTrack... With its flat-membrane loudspeakers AmbienTone's audio sources can be placed invisibly under the wallpaper and the sound still remains superb." (smart home & home entertainment 2008)

"You can't get any more space efficient: in-akustik have developed a loudspeaker system that can be completely concealed in the wall." (katterwe press (MSN) 7.12.2007)

"Instead of having to put an eye-sore in the living room, it is now pos-sible to install wall loud speakers and cable connections so that they look like decorations." (FAZ 3.6.2008)

"I hear something you don't see." (HD+TV 03/2008)

24

"Cable ducts seem glum? The AmbienTrack system from in-akustik surprises with adjustable LED lighting." (HD+TV 3/2008)

"Loudspeaker solutions, that remain as such even upon the second and third glance." (Schöner Wohnen 11/2008) "Using so-called shadow gaps and the most modern LED technology AmbienTrack provides ambient, indirect light – and turns football in TV into a real lighting trick pleasure." (Fivetonine 02/2008)

(frankfurtdaily light + building 6.4.2008)

(CE Market 03/2008)

"Just because the wallpaper starts reading you the headlines or you detect music coming from the walls without the slightest loss in sound quality, doesn't necessarily mean that wall between you and the neighbours was poorly soundproofed." (Deutsche Bauzeitung 06/2008)

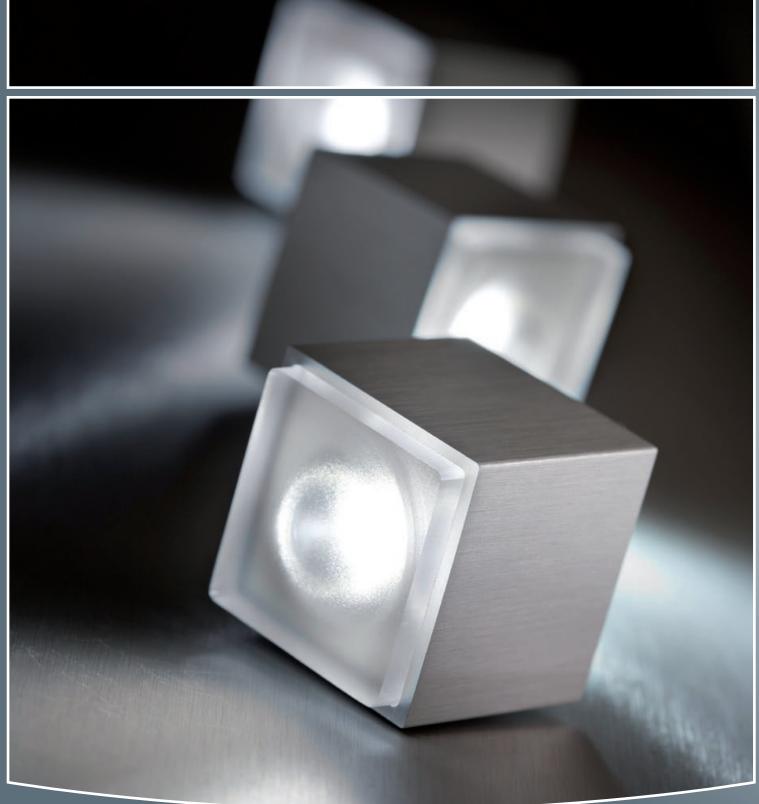
"A really snazzy system made from cable ducts which conceals all wiring mess with great flexibility, even bringing light to darkness... A convinc-ing system in all respects." (stereoplay 02/2008)

"Nicer living space, better acoustics, no more cables to trip over – that's what AmbienTech is all about." (heimkinomarkt.de 1.11.2007)

"Anyone who wants to put in a home cinema in the near future, should take a look at the in-akustik homepage." (home vision 02/2008)

"The art of concealment." (Smart Homes 01/2008)





in-akustik GmbH & Co. KG Untermatten 12-14 79282 Ballrechten-Dottingen Germany

Tel.: +49 (0) 7634-5610-71 Fax: +49 (0) 7634-5610-80 E-Mail: ambientech@in-akustik.de Web: www.in-akustik.de

