

home automation journal

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in this issue



WELCOME

P2-3 Project in the picture
Vantage makes its entrance into the Bang & Olufsen world with the first showroom of the Danish firm equipped with a Vantage home automation system. Domosat, our local dealer (Marbella, South of Spain) shows us around... Read more on page 2-3.

MORE NEWS



P4 New Products

Vantage is proud to announce 2 new A/V switchers, iPhone/iPad Apps and more interesting new products.

P4 Training News

EDITORIAL



In a rapidly changing world, wrought by incessant technological advances and global dissemination of technology, Vantage must respond to keep its seat at the head of the innovation table.

We are happy to be able to show that the Vantage Infusion system has not come to his limit by unveiling continuously new drivers. The upcoming months you will see how we are increasing the depth and scope of the Infusion system with the introduction of several new drivers. For this reason, the Vantage technical team expanded.

In this issue we already unveil the B&O driver, in a next issue we will focus on the first project with the Vantage Fidelio* driver.

Koen Pepermans
Managing Director

coming soon



VANTAGE AND DRIVERS

As a leader in the residential and commercial automation industry, Vantage provides integration drivers for partner manufacturers' devices. These drivers give you the ability to quickly and easily create solutions that incorporate partner devices. During the ISE show in February in Amsterdam and in a next home automation newsletter, we already try to give you a first impression of one of our newest developments in drivers, released for the hotel industry: the Fidelio* driver. In one of our next issues we will be pleased to talk about a hotelproject in Egypt with Fidelio*. Don't miss it!

*The Fidelio Opera Reservation System (ORS) from MICROS is a very popular front desk and reservations system used in thousands of hotels worldwide. Many hotel chains have implemented it in all of their hotels (Four Seasons, Fairmont, Continental, etc.).



1.



2.



3.



4.

Vantage and Bang & Olufsen create perfect harmony in southern Spain

Opening of a special showroom in Malaga

a closer look at a project

When the initiators of the brand-new Bang & Olufsen Centre in Malaga selected Vantage, their choice was both deliberate and logical. They have been representing this top brand in the Guarnieri Building in the Andalusian capital since May 2011, and setting a high standard was therefore essential – or should we say, a self-evident choice.

After all, that's what their customers expect, and the other showrooms in the business centre feature equally renowned brands: Porsche, BMW, Ducati and Ferrari. As you can see, this is not a run-of-the-mill shopping centre.

Technology and design

Their illustrious neighbours rely primarily on test rides, but for B & O the key aspect is comfort. The 'easy chair' factor, so to speak, with technology that ensures perfect audio and video reproduction. This makes the link to home automation crucial. Automation is essential in this sort of environment because it enhances the user's quality of life.

It goes without saying that people who look for top quality in audio and video look for the same quality in ease of use.

Both technology and design are keywords for B & O as well as Vantage, so the marriage required little prior discussion. The Danish quality brand strives for inte-

gration into the user's living space, and Vantage technology makes this perfectly possible.

Bang & Olufsen select the same decor and furniture for their showrooms everywhere in the world.

This creates a minimalist, functional look. Open areas and neutral colours allow the products to capture all the attention. This is the first time that one of their showrooms has been fully equipped with Vantage technology. It is a pilot project in which both parties learn a lot from each other, and which certainly holds promise for the future.

The showroom in Malaga is divided into two zones, each independently controllable using Vantage technology.

One zone is the BeoLiving area, which is used for demos.

A simple button press is all it takes to completely change the mood – the lights dim and the curtains close silently; a motorised cinema screen descends from the

ceiling, and sound emerges from powerful BeoLab 5 speakers.

The rest of the showroom – the actual shop area – is also controlled by a Vantage touchscreen and the B & O remote control unit.

The temperature, ambient lighting and spotlights on every exhibited product are always set to the desired level. The HD signal distribution to each device is controlled by the Vantage 1080HD switcher. It is installed in a separate equipment room, where visitors can get glimpse of what goes on behind the scenes if they wish.

Total integration

Bang & Olufsen chose Vantage on account of its total integration capability.

The choice was not made overnight: installation specialist Domosat, which has an established track record in home automation in the Costa del Sol region, has been using the system for over eleven years.

Furthermore, the architect was able to implement all of the right technical requirements in the design of the Guarnieri Building – a key advantage for achieving optimal results.

A nice touch here is that the B & O remote control and the Vantage touchscreens both can have the same functions, so all remote control actions can be performed from the user's easy chair or at the wall to select the desired lighting, sound level and mood. In addition, the Vantage Energy Management system, as its name suggests, allows the user to achieve optimal energy savings.

The Vantage system provides the following control functions in the B & O showroom:

- The Vantage Energy Management System manages heating and air conditioning. Naturally, this system includes Vantage thermostats.
- Lighting
- Audio and video. Distribution of various signals, such as audio, video and camera imagery, using a High Definition Audio/Video switcher.
- All Bang & Olufsen equipment
- Drapery system
- Electrically operated sun blinds

The lighting mood is adjusted according to time-of-day settings or the equipment currently in use. A sensor connected to the Vantage thermostat also detects the outside temperature in order to make adjustments indoors if necessary. A motion sensor is located at the entrance to the showroom. However, every action can also be adjusted using a control panel.

A TPT1040 touchscreen provides the user interface for the BeoLiving area, while 2 backlit RGB keypads are located in the shop area. Different moods can be created with a simple touch on either of the two control panels.

This puts potential customers in exactly the right mood.

System components

The core component (the "brain") of the Vantage installation is the **Din In-Fusion Controller** (qty: 1), which holds and executes all of the programs in the Vantage system.

- **The Din Standard Load Dimmer Station** (2) allows the lighting to be dimmed gradually to any desired level in order to create elegant lighting scenes.

- **The Din Relay Station** (4) enables effortless on/off switching of lighting fixtures and other components, such as curtains, sun blinds, cameras and so on.

- **The Low Voltage Output Station** (1) is used for dimming fluorescent lamps, LEDs, etc.

User interfaces

- **TPT1040** (1) in-wall touchscreen for operating the Vantage system.

Extremely user friendly for operation and programming.

- **Keypad** with 8 buttons, finished in Triline and painted white (2) – In-wall keypad with backlit buttons that indicate the status of the control functions.

- **Mini Motion Sensor 360° Flushmount** (2) – flushmount motion detector that can be used to control everything connected to the Vantage system. Extremely small (only 30 mm) and inconspicuous.

- **WebPoint Version 2.1** – Vantage user software that allows the showroom to be configured and controlled in real time from any desired location using any desired browser.

A/V control

- **Infrared Emitter Station** (1) – integrates the third-party A/V components into the overall Vantage system

- **1080HD-A High Definition Video Switcher** (1) – distributes signals from the video sources to the various B & O monitors in the showroom

- **Energy Management Solution System** – enables comprehensive



household energy management and allows users to view their energy consumption in real time. The system also presents a savings plan tailored to the user.

Room climate control, adapted to the user's specific wishes by means of the:

- **Vantage Thermostat Station** (1)

- **Outdoor temperature sensor** (1) – communicates with the Vantage thermostat

- **Drapery system** (1) – one-way draw, 1,525 mm curtain track

With thanks to

Domosat
www.domosat.com

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29004 Málaga
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a closer look at a project

Photos:

Cover: BeoLiving room. This zone is the core of the Bang & Olufsen showroom. This is where the products are demonstrated and a home atmosphere is created to the greatest extent possible. In the picture: Vantage TPT1040, BeoVision 4 TV or 50" Full HD TV, BeoLab 7-6 and BeoLab 5 speakers.

P1 small: The front of the Bang & Olufsen showroom in the Guarnieri Building at Avenida Velasquez 470, Malaga (Spain).

P2 top:

1. Lighting concept
This allows every circuit in the system to be controlled. There are sliders for dimming the LED lamps so that everything can be set to the desired intensity. There are also four buttons with pre-programmed moods (meeting, relaxed, TV mode and theatre mode), which can be modified. They are also integrated in the Bang & Olufsen remote control unit.

2. Security control

For full control of the security system. Including camera imagery, which can be viewed on the TPT1040, as well as the alarm status and panic buttons for emergency situations.

3. Airco control and weather component.

This screen provides complete control over the HVAC system (on/off, mode selec-

tion, weather situation indication). Outdoor and indoor sensors provide direct temperature indications, which can be read at a glance on the thermostat screen. The weather component can display the weather situation anywhere in the world – both the current situation and the forecast for the next five days.

4. Media control.

The sound and video of the Bang & Olufsen system can both be controlled from here.

P3 top: The Bang & Olufsen showroom.

In the picture: Vantage thermostat and a BeoVision 7 TV or 55" LED Full HD TV, BeoLab 7-6 central speaker, BeoLab 8002 speakers and BeoLab 11 subwoofer.

new products

VANTAGE NEW MULTI-ROOM AMPLIFIER 850D-DA

The Vantage 850D-DA is one of the most advanced, dedicated multi-room distributed audio amplifiers on the market. Each 850D-DA has independent or linked volume control on each of eight amplifier/pre-amplifier zones and can accept any digital or analog source, including DVD and Blu-Ray players, media servers, CD players, cable and satellite boxes, digital music players, and more. Additional 850D-DAs may be interconnected providing up to 72 zones of audio and vastly simplify installation. Like all other Vantage products, the 850D-DA is designed to maximize control, simplify functionality, and expedite installation. The amplifiers are protected against short-term output shorts and have three progressive levels of thermal protection. Vantage products are built to the highest standards of quality and reliability.

- Six power stereo zones @ 50 Watts into 8 ohms, 75 Watts into 4 ohms
- Two stereo Preamplifier zones with full control
- High efficiency digital amplifiers with overdrive limiting
- Eight analog inputs
- Twelve digital inputs
- Resistive touchscreen interface on front panel
- Vantage Ethernet Bus control

NEW HIGH DEFINITION VIDEO SWITCHER

We are pleased to announce the release of the new Vantage 1080HD-A.



On top: 850D-DA (Digital Distributed Audio Amplifier) and bottom: 1080HD-A (High Definition Video Switcher), both can seamlessly be integrating in the Vantage system

The Vantage 1080HD-A high definition video switcher gives the homeowner a convenient, future-proofed method of distributing crisp high-definition video to multiple displays throughout the home.

The customizable chassis ships standard with eight buffered HD component video inputs, two S-video/composite inputs, with digital audio inputs, and four zone outputs. The modular design of the 1080HD-A allows for multiple zone and source configurations to suit any project. Through a simple card expansion, each Vantage 1080HD-A can be configured to support either a 10x4 or 8x8 setup. The 1080HD-A RX1 receivers require only a single CAT6 cable to deliver audio, video, and power. This will provide high-definition component video and audio signals to any display within 250 meters of the 1080HD-A.

- Seamless integration over the Ethernet Bus
- Handles 8-10 HD sources and 4-8 HD zones (Standard-Expanded)
- Supports digital audio and two-channel analog audio at the RX1
- Transmit a high-definition signal up to 250 meters over single CAT6 cable

You find more about the new switchers on our website on the product section.

VANTAGE EXTENDS HOME AUTOMATION CONTROL TO IPHONE® AND IPAD®

Vantage enables homeowners to control lighting, audio, cameras, and home climate remotely thanks to 2 new applications: the iPhone®- and the iPad® app.

The combination of iPhone® and iPad® support for Wi-Fi and the 3G network, along with the devices' sleek touchscreens, make both popular platforms for



Simple intuitive control of your home through an iPad or iPhone

home automation control.

The apps are designed to:

- provide homeowners with **simple, intuitive control** of their home from any iPod Touch®, iPhone® or iPad®, devices that are integral to their lifestyles,
- give the ability to **browse and then play Vantage music sources** or select an Internet radio station. Homeowners can fully manage and flip between home audio sources, including Vantage's Digital Music Manager, CDs, tuners, and more. The applications allow users to view and control audio in each home zone, managing power, as well as volume levels and muting commands,
- **flip between cameras**, navigate individual IP cameras,
- manage room light sources remotely and use a flick motion as a means for **controlling keypads and lighting loads**,
- experience **real-time feedback** for room temperature, lighting levels, whole-home scenes and camera viewing.

1. THE VANTAGE IPHONE APPLICATION:

The Vantage iPhone App offers the most person-

alized access to your Vantage system from anywhere you are, at once: Simply touch the screen to dim the lights, scroll through your music library or view the front door camera. You can download the demo freely and purchase the app on the Apple Store:

<http://itunes.apple.com/us/app/vantage-home-control/id397780401?mt=8>. The same application is now also available for iPad.

2. THE VANTAGE IPAD® APPLICATION: YOUR VANTAGE TOUCHSCREEN ON AN IPAD®

Thanks to the new iPad® app, homeowners are able to transform their iPad® into a fully customizable mobile touchscreen to control their Vantage home automation system. It's all very easy and comprehensive with the familiar Vantage touchscreen on your iPad®. You can simply copy the Vantage touchscreen design, or you can create a new design of your own. You can download the demo **for free** from the iTunes® store and experience all that the Vantage apps have to offer.

<http://itunes.apple.com/nl/app/vantage-emea-home-control/id414604228?mt=8>

The iPad® app is available through your dealer.

You can also check the Vantage website for more product info.

VANTAGE ON ANY TABLET!

The following news is just reaching us: The software that powers Vantage in-wall touchscreens is now available for Windows OS tablets and PCs. InFusion Media Client software, the TPT Designer and the IMC-USB key together empower the Vantage dealer to easily deliver elegant interface solutions to the homeowner. This tactic allows us to take advantage of the very latest tablet hardware. For more info contact your dealer.

QUAD SENSOR

We are pleased to announce the release of the Vantage Quad Sensor.

Quad Sensors are used in conjunction with the Vantage IRX II (InfraRed Emitter Station II) to offer power and status tracking of third party equipment. By detecting all possible power and A/V signals, the Quad Sensor tracks the contact state and monitors whether these devices are on or off.

With Quad Sensors installed, homeowners can now activate and deactivate all connected devices with one press of a button.

You also find it on our website on the product section.

Vantage news

DESIGN ON THE GO WITH THE NEW APP FROM VANTAGE



The new Vantage Keypad Designer, an interactive web tool and app for iPad® and Android® tablet devices that lets users easily create, save, and share their customized Vantage keypads in a matter of minutes.

Select button and faceplate styles, choose colours and configurations, and even showcase the final design against nearly a dozen simulated wall backgrounds.

You also find it on our website on the product section.

Vantage and training

Training is the key to the success of Vantage integrators. Vantage training courses provide the technical background a Vantage dealer needs to design, install, program and maintain Vantage automation systems.

Our technical training courses are not open to the general public, but are instead intended for existing and prospective dealers, integrators, designers, architects, specifiers, programmers, and other lighting and home automation professionals.

NEXT TRAINING DATES 2011

BELGIUM (ANTWERP)

29-30/11/11	INFUSION ADVANCED TRAINING (ENGLISH)
1-2/12/11	INFUSION DRIVER TOOLS TRAINING (ENGLISH)
7-9/12/11	INFUSION CERTIFICATION TRAINING LEVEL II (DUTCH)

For additional dates of the InFusion Certification, Advanced or Driver Tools training: www.vantage-emea.com. For subscriptions or training info: eveline.vereecken@vantage-emea.com or +32 (0) 3 773 31 06