

HOME AUTOMATION

TAILORED
TO YOUR CUSTOMER



Powered by

 V A N T A G E

THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**[®]



DRESS THE TECHNOLOGY WITH LEGRAND AESTHETIC RANGES

MyHome SOLUTION



Touch controls and Energy management



Home Automation



Security and safety



Home Network



Temperature control



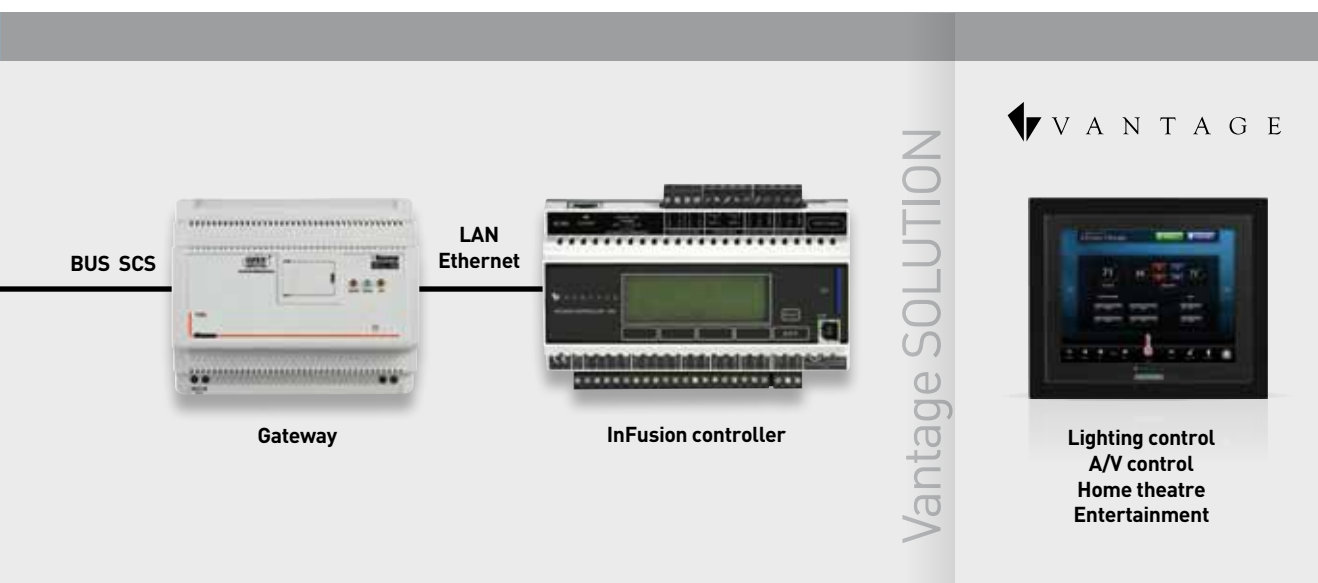
The new possibility to integrate Legrand MyHOME solutions with Vantage InFusion opens a world of opportunities in home systems. Third party integration with Home Entertainment or HVAC is now a simple and reliable way to customize any project.

LEGRAND and VANTAGE INTEGRATION

Total and evolved control of the home

Legrand powered by Vantage solutions are integrable in luxury villas according to each country's aesthetic taste. Opening the possibility to satisfy a wide range of tastes and budgets, tailoring the solution to each Customer's needs.

Legrand group, as the global specialist in electrical and digital building infrastructures, provides a complete range of solutions for residential buildings, integrated in the aesthetics of the wiring devices ranges such as energy devices, A/V devices, VDI infrastructures and cabinets.



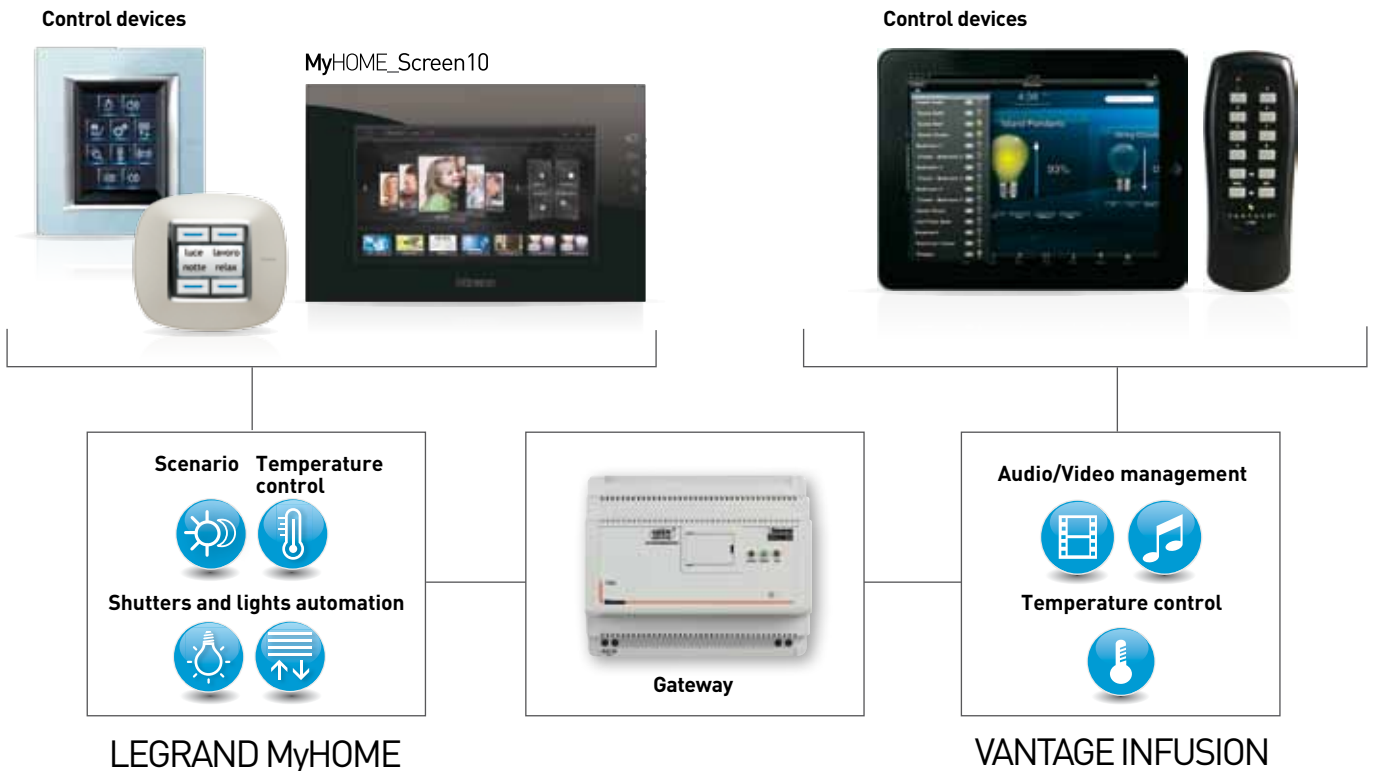
STRUCTURE OF THE SYSTEM

AND AVAILABLE FUNCTIONS



The integration between Legrand MyHOME and Vantage InFusion systems is made possible through a MyHOME TCP-IP gateway device connected to the Vantage “InFusion Controller” and the use of a MyHOME driver ⁽¹⁾ certified by Vantage

The power of the integrated system includes the ability to manage home systems via the MyHOME System adding the integration of Audio/ Video and energy saving functions through driver control of third parties devices.



Note (1): The term “driver” indicates a software application created for the communication and the management of a specific hardware device. A common example would be a printer “driver” which is installed on a PC with the function to recognize the type of printer connected and to communicate printing instructions.



Vantage Touch Screen
for the centralized control of the functions



Digital Music Manager
for the audio files management.

Using a Touch Screen, a remote control, or even through a TV display menu it will be possible to activate the "Home Theatre" scenario and to run the desired movie. The TV will turn on displaying High Definition

images while the lights, the shutters and the fan coils will be activated to provide the most comfortable atmosphere. With equal ease one can freely preset, at his will, the room where he desires to listen to his favorite music, by selecting music files stored on the Vantage devices or stream music via an Internet connection.

FUNCTIONS THAT CAN BE MANAGED IN A MyHOME AND INFUSION INTEGRATED SYSTEM

In the following scheme are shown the main functions that can be managed through the interaction between the MyHOME and the Vantage devices

VANTAGE FUNCTIONS THAT CAN BE MANAGED BY THE MyHOME SYSTEM

- Scenario activation with the Vantage Audio/Video management
- CEN commands for the Audio/ Video management through the 03565 scenario programmer gateway



LEGRAND MyHOME

LEGRAND FUNCTIONS THAT CAN BE MANAGED BY THE INFUSION SYSTEM

- Lights ON/ Lights OFF and dimmers
- Shutters automation
- Scenario activation (memorized in the scenario module 03551)
- Visualization and regulation of the temperature in different rooms
- Visualization of the temperature set in each thermoregulation probe



VANTAGE INFUSION

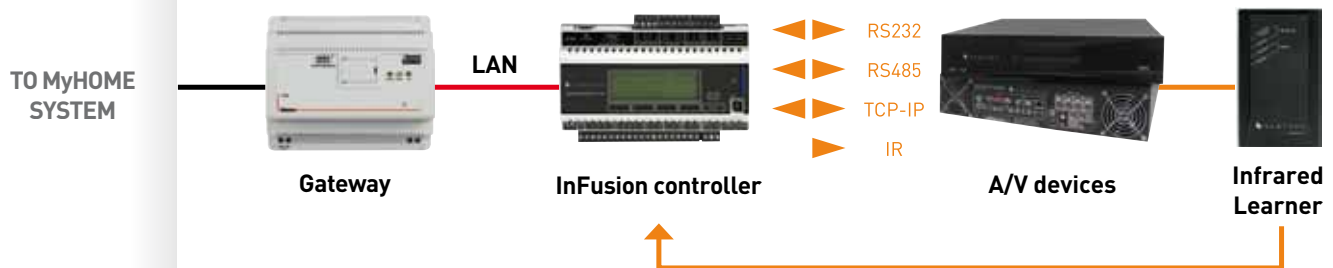


EVOLVED FUNCTIONS

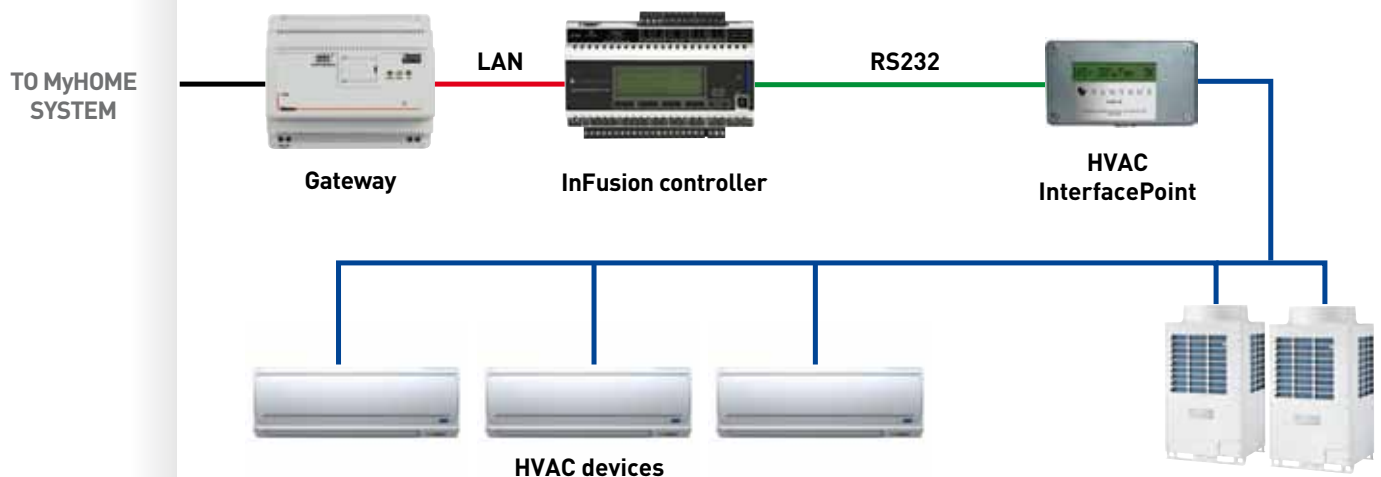
Thanks to the integration between Legrand MyHOME and Vantage InFusion, the system will be able to perform many evolved functions.

The images below show two possible integration solutions that can be implemented. The various devices can communicate each other through different communication standards such as RS232, RS485 and also TCP-IP over Ethernet. In addition, it is possible to manage devices with IR control.

Integration of Audio/Video devices for Home Entertainment functions



Integration of HVAC devices for temperature control

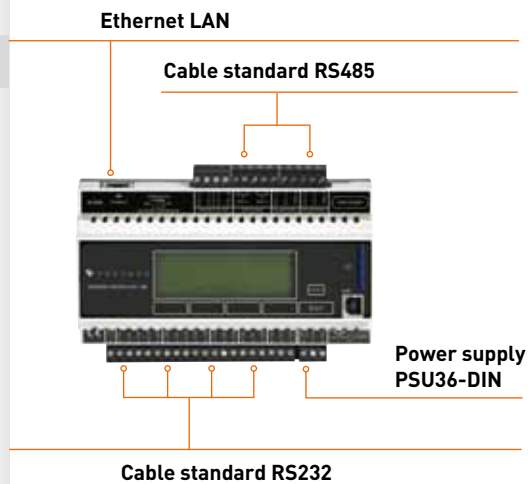


THE DEVICES

HOME ENTERTAINMENT FUNCTIONS

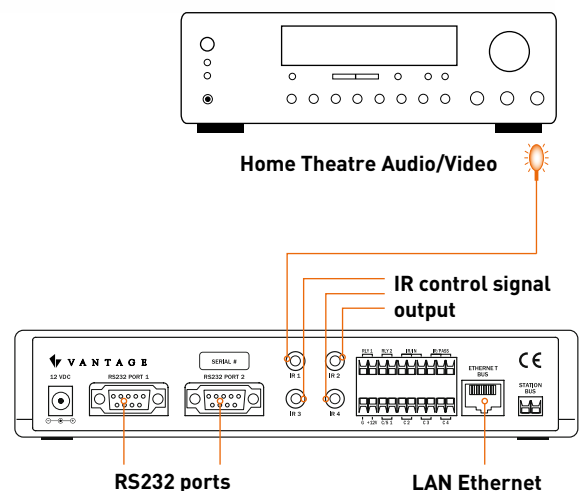
Infusion Controller

Available in the DIN format, the InFusion Controller with the Intel XScale processor is the most powerful automation controller on the market, featuring an extremely fast processor, five RS-232 ports, fast bus communication, large memory capacity, a built-in Ethernet jack and a USB port. Power supply item PSU36-DIN.



Infrared Emitter Station II item IRXII

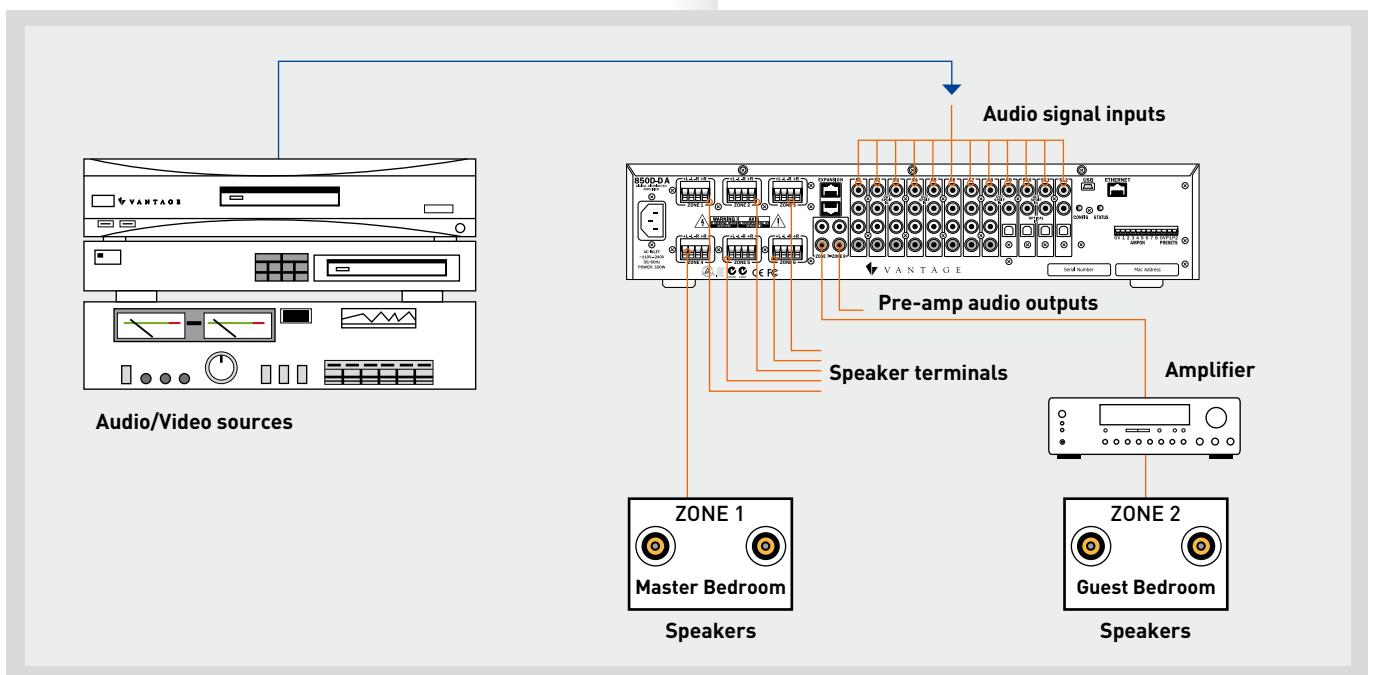
Infrared Emitter Station II (IRX II) is Vantage's next generation in integration and A/V control products. The IRX II integrates the home theater or boardroom into a complete automation system and can control virtually any A/V device using previously programmed keypads, remote controls, touchscreens and time controls.





Multi-room amplifier item 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 amplified/pre-amplified zones and can accept digital or analog source, including DVD and Blu-ray players, media servers, CD players, cable and satellite boxes, digital music players, and more.

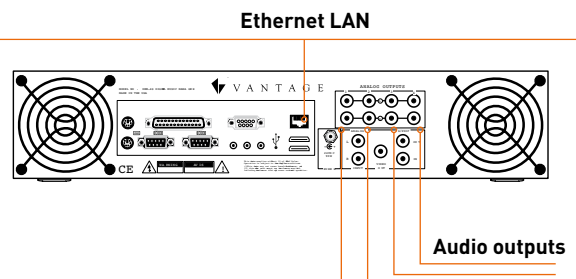


THE DEVICES

HOME ENTERTAINMENT FUNCTIONS

Digital Music Manager item DMM-4S and DMM-4ST

The Digital Music Manager (DMM) automatically seeks out all of the digital music in a home's network and enables the homeowner to play and control it easily from an intuitive, feature-rich Vantage interface. In addition to playing any of the CDs ripped and stored on the system itself, the DMM can stream live from a laptop, USB/MP3 player, Internet Radio, or any shared music files. And any CDs ripped to the DMM are copied at seven times sampling to obtain the purest quality audio.



Video Switch item 1080HD-A

The Vantage 1080HD 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 allows for multiple zone and source configurations to suit any project.



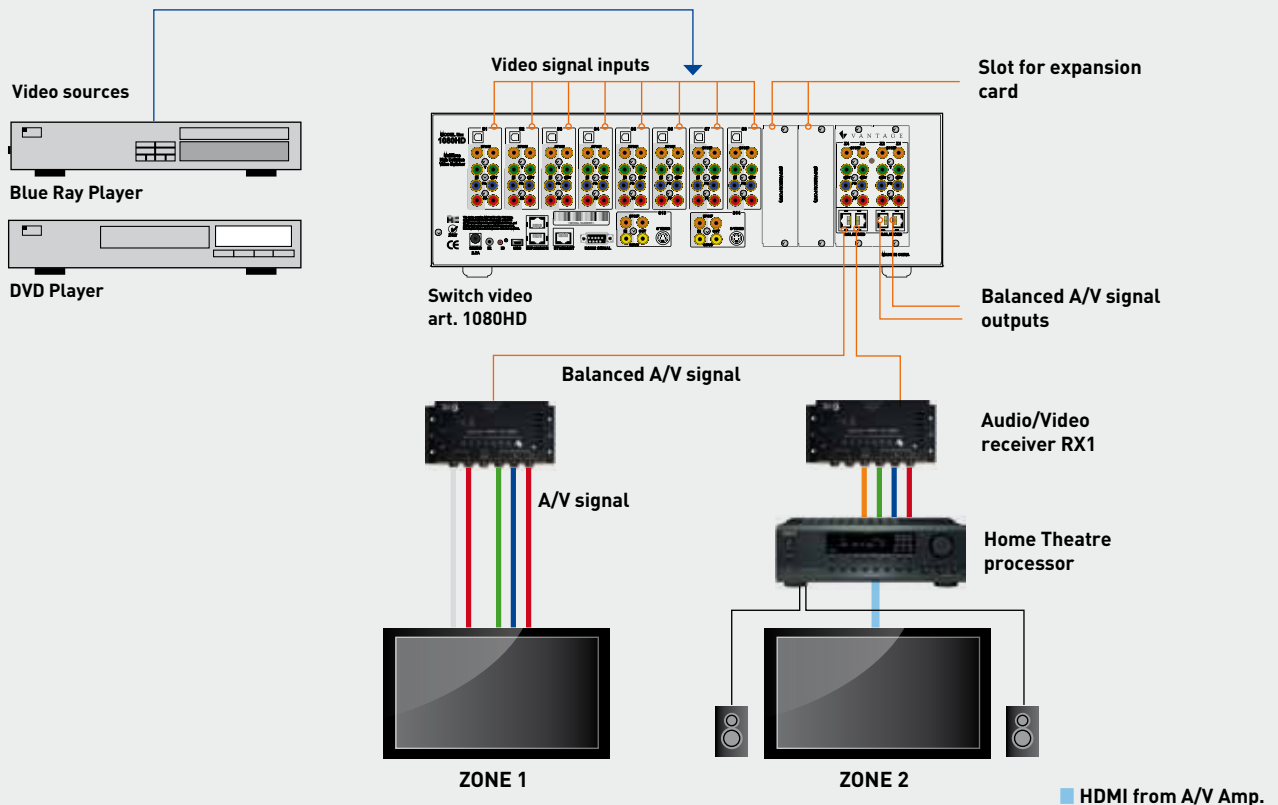


Audio/Video receiver RX1

The 1080HD 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.



Schematic diagram for connection of Video Switch 1080HD-A and Audio/Video receiver RX1

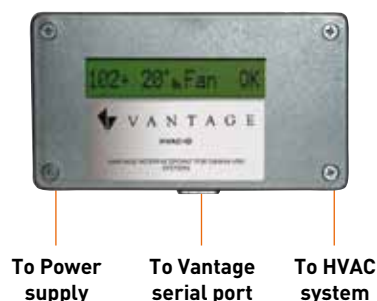


THE DEVICES

HVAC FUNCTIONS

HVAC InterfacePoint

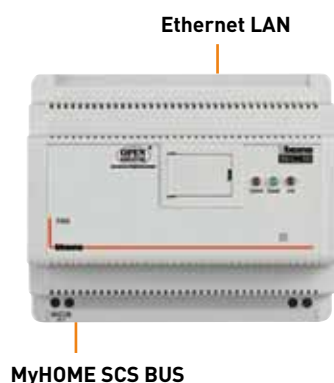
The Vantage HVAC InterfacePoint makes it easy to integrate HVAC systems in the Vantage InFusion System. 5 different hardware devices are available: HVAC-ID (for Daikin), HVAC-IS (for Sanyo), HVAC-IT (for Toshiba), HVAC-IM (for Mitsubishi Electric), HVAC-IH (for Hitachi) all utilize 1 driver in the Vantage software. The HVAC Interface System gains full control on indoor units and provides access to the system parameters.



GATEWAY

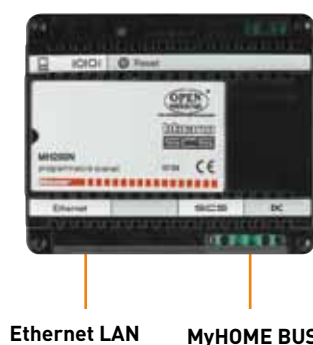
Web Server item 03598

Web Server audio / video for the remote control of MyHOME functions via the web pages. 27Vdc power from bus SCS. Overall dimensions 6 DIN modules. Programmable by software supplied.



Scenarios programmer item 03565

Device for the execution of scenarios programmed with software supplied. The scenario can be combined with timetables, dates, manual activation, events managed channels of AUX or generated in Automation and Temperature control system. Overall dimensions 6 DIN modules.





USER INTERFACES

VANTAGE Touch Screen item TPT650 and TPT1040

With a large screen and intuitive touch icons, Vantage touch screens allow management of all domotic functions with ease. One can also view the status of systems controlled by an indication of the temperature and the state of lighting (ON / OFF and dimming level). If a surveillance system is provided for IP cameras images are viewable on the touch screen. All managed functions by Vantage touch screens are programmed via InFusion Media software. The touch screen is integrated into the system through Ethernet LAN.



TPT650

TPT1040

MyHOME_Screen 10 item 0672 67 and 0672 68

Multimedia Touch Screen with 16:9 10" LCD screen and new graphic interface:

- management of all MyHOME and Video door entry system functions
- navigation by rooms
- management of multimedia contents through USB connection, SD Card, LAN network, or IP
- management of customised profiles
- possibility of customising background images

Installation: the device is suitable for wall mounted installation using the bracket supplied.

Available in white and in black.

No additional surround plate needed.

MyHOME_Screen10



0 672 67



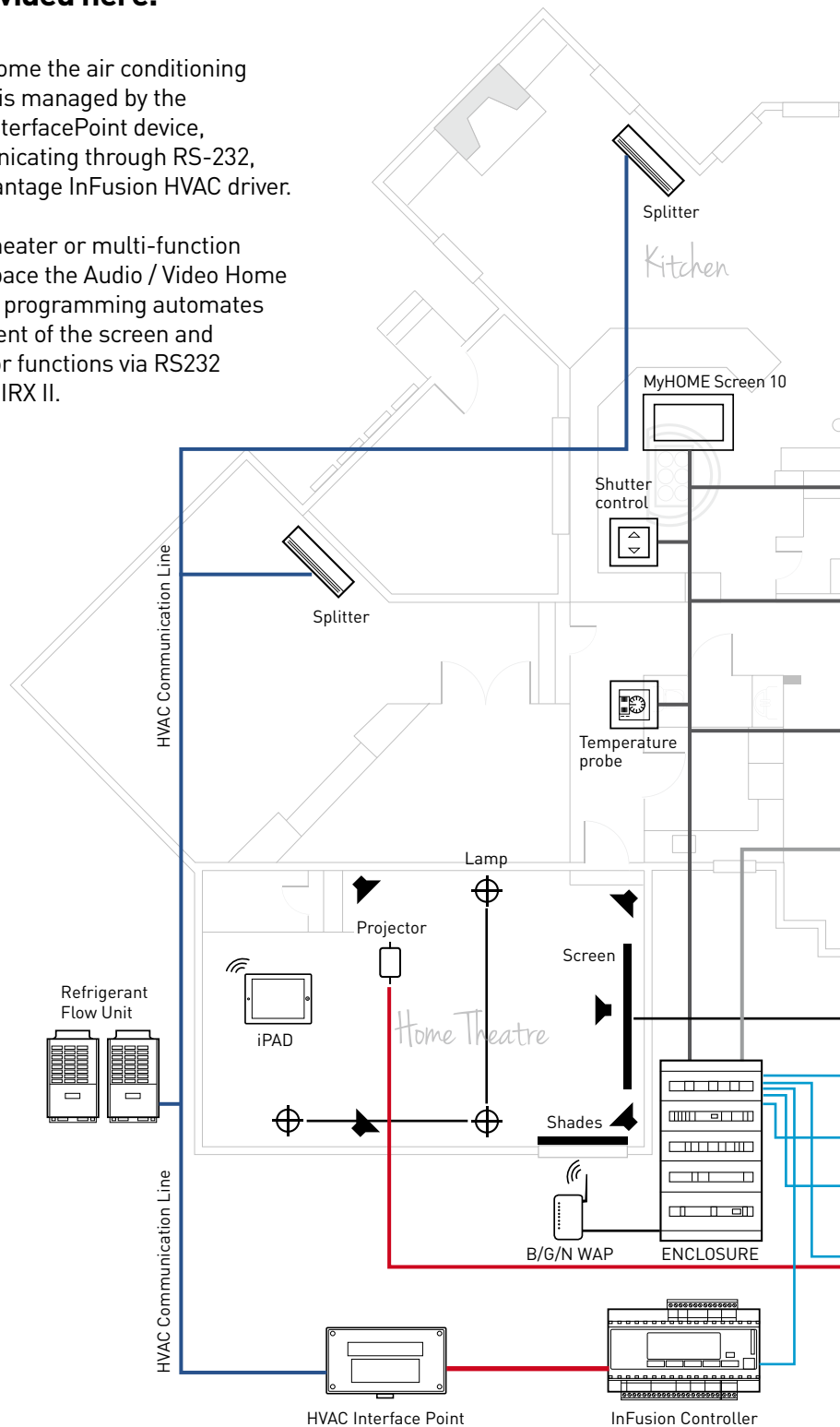
STRUCTURE OF LEGRAND MyHOME AND VANTAGE INFUSION INTEGRATED SYSTEM WITH HOME ENTERTAINMENT AND HVAC FUNCTIONS

To illustrate the concepts described in the above pages, a schematic diagram of a functional Home Entertainment and HVAC integrated system is provided here.

In the home the air conditioning system is managed by the HVAC InterfacePoint device, communicating through RS-232, and a Vantage InFusion HVAC driver.

In the theater or multi-function living space the Audio / Video Home Theatre programming automates movement of the screen and projector functions via RS232 and the IRX II.

The IRX II also manages, via IR signals, the two LCD TVs present in the room and lounge. The audio / video composite signal to the two LCD TVs is via cat. 6 cable by the Switch Video item 1080HD.



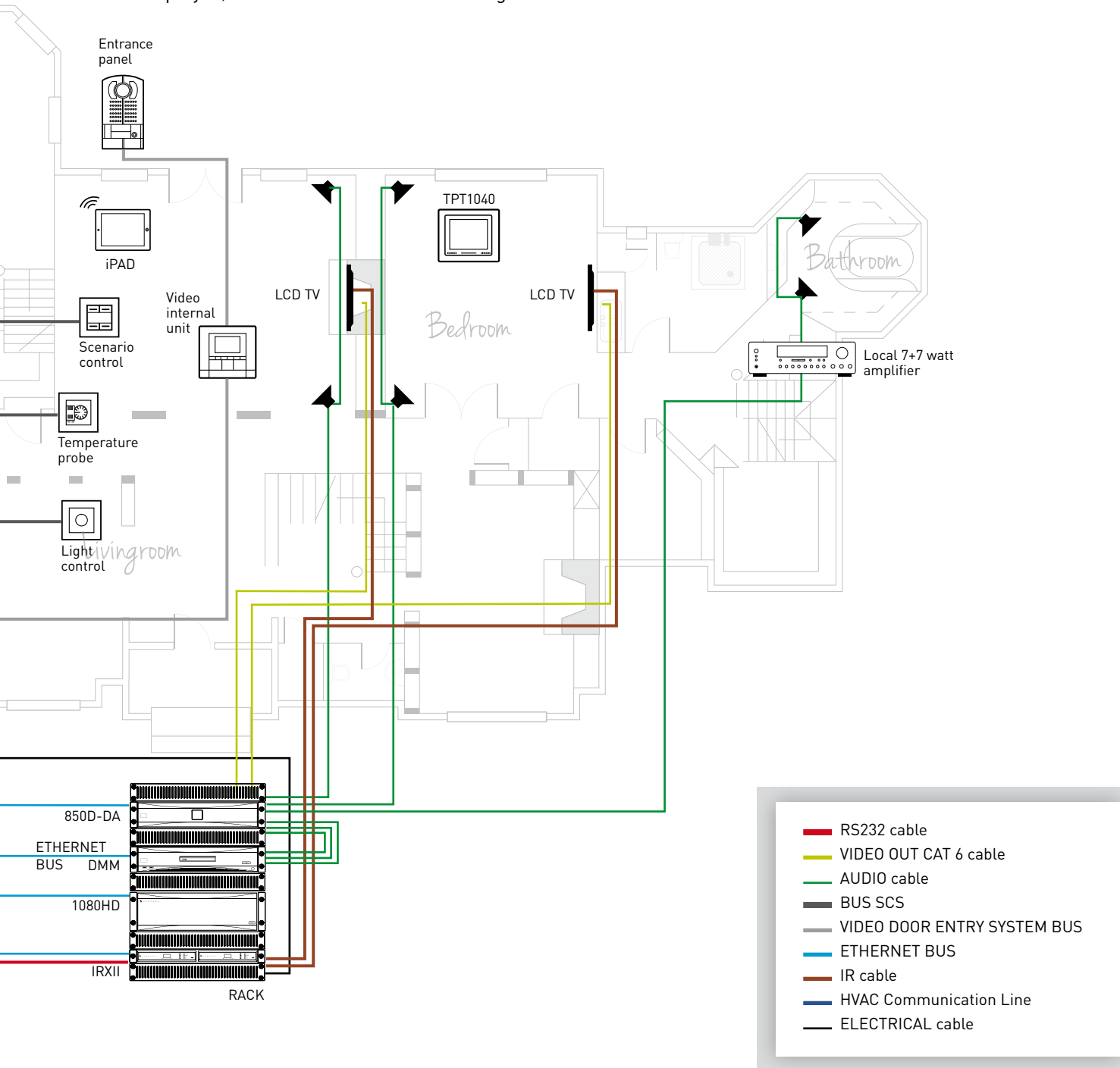
If the TVs are not able to process this signal, the RXI interface is required for the conversion of the composite signal in two independent audio and video signals.

In the dining room and in the bedroom loudspeakers are connected to the amplifier item 850D-DA for listening to sound sources available from a local CD player, stored in MP3

format from Digital Music Manager item DMM-4S/4T or downloaded from the Internet "streaming". A pre-amplified signal available from the amplifier item 850D-DA provides sound for the bathroom, using a local 7+7 watt amplifier.

In the apartment there is also light and shutters automation, video door entry and energy management.

The integrated management of all the described functions is realized through the use of Vantage Touch Screens, or Mobile devices connected through the Wireless network or MyHome control interfaces.





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