

**TELETASK**  
Trendsetter in home automation

# History

## Larsen & Toubro

Larsen and Toubro is a technology-driven company that infuses engineering with imagination. L&T is a leading manufacturer of low voltage switchgear, with the scale, sophistication and range to meet global benchmarks.

In addition to Switchgear, L&T offers comprehensive solutions for electrical and automation – for both, commercial and residential applications.

Buildings touch our lives all the time – be it our homes where we live, or our offices where we work, or the malls where we shop, or the hotels we dine, or the hospitals we recuperate. Aesthetics and comfort are therefore, of paramount importance. To serve this L&T has a comprehensive Building Automation Solution.



L&T Switchgear Works, Powai

## TELETASK | Trendsetter in Home Automation

Since 1984 TELETASK has been the leading manufacturer of high quality domotics systems. In those days TELETASK started with the development of an integrating system for residential applications. The name “domotics” didn’t exist then, but for the first time the basic idea of integration took shape with the name ‘Home Automation’.

Initially, revolutionary control possibilities were only available in custom made solutions. As time passed, the term “domotics” became popular and the acceptance of electronics in domestic electrical installations became established. Then began the development of the first modular “off-the-shelf” domotics products. During this rich history, TELETASK constantly set the standards for contemporary domotics solutions.

Today TELETASK stands for future oriented designs and high quality domotics solutions, the appreciation of comfort, safety, rational energy management, communication, quality and innovation is universal.

## Key highlights of the Home Automation system

Integration, usability, design and technology are the basic key elements that define the known success of the domotics product line.

**INTEGRATION** | The different functions controlled by the home automation system are intelligently linked to each other. For example, opening a window will automatically shut down the heating or air-conditioning. When leaving the house, a simple push on just one button can shut down all the lights and sockets, lower the central heating, control the shutters, stop the CD playing and arm the security system.

**USABILITY** | You don’t need a degree in physics to control the home automation functions. Each of the controls, like our push buttons and touch screens, are logically built-up and every function is easily accessible and clearly displayed. You will feel familiar with your Smart Phone remote control in seconds!

**DESIGN** | Recognize the need for a balanced interior design. Every push button, every touch panel and touch screen stands out beautifully on its own. They have been carefully designed and a broad choice of front plates is available. It is possible to have your front plates exclusively adapted to your personal taste. Stainless steel, solid glass, and solid aluminium are commonly used materials.

**TECHNOLOGY** | All the interfaces are connected to a high-speed bus (AUTOBUS). Among the interfaces we find the control interfaces such as buttons, touch panels, touch screens and sensors. Houses can be organised in groups to be monitored over the internet from remote site(s), etc.



Teletask, Belgium

A large, faint background image showing the silhouette of an adult lifting a young child into the air. The scene is set against a bright sunset or sunrise over a body of water, with the sun low on the horizon and its light reflecting on the water's surface. The sky is a mix of soft orange, yellow, and light blue.

# What is?

## WHAT IS HOME AUTOMATION | Integration

Home Automation is the integration of all different electrical systems in the house. This integration connects individual working electrical systems and circuits into a network which enables the generation of new functionalities.

However, this hardware integration is not the only aim of domotics. Thanks to these integrated relationships, an intelligent connection offers more than the sum of its individuals parts. There are many ways in which the extra value of the TELETASK solution are manifested. Sometimes the added value is strictly technical. Another time it offers an obvious addition to comfort or safety. Or it offers an aesthetic, an economical, a user-friendly or even an ecological added value. One fact is always true: the more electrical systems integrates into your domotics solution, the more added value it offers!

So home automation is not just lighting control, but the integration of an extensive package of electrical functions such as lighting, curtains, shutters, sun shades, appliances, humidifiers, heating and cooling, audio, video door phone, etc. However it also allows interaction with your mobile phone, PC, the Internet (LAN/WAN/WiFi applications), ...

# Comfort

## COMFORT | Your time

Realising tangible added value to contemporary living by offering integrated solutions. The largest added value of domotics you will notice first is the extra comfort level in all kind of situations.

It is a pleasant, reassuring thought that you don't have to remember to switch off the heating after opening the bedroom window in the morning or to know that on a hot sunny day the cooling system will only operate when the window is closed.

You don't have to worry that electrical curtains will be damaged accidentally if operated while the window was left open. Your domotics system refuses to close the curtain as long as the window is opened and kindly informs you with a small message why the curtain is still not closed.

You can rest in the comfort of knowing that if you forget to switch off the light in the hall, the garage or the garden..., the domotics system will switch them off automatically after a while. It is very comfortable if one or more motion sensors control the lights when you enter the hall at night, or when you go to bed or, leave the house; all lights and systems are switched off with a simple push-on button.

Your home automation system is even more impressive when you opt for the highly user-friendly touch screens from which you can easily control many functions. No longer need your walls be cluttered with different switch designs, thermostats and door phone systems. Now all controls can be integrated into one or more discrete touch screens.

With a home theatre installation, domotics seamlessly integrates several functions including lighting, projection screen deployment, closing curtains, "surround" sound control – all set with the remote control from your comfortable chair or while lying in bed. Several remote solutions are available, including the standard remote control, modern portable touch screens like PDA, Origami PC, iPod or iPad. From a standard PC with Wi-Fi connection you can control any domestic function simply by "clicking" on images of your house floor plans. Change audio settings and switch on the garden fountain while you enjoy a drink in the evening sun. By the way... all the other garden functions are also connected to your domotics system - from the garden lighting and the sprinkler systems to electrically operated gates and garage doors.



# Safety

## SAFETY | Have control

By integrating the different electrical systems, domotics creates a more safe and secure feeling. The TELETASK system banishes the monsters and ghosts during the night by automatically dimming the lights in the hall and the toilet as your toddler fearlessly walks to the toilet with his teddy bear under his arm.

At the end of a tiring working week it is a great comfort to nestle yourself near your partner in a cosy chair and with the remote control, bring the living room to your ideal mood: the up-lighter glowing softly and a romantic melody floating in the air... Or perhaps you prefer a classical palm-court orchestra or a heavy metal band? Only one button push will activate the perfect mood... while the system takes care that the gate and windows are closed.

It is reassuring to know that all the lights and the gas supply to the gas cooker is switched off by pushing one button as you go to bed, or to know that when you leave your house all electrical equipment such as the coffee maker, the steam iron, etc... are disconnected from the mains. This reduces fire risks, should such devices be left on accidentally while you are out?

With your Home Automation system you can also eliminate many other concerns. Nobody likes to come home from a nice winter sport holiday to find the kitchen flooded because the dishwasher water supply was broken. Your home automation system is able to turn off the water supply automatically when you are leaving for a while. No unpleasant surprises will be part of your happy homecoming any more.

At the same time as it makes safety checks, the system will run a presence simulation routine creating an occupied appearance for your house while you taste a tropical cocktail under the Caribbean sun. Should an uninvited visitor still manage to get into your house, the domotics system activates all necessary protective actions in cooperation with the integrated burglar alarm. When all touch panels beep at the same time, the siren is activated, the shutters and curtains open and the lights start blinking... you are noticed with an instant SMS message (if you like). Our best advice to the intruder is to leave the house in a hurry. At your distant location you can have a look at the recorded camera images and alert the emergency services if this hasn't been done yet automatically.



# AURUS

## AURUS-2 | Two button glass design

With its two buttons, the compact AURUS-2 is a perfect companion in rooms with limited functions or where highest simplicity is expected. It features two buttons with white LED feedback, soft night-lighting, built-in Infra-Red receiver for remote control and a buzzer for acoustic feedback. The AURUS-2 also has a built-in temperature sensor for room temperature control.

Although two buttons look limited, AURUS-2 is a very powerful panel. With your TELETASK remote control you have full access to air conditioning, audio control, etc... plus 24 customizable home automation functions. Take the two buttons to your bed or chair and they become manifold!

*Order reference | TDS12020xx*



## AURUS-4 | Four button glass design

It has the same features as the AURUS-2 touch panel with 2 additional buttons.

*Order reference | TDS12021xx*



## AURUS | Family

The exclusive design of the AURUS-family touch panels is the result of the minimalistic approach. Available in Black, White, Gold and Aluminium-grey, these can be in architectural harmony with about every room decoration. The specially designed wall mounting system makes it incredibly easy to exchange between AURUS-family members. With the 100% massive glass front plates they are easy to clean and from design point of view as pure as possible.

The AURUS-family panels are mounted on a single wall box and can always be exchanged with each other. If you change your mind or change rooms, your favourite AURUS panels can be exchanged in seconds.

*Sizes: 9x9 and 14x9 (cm)*

*Color codes [xx] | BL: Black, AU: Gold,*

*LG: Aluminium, WH: White*





### AURUS-OLED | Eight button glass design

It features a high contrast white OLED display, eight buttons with white LED feedback, soft night-lighting, built-in IR receiver for remote control and a buzzer for acoustic feedback. All AURUS-OLED have a built-in temperature sensor for room temperature control. The OLED-display adds an icon and/or small text to every button to easily recognise the configured function behind it.

The AURUS-OLED contains four pages. One main page and 3 extra pages, predefined as temperature control page, audio page and extra functions page. The configuration, like on all TELETASK touch panels and screens, can be changed in an easy way according to your wishes.

*Order reference | TDS12022xx*



### AURUS-TFT | Touch screen glass design

With the AURUS-TFT touch panel every function of the TELETASK system can be managed. Limits are hard to find. Although compact, the user-friendly menu system makes control simple and powerful. It uses carefully designed TELETASK easy-to-recognize symbols for the selection of lights, curtains, heating/cooling, energy monitoring, sensor graphics, scenes, audio, cameras, etc... Within a few clicks you can control about every light or other devices in your house. As an optional the AURUS-TFT 4.3 can be combined with a wireless DECT phone making it a full featured indoor video door phone device (over IP).

*Order reference | TDS12064xx*



# LATUS

## LATUS | Sixteen button touch panel

LATUS touch window with slide-in custom printable legend (with text and pictograms). The label can be printed in colour on any printer. 16 buttons with WHITE LED feedback, night lighting, built-in IR receiver for remote control and built-in acoustical feedback. Highly customizable, easy to use and best price/performance ratio.

*Order reference | TDS12001*

## LATUS-LCD | All-round specialist for central control

Touch window with back mounted custom printable legend with text and pictogram + LCD display with white display backlighting and WHITE feedback LEDs.

This touch panel is very user friendly, due to the printed information and pictogram. It is also specially suited for rooms with multi-room audio control and temperature control.

*Order reference | TDS12015*

## LATUS FRONT PLATES | The finishing touch

All devices of the LATUS family are compatible with any of these front plates. The same way you can easily customize the label of the LATUS, you can choose the most compatible front plate.

*Order reference | TDS90301xx*

*Color codes [xx] | BL: Black, AU: Gold, MT: Aluminium,  
PN: Grey, WH: White*





# MAIOR

## MAIOR | Wall touch screen



EN The MAIOR 10", 15" and 19" wall touch screens are the perfect mix of total control and exclusive design. They run TELETASK GUI+ software, providing all Home Automation features available, including VoIP door phone microphone and speaker (built-in). Silent operation and long life are due to the 100% solid state electronics.

*Order reference | TDS 12051 (10")*

*TDS 12052 (15")*

*TDS 12053 (19")*

# Remote

## REMOTE CONTROLS | Mini & Maxi

IR remote control with all necessary buttons to control any function available on the touch panel or touch window or touch screens you have.

This IR remote control is extremely flat and has a glossy white housing. But there is more than only white. This new TELETASK remote control has powerful multi color control functions on top of the many domotics functionalities.

For a limited number of functions you can also choose the mini remote control.

*Order reference | TDS12501: Mini Remote*

*TDS12502: Maxi Remote*





 **Cambridge Audio**  
**DENON iMERGE**  
 **YAMAHA** artsound  
**BOSE** Russound  
**REVOX NÜVÖ** SONY



# A/V

## INTERFACE | Universal A/V and Learnable IR Interface

TELETASK offers easy integration with RS232 controlled audio/video systems. Typical application for this interface is the integration of the TELETASK Home Automation system with multi-room/multi-source (MR) systems like Russound, Nuvo and many others.

By using this interface, an in-deep Home Automation integration is realized. Audio/video control is possible from every TELETASK user interface (buttons, panels, touch screens, remote control, PC, mobile devices, iPhone, iPad...).

*Order reference | TDS14042: Universal RS232 A/V Interface*

# Access

## ACCESS CONTROL | Safety and comfort

Integrated access control offers you the ultimate comfort. The TELETASK access control system uses only the highest safety standards of access control. Due to the integration, "access" becomes one with your other home automation functions. You want an SMS when the kids or the cleaning lady arrives? TELETASK will do so immediately.

The TELETASK chip cards and key tags can not be copied. When lost, they can be easily deleted from the system.

*Order reference | TDS12142: Proximity Reader,*  
*TDS12202: Proximity Card,*  
*TDS12203: Proximity Key*



# GUI+

## GUI+ | For PC

TELETASK 'GUI+' makes your world look different. From a small 10" up to the largest wall mounted touch screen, you are able to control your environment based on a customized floor plan. TDS15105 is a software license to be run on almost any PC compatible platform, from a standard PC (mouse control) to the most exclusive touch screen mounted in the wall of your dining room, home office, home theatre or any other place.

Based on custom designed ground floors, the touch screen will show you all functionalities available in your house.

Extra on-screen information is always available. Weather and traffic information, local or remote cameras, all on the TELETASK GUI+ screen.

You can have GUI+ in house, but also outdoor on a remote site. Wherever you are in the world.

Interested in the energy behaviour of your project? GUI+ gives line charts off all your temperature, humidity, CO2 sensors, energy metering, etc.

*Order reference | TDS15105*



# iSGUI

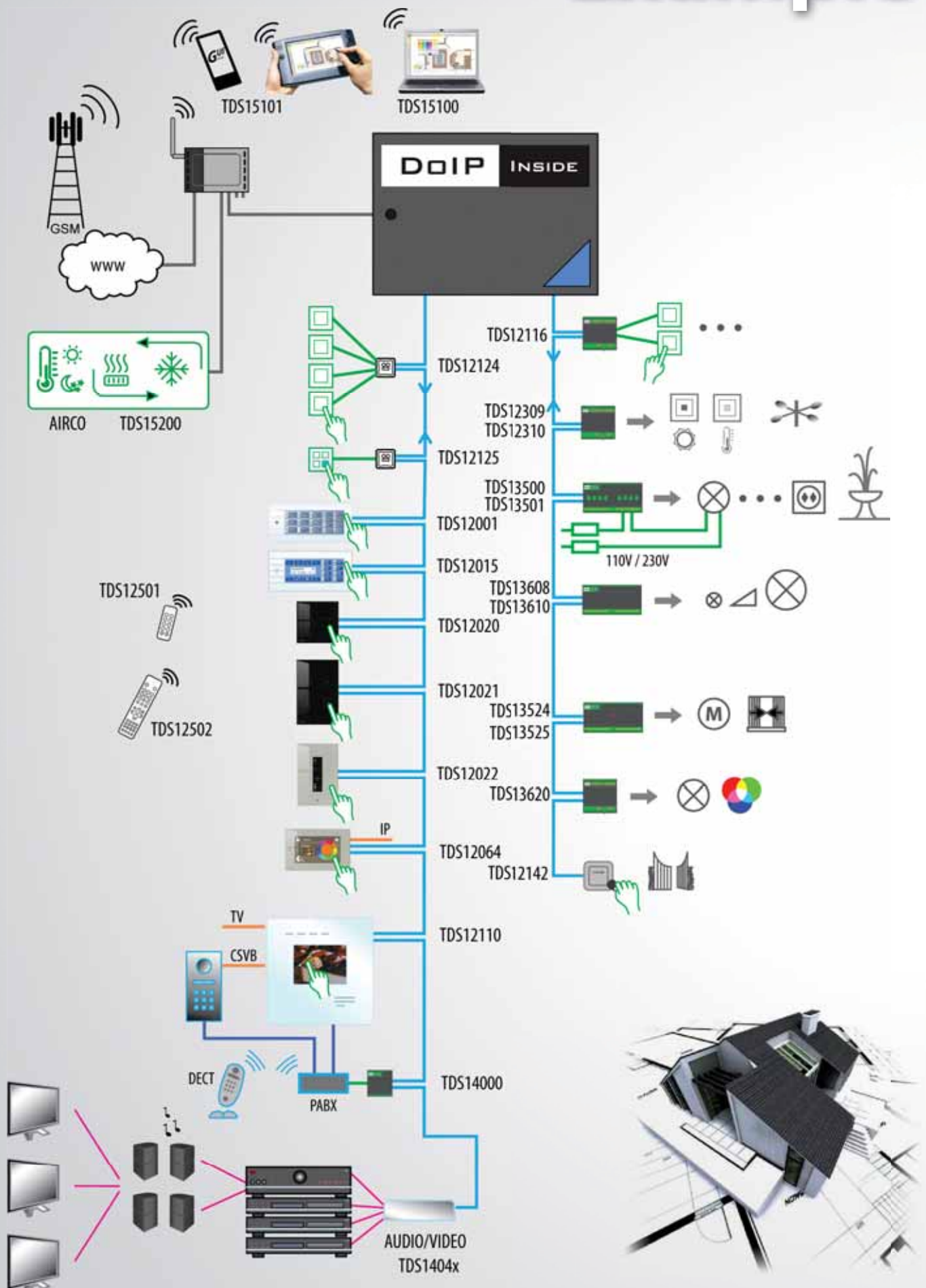
## iSGUI | For Smart Phones and iPad

Whether you are at home, around the corner or anywhere on the globe, you can get in touch with your house or apartment and instantly monitor and control any device from your iPhone, iPod, iPad, Windows Mobile Phone or Android Phone. The only thing you need is a Smartphone and a data connection (Wi-Fi, GPRS, Edge, 3G, HSDPA...).

Left the door keys inside? Want to take a look on the drive way camera from your office? Open the door for the cleaning lady when she arrives at your home? The live connection to your cameras is a real bonus and it will bring you peace of mind when away.

*Order reference | TDS15101*

# Example





# Interfaces

## TELETASK | Modular

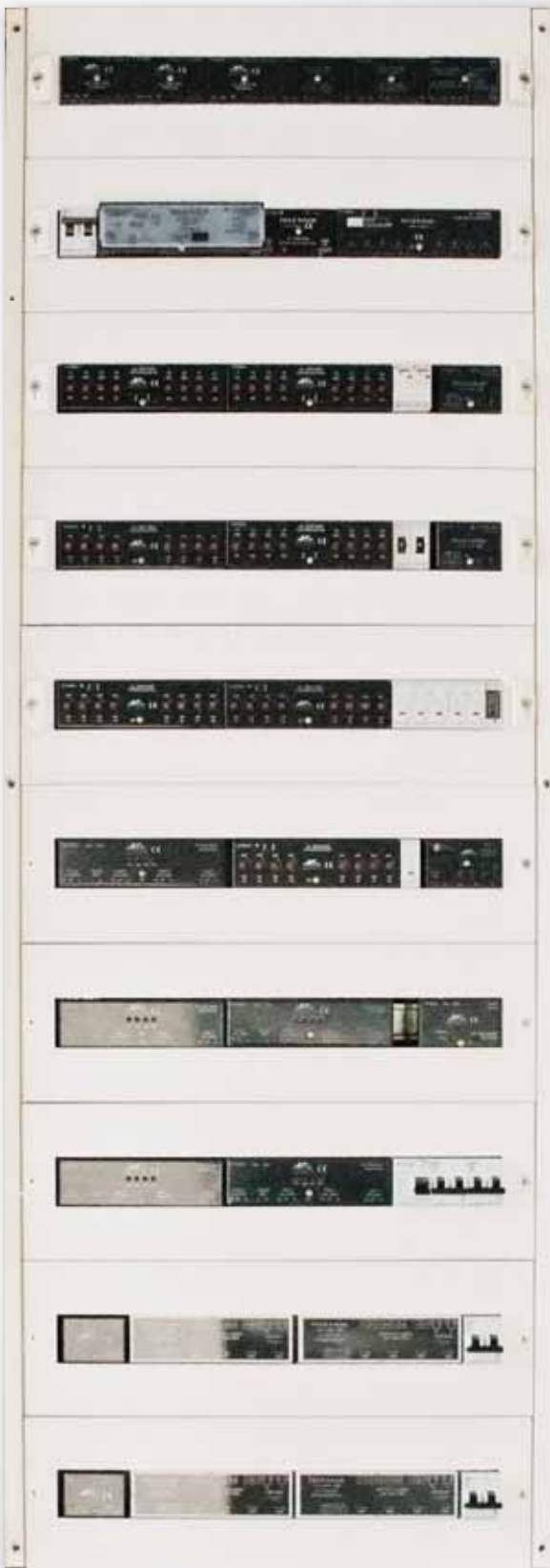
A special added value of the TELETASK domotics system is the modular architecture. This approach makes it adaptable to the needs and wishes of a loving couple, a family up to active seniors.

In this way our customers are able to start with the minimal control and integration of lighting and heating/cooling at a budget-friendly level. When your functional, economical and aesthetic needs change or grow, you can always extend your TELETASK Home Automation system with new functional interfaces, design panels, multi media touch screens, etc...

Besides the visible user interfaces TELETASK also has an extended number of technical interfaces. These interfaces make a bridge between the domotics functions and the electrical actuators and appliances in your house.

There are technical interfaces for the integration of dimmers, shutters, heating/cooling, audio/video, gates and doors, cameras, door phone systems, water and gas supply, water sensors, rain/wind sensors and many other functions. Together with your experienced architect and the TELETASK system integrator you can define your needs.

All technical components can be centralised or decentralised and are connected to each other using the high speed AUTOBUS and IP standards. This is your guarantee of a fast, flexible and reliable solution.



# Interfaces

## TELETASK | Technical Interfaces



**MICROS+ | TDS10012**  
Domotics Over IP central unit with build-in inputs and outputs.



**NANOS | TDS10200**  
Domotics Over IP central unit fit for DIN-rail mounting.



**AUTOBUS Extension | TDS10202**  
Extends a Central Unit with two extra AUTOBUS connections.



**Digital Input | TDS12116**  
16 voltage free digital inputs.



**Digital Input | TDS12124**  
Miniature digital input, called 'COOKIE', with 4 inputs.



**Digital Input | TDS12125**  
Miniature digital input, with 4 inputs and feedback.



**Analog Input | TDS12309**  
8 analog TELETASK inputs (Temperature, light, humidity).



**Analog Input | TDS12310**  
8 universal analog inputs. For any TELETASK or other sensor.



**MODBUS | BACNET**  
Integration between TELETASK and AIRZONE HVAC Systems.



**RELAYS | TDS13500**  
Eight single pole power contacts with manual control (16A).



**RELAYS | TDS13502**  
Eight single pole power contacts (10A).



**AC MOTOR | TDS13524**  
AC Motor interface, to control low power AC motors (4x350W/6A).



**DC MOTOR | TDS13525**  
DC Motor interface, to control low power DC motors (4x12-24V/2A).



**DALI/DSI/DMX | TDS13620**  
64 DALI or 1 DSI or 32 DMX outputs, specially usefull to control light groups or RGB multi-color lights.



**DIMMER | TDS13608**  
8 Dimmer outputs. 8x 0-10V.



**Fluorescent DIMMER | TDS13610**  
8 Fluorescent dimmer outputs. 8 x 1-10V.



**DIMMER | TDS13204**  
Dimmer unit, 4 channels (max. 2200VA/channel).



**DIMMER | TDS13212**  
Dimmer unit, 12 channels (max. 2200VA/channel).



**DIMMER | TDS13221**  
Power dimmer unit, 1 channel (max. 500VA/channel).



**DIMMER | TDS13224**  
Power dimmer unit, 4 channels (max. 500VA/channel).





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