


The all-in-one residential network

## **Delta 8**

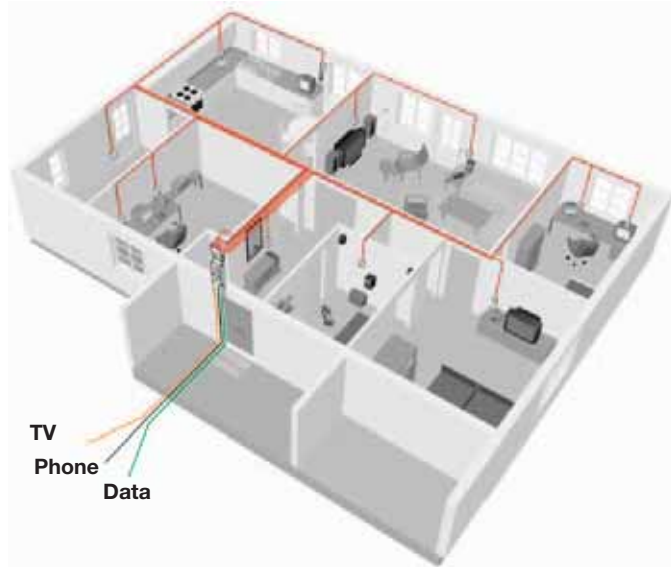
*Access to TV, radio, phone and data  
in every room*



**Schneider**  
 **Electric**

# Delta 8

This is how it works



Delta 8 is an all-in-one VDI solution – delivering Voice, Data and Image signals via one single cable, to every outlet in the home.



### The ease of a "Plug-and Play" solution

Once the core unit has been connected to the incoming phone, TV and data cables – all those signals are permanently transmitted to all outlets, in all rooms. Simply connect radios, TV sets, phones, fax machines and computers – using the correct lead.



### The functional and discreet design

Thanks to its small size and good-looking design, the core unit will easily blend in with the home. A range of mounting options include housing within a DIN rail enclosure or with the use of supplied side clips wall or shelf mounting.

## The core unit



This is where the incoming phone, TV and data cables are connected. The VDI signals are then permanently transmitted to all telecommunications out-lets in all rooms, through one single cable. The core unit also acts as an amplifier for radio and television signals. All VDI signals are distributed via a single link, using RJ45 connector systems and the Delta 8 twisted-pair cable.

Since every core unit has 8 links, and the cable carries 3 services, the system (with just one box) is equivalent in functionalities to 24 phone, TV and data outlets.



### **Easy to install and set up**

Insulation displacement contacts (IDCs) with easy, fast connection using the universal connector tool. Switches for selecting which of the two phone lines to route to each link. The system is easy to adjust with the test kit; simply check the amplification level and the overall signal level.



### **Scalability – easy to upgrade and expand**

Delta 8 has open interfaces to existing and future applications. It supports wireless, voice over IP, digital video, etc. For another eight outlets, simply add one more Delta 8 box and get 8-16-24-32 outlets... just add more Delta 8 boxes.

## Frequently asked questions



### How many telephone lines can I have with the Delta 8?

Two. On the core unit, you select a switch to select which line a certain outlet should use. To select the other line, push the switch back.

### What happens when I need more outlets?

Simply add a second core unit, providing an additional 8 outlets. The incoming telephone services can be daisy chained to the second unit using the stacking cord.

### Isn't the Delta 8 expensive to install?

On the contrary. It is easy to install, and therefore inexpensive. Tool free connector at the outlet and Insulation Displacement Contact (IDCs) at the core unit; make a fast and easy cable termination. With the test kit, it is also easy to adjust; simply check the amplification level and the overall signal level.

## The Delta 8 components

The box package includes power supply (12V) and connection cords for the phone line inputs



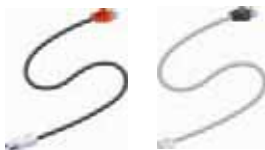
RJ45 jack. Fast termination and fully shielded



Shielded installation cable



R/TV connection cord



Phone connection cord



Data connection cord



Stacking cord

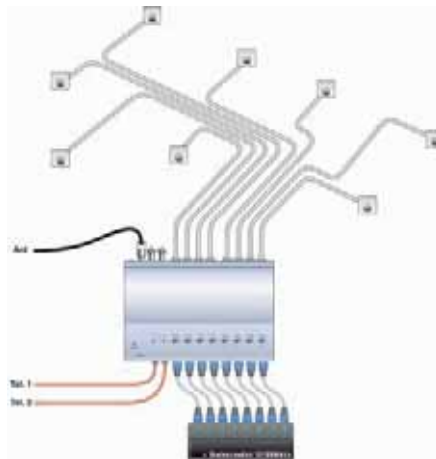
Tool kit with assorted installation tools



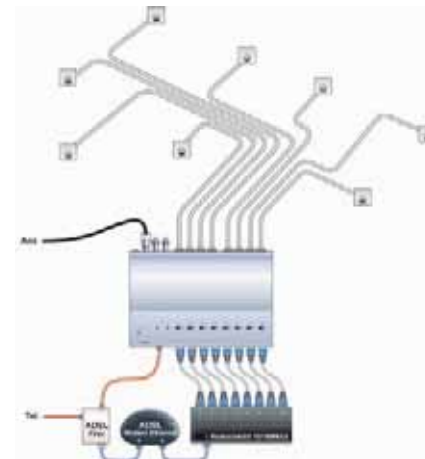
Test kit. A complete system for testing and verification of the installation



## Configuration examples



- TV antenna connection
- or 2 phone lines
- data switch (non supplied)



- ADSL Filter (non supplied)
- ADSL modem/router (non supplied)
- data switch (non supplied)

## A Delta 8 home



...is a home without visible trailing cables, or leads between different rooms enabling access to required services, even after the room usage or layout has changed. Better still, in a Delta 8 home occupants are not restricted to accessing required services in specific rooms only.

Why? Because in a home equipped with Delta 8 there is permanent access to phone, data and TV in every room, from any outlet.

This brings great flexibility to both developers and end users alike.

For the developer it provides a cost effective and easily installed solution that offers a real value added opportunity, giving their properties affordable standout and a real competitive edge with broad consumer appeal.

For the consumer the benefits are immediate. From the moment they move in they can simply access all of their services from any outlet, in the knowledge that they have a future proofed system in place to deliver real flexibility in when and how they use their space.



Nationwide support on one number -  
call the Customer Information Centre on

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Our sales engineers are skilled at assessing individual requirements and combined with the expert support of our product specialists, will develop the most effective and economical answer taking relevant regulations and standards fully into account.

To access the expertise of the Schneider Electric group, please call 0870 608 8 608. Each customer support centre includes facilities for demonstrations and training, and presentation rooms fully equipped with audio visual and video, providing excellent meeting facilities.

#### Merlin Gerin

**Merlin Gerin** is a world leader in the manufacture and supply of high, medium and low voltage products for the distribution, protection, control and management of electrical systems and is focused on the needs of both the commercial and industrial sectors. The newly launched VDI Network Solutions offer provides flexible, configurable ethernet systems for all communication needs.

#### Square D

**Square D** is a total quality organisation and its business is to put electricity to work productively and effectively, protecting people, buildings and equipment. Its low voltage electrical distribution equipment, systems and services are used extensively in residential and commercial applications.

#### Telemecanique

**Telemecanique** is a UK market leader and world expert in automation and control. It provides complete solutions, with its range of components, Modicon range of high technology programmable controllers (PLCs), multiple fieldbus and ethernet communication networks, HMI, motion control systems, variable speed drives and communications software. In addition, it offers power distribution through prefabricated busbar trunking.

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