

Smart home

Smart Home technology will add a new dimension to modern home living and entertaining, whether in one room or multi rooms. You can set and control ceiling, wall and freestanding lamps to many different levels of illumination creating interesting scenes simply at the touch of a button. Our lighting systems allow you to create lighting scenes and ambience in your home or business and gives you complete control from stylish fixed or portable remote wireless controllers.

Clipsal ULTI gives you the luxury of wirelessly controlling any lighting switches with pre-programmed lighting scenes in both residential and commercial settings. Expandable, easy to upgrade and easy to programme, ULTI defines the art of fine lighting.

Delta 8 is the all-in-one residential network system providing access to TV, radio, phone and data in every room. This highly versatile system offers the consumer total flexibility with full access to all services from any Delta 8 outlet.

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Smart wireless lighting system

The GET Smart Wireless Lighting System operates by sending coded wireless signals from controllers to wired-in circuit receiver units. These receiver units in turn control any light fittings that are connected to them. The stylish battery operated controllers can be located in any position around the home. They are available either as a wall controller that can be mounted as a flush switch in the existing 16mm deep wall box, as a surface switch in the supplied surface pattress box or as a remote portable unit. Each controller will enable you to set up to four scenes which can be selected at the push of a button.



Two different types of receiver units are used in the GET Wireless system. Firstly, a floor receiver that is connected in-line to free standing lamps, uplighters or table lamps. The second option, is a ceiling receiver that is wired into the circuit of the lights you are including within the lighting scene. Ceiling lights, wall lights, picture lights all can be controlled, set and dimmed from your wireless lighting controller.

The GET Smart Wireless Lighting System provides a stylish approach to controllable lighting, creating individual atmosphere for todays modern home or business.



Ease of installation

- No new wiring, no damage to decoration
- Easy to install and simple to programme
- System can be extended at any time



Versatility

- Allows control of indoor and outdoor lighting, even in the bathroom
- Locate controllers anywhere



Scene setting

- Create a range of moods for family meals, entertaining or other special occasions



Energy efficiency

- Whole house control from one single controller



Security

- Peace of mind at the touch of a button

Each Floor or Ceiling Receiver has a maximum lighting load of 350W/VA. There is no limitation on the number of Receivers you can include within a lighting scene.

Smart wireless lighting system

Controllers



Code	Description	Qty
GHAWT	Wall Controller including pattress & grid plate (stainless steel)	1



Code	Description	Qty
GHAPT	Remote Controller including wall bracket (stainless steel)	1
GHARWB	Remote Controller spare wall bracket	1



Dimensions: 88 x 88mm
 Mounting box: 16mm SB161(F)
 Fix screws: M3.5 x 25mm & 30mm

- Pattress box supplied for surface mounting in any internal location.
- Wireless transmission signal range up to 30 metres (subject to conditions, see technical pages).
- Includes 2 x CR2032 button cell batteries.
- Can be re-configured as a master controller.
- 433 MHz radio frequencies.
- EN 60950-2000.
- Brushed stainless steel finish front plate (other plate finishes available).

- Includes mounting wall bracket for storage when not in use.
- Wireless transmission signal range up to 30 metres (subject to conditions, see technical pages).
- Includes 2 x CR2032 button cell batteries.
- Can be re-configured as a master controller.
- 433 MHz Radio frequencies.
- EN 60950-2000.
- Brushed stainless steel finish front plate.



Replacement Wall Controller face plates



Code	Description	Qty
GHAFFBN	1 gang Black Nickel	1
GHAFFPN	1 gang Pearl Nickel	1
GHAFFPC	1 gang Polished Chrome	1
GHAFFPB	1 gang Polished Brass	1
GHAFFPW	1 gang White Metal	1
GHAFFPS	1 gang Stainless Steel	1

Dimensions: 88 x 88mm

- Designed to fit on mounting grid supplied with the wall controller.



Code	Description	Qty
GHA2GFBN	2 gang Black Nickel	1
GHA2GFPN	2 gang Pearl Nickel	1
GHA2GFPC	2 gang Polished Chrome	1
GHA2GFPPB	2 gang Polished Brass	1
GHA2GFPPW	2 gang White Metal	1
GHA2GFSS	2 gang Stainless Steel	1

Dimensions: 88 x 148mm

- Use when fitting wall controller to an existing 2 gang box.
- Supplied with new mounting grid.

Receivers



Code	Description	Qty
GHACR	Ceiling Receiver	1

- For use with fixed lighting ceiling and wall lights.
- Load 20W/VA - 350W/VA 230V 50Hz.
- Mains.
- BS EN 60669-2-1-2000.
- Colour coded terminals.



Code	Description	Qty
GHAFR	Floor Receiver including approx 1m cable and plug	1

Code	Description	Qty
GHAFRES	Floor Receiver including approx 1m cable and plug plus 13A socket	1

- For use with table lamps, floor lamps, desk lamps and uplighters.
- Includes 1 metre cable approx and 13 Amp plug fused 5 amps.
- Load 20W/VA - 350W/VA 230V 50Hz.
- Mains.
- BS EN 60669-2-1-2000.
- Colour coded terminals.



ULTI programmable wireless lighting system

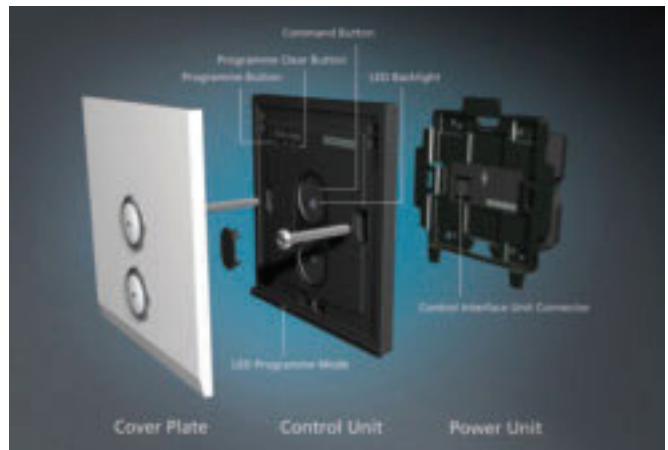
ULTI gives you the freedom to create your own lighting in both residential and commercial settings at the touch of a button, letting you change lighting scenes for every ambience and every event. From dinner parties to executive meetings, you control the scene. Each lighting scene can have an unlimited number of switches and each switch can support up to 8 remote control units for multiple lighting scenes.

ULTI's revolutionary EZinstall technology makes installation quick and simple. Amazing but true, installation has no complex rewiring and can be done in 5 minutes. Simply remove your original switch and replace it with an ULTI switch. ULTI allows retrofitting to fit any existing system and can be changed as your space evolves.

Each ULTI remote control can control any light in your home since all the switches are loaded with our patented wireless receivers. Our radio frequency (RF) technology gives you a seamless integration of all your lighting switches.

Expandable, easy to upgrade and easy to programme, ULTI defines the art of fine lighting. Programming couldn't be easier, just set ULTI to programme mode, adjust your lighting, and save it to memory. Lighting scene changes can be carried out anytime according to your mood and taste.

ULTI is available in a unique range of materials giving you a sensual surface and an artful switch. From classical to minimalist, we have a style to complement your design. From crystal glass, champagne gold, brushed silver and pearl white finishes, we bring art to life in your concept and design.



ULTI programmable wireless lighting system

Switches



Crystal glass

Code	Description	Qty
U201SRV2KW001	1G switch module 2000VA 240V (module only)	1
U202SRV2KW001	2G switch module 2000VA 240V (module only)	1
UC21SW***	1G Switch Cover	1
UC22SW***	2G Switch Cover	1
UAX001	Decor spacer for switches and dimmers (8 & 15mm)	1
UAX004	0.47uF load capacitor	1

100/240V
1 gang = 2000VA
2 gang = 2 x 1000VA
50/60Hz
Mounting box depth: 35mm
Decor spacer should be used where existing box depth insufficient. (transparent grey)
Capacitor for specific lamp types where minimum load requirements are not met.

Dimmer switches



Champagne gold

Code	Description	Qty
U201DST600001	1x600VA Dimmer (Module Only)	1
U202DST600001	2x300VA Dimmer (Module Only)	1
UC21DM***	1G Dimmer Cover plate	1
UC22DM***	2G Dimmer Cover plate	1
UAX001	Decor spacer for switches and dimmers (8 & 15mm)	1

200/240V
1 gang = 600VA
2 gang = 2 x 300VA
50/60Hz
Mounting box depth: 35mm
Decor spacer should be used where existing box depth insufficient. (transparent grey)



Lamp dimmer



Code	Description	Qty
U101DFR400XBL1	400W lamp dimmer set with remote control	1

13A socket with clip on remote
200/240V
50/60 Hz



Note
Replace *** with suffix code to denote cover plate finish:

101	- Brushed silver	302	- Silver hairline
102	- Pearl white	303	- Black mirror
103	- Champagne gold	304	- Black hairline
201	- Crystal glass	306	- Light blue
301	- Silver mirror		

ULTI programmable wireless lighting system

Freelocate switches, remote and repeater



Code	Description	Qty
U105RHH001BPW1	5 key hand held remote 1 control Pearl White	

- 100m range (subject to conditions, see technical pages).



U102RWM001***1	2 key 2 scene Freelocate switch	1
U106RWM001***1	6 key 5 scene Freelocate switch	1
UAX003	Black lockable bracket	1

- Freelocate supplied as complete item
- 100m range (subject to conditions, see technical pages).

Crystal glass



U10XARR001210	RF Repeater pearl white	1
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- Built in RF receiver and transmitter extends RF signal coverage of remote units and Freelocate switches

BS 13A socket
220/240V

Note
Replace *** with suffix code to denote cover plate finish:

XBS	- Brushed silver
XPW	- Pearl white
XCG	- Champagne gold
XGL	- Crystal glass

ULTI programmable wireless lighting system

LED outlets



Crystal glass

Code	Description	Qty
US15A00	1G 13A switched socket amber LED (module only)	1
US15B00	1G 13A switched socket blue LED (module only)	1
UST25A00	2G 13A switched socket amber LED (module only)	1
UST25B00	2G 13A switched socket blue LED (module only)	1
UC15***	1G socket cover	1
UCT25***	2G socket cover	1
US155A00	1G 5A switched socket amber LED (module only)	1
US155B00	1G 5A switched socket blue LED (module only)	1
UC155***	1G 5A socket cover	1
U2015PMDP000	1G 16A DP switch amber/blue LED (module only)	1
UC21DPP***	1G 16A switch cover	1

LED outlets are supplied with amber or blue illumination on the push switch mechanism to co-ordinate with the selectable blue or amber backlight on ULTI switches and dimmers

Communication accessories



Crystal glass

Code	Description	Qty
US31RJ000	1G RJ45 socket (module only)	1
US32TD000	2G RJ45 socket (module only)	1
US31TV000	TV outlet (module only)	1
UC31RJ***	1G RJ45 cover plate	1
UC32TD***	2G RJ45 cover plate	1
UC31TV***	TV outlet cover plate	1

• RJ45 CAT 6



Crystal glass

Note
Replace *** with suffix code to denote cover plate finish:

XBS - Brushed silver
XPW - Pearl white
XCG - Champagne gold
XGL - Crystal glass

Delta 8 home networking system

TV, radio, phone and broadband in every room.

A Delta 8 home is a home without visible trailing cables or leads between different rooms. In a Delta 8 home occupants are not restricted to accessing any service in any room only, as this all-in-one VDI solution delivers Voice, Data and Image signals via one single cable.

All signals are permanently transmitted to all outlets, in all rooms. Simply connect radios, TV's, phones, fax machines and computers – using the correct lead. Alternatively use all 3 services simultaneously in one location using the Triple Play Splitter.

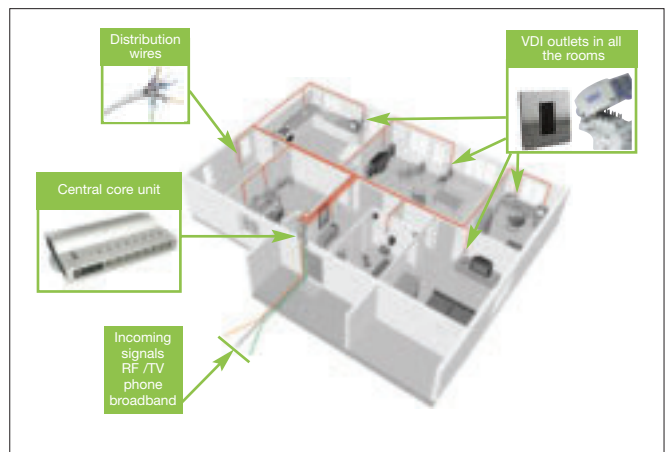


With the added benefit of handling a second phone line, this Delta 8 systems design handles existing and future applications including voice over IP and digital video.

For the developer it provides a cost effective and easily installed solution that offers a real value added opportunity, giving their properties affordable stand out and a real competitive edge with broad consumer appeal. It is easy to install and inexpensive. Tool free connector at the outlet and Insulation Displacement Contact (IDCs) at the core unit for a fast and easy cable termination.

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 how they use their space.

Need more than 8 outlets? Simply add a second or third core unit to gain access to additional points.

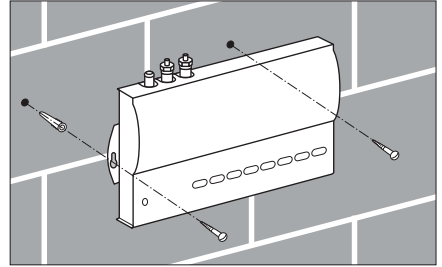


Delta 8 home networking system

Step-by-step installation

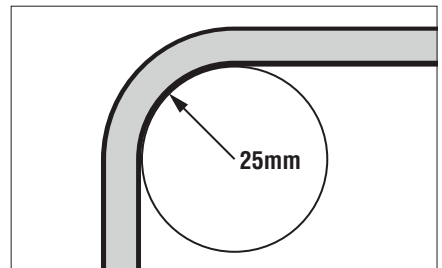
1. Locating and fitting the unit

- Locate as close as possible to telephone master
- Local power is required for Delta 8 unit and router
- Clean dry location is essential
- Wall, cabinet or din rail mountable



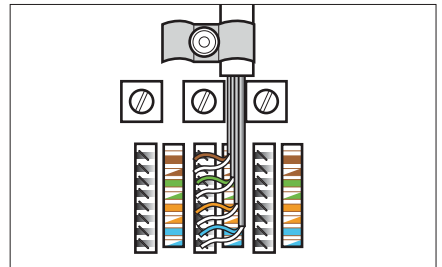
2. Run cables

- Cable runs of 2 to 50 metres
- Cables installed in star configuration
- Segregate from mains power
- Respect the bend radius recommendation



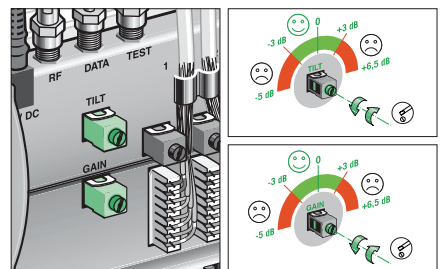
3. Termination and Wiring

- IDC connectors are colour coded to allow easy termination
- RJ45 connectors are colour coded to allow easy termination
- Fasten the cable using double strain relief (for cable shield termination)



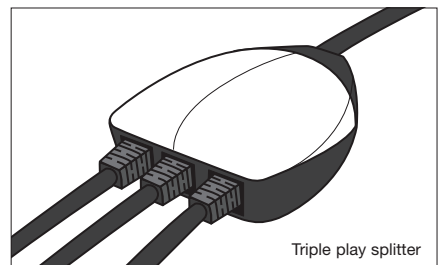
4. Testing and verification

- Wire map, short circuit
- TV aerial strength test
- Utilise dedicated Delta 8 test kit



5. Input and output services

- Input TV, phones, and data services
- Plug in dedicated cable for required service
- Use triple play splitter to simultaneously access all three services from one outlet



Delta 8 home networking system

Core system



Code	Description	Qty
VDI533020	Active central processing unit	1

Distribution of voice, data & image signals

- 2 RJ11 telephone lines
- 8 data ports RJ45 STP
- gain forward -5/ +15dB
- tilt (equaliser): +/- 6db
- input voltage 12 Vdc
- dimension: 300 x 250 x 90 mm
- weight: 500g

Cable



Code	Description	Qty
VDI527005	Cable white box – 120m	1
VDI527004	Cable white drum – 300m	1

Delta 8 installation cable, S/STP

- 4 twisted pairs individually shielded S/STP
- white outer jacket (RAL 9010), LSFROH
- international colour coding

Outlet connector



Code	Description	Qty
VDI552012	Delta 8 STP connector	1

RJ45 jack for Delta 8 terminal outlets

- screened wide band connector STP
- does not require tool for wiring
- international colour coding



GU8450**	Ultimate screwless 1 module Euro plate	1
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Dimensions: 88 x 88mm (1 module)

GU8550**	Ultimate low profile 1 module Euro plate	1
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Dimensions: 88 x 88mm (1 module)

GU8050	Ultimate moulded 1 module Euro plate	1
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Dimensions: 86 x 86mm (1 module)

GEURO1	Exclusive moulded 1 module Euro plate	1
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Dimensions: 86 x 86mm (1 module)



GUE7091*	Delta 8 data outlet module	8
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To order a complete unit requires:

- Delta 8 connector
- Outlet module
- Euro plate

Triple play



Code	Description	Qty
VDI518112	Triple play splitter	1

Enables all 3 services to be used simultaneously from one outlet

1 in RJ45 3 out RJ45 (supplied with input cord)

- flame retardant PVC black cable
- balun in the RJ45 plug

Note
Replace * with suffix code to denote module colour required
W - White B - Black

Note
Replace ** with suffix code to denote plate finish required

SS - Stainless steel
PW - White metal
PN - Pearl nickel
PB - Polished brass

PC - Polished chrome
BN - Black nickel

Delta 8 home networking system

Dedicated cords and accessories



Code	Description	Qty
VDI546031	TV / Radio cord	1

Connection cord between the wall outlet and the TV or Radio equipment

- mixed cord TV/R IEC (male) / RJ45 with superior shielding construction
- flame retardant PVC black cable
- balun in the RJ45 plug
- female IEC adapter included for Radio
- provided in 3 meter length



VDI546035	Data cord, 0.5m	1
VDI546036	Data cord, 1m	1
VDI546037	Data cord, 2m	1
VDI546038	Data cord, 3m	1
VDI546039	Data cord, 5m	1

Connection and patch cord for data application

- 2 pairs straight wiring
- RJ45 to RJ45 screened cord
- PVC grey cable
- overmoulded RJ45 plug

VDI546033	Stacking cord	1
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Stacking cord to daisy chain two Delta 8 units

- mixed cord RJ11 / RJ45 unscreened
- PVC black cable
- overmoulded RJ45 plug
- provided in 1 meter length



LXHSTOOL	Cable jacket stripper	1
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VDI561014	Tool kit	1
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The tool kit provides a small range of tools especially adapted

It includes:-

- 1 cable jacket stripper
- 1 LSA punch down tool
- 1 flat screw driver for gain adjust
- 1 cross screw driver for overall mounting
- 1 wrench key for F-conn



VDI560020	Test kit	1
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A test system to verify the installation work and to enable correct configuration of the installation

- allows the 8 links to be tested
- tests the wire map (continuity and shorts)
- tests cable link length adjustments for TV output level
- powered by Delta 8 core unit