new
media

New Media Plates and Modules

CLiCK®

new
media

new media

Solutions for all manner of media cabling problems

The modern home is now more than a mere home. It doubles up occasionally as a cinema, concert hall, meeting venue and computer room etc.. Each of these functions brings with it its own unique requirements in terms of the provision of necessary services such as telephone or satellite sockets etc.

Even in recent memory designers and builders did not think beyond providing a perfunctory level of electrical switches, sockets and pendant light fittings in a new home.

Nowadays, as well as providing an ever increasing number of these items, provision must be made for the myriad different electrical and electronic products which proliferate our homes.

Traditionally, products such as telephone and TV coaxial sockets etc. have all been supplied built into a standard size wall plate. The environment in today's office and home however requires a number of services to be provided to a specific work station or convenient access point. The most flexible and efficient means of doing this is the use of modules on a multiple aperture plate.

Contents

The NEW MEDIA range illustrated in the following pages encompasses a wide range of media and power modules, providing the designer and installer a host of solutions for all manner of media cabling problems.

New Media Plates

The brief given to our designers charged with the task of developing the NEW MEDIA range was to produce a comprehensive yet flexible and user friendly 'system' which enables the installer to easily create topical media and power cabling solutions.

All of the modules featured in this brochure are of the standard Euro Grid configuration based on 1 aperture modules of 25 x 50mm. Mounting plates are available as wall or floor plates and can accommodate 1 – 16 modules according to requirements.

Instead of numerous unsightly individual sockets, a single NEW MEDIA plate can be used at a convenient point to bring together any combination of media modules. The individual modules are available in black or white finish and are suitable for mounting on blank plates from selected accessory ranges, namely the POLAR and MODE moulded accessory ranges, the CLICK metal clad range plus the DECO, DEFINE and DEFINITY decorative metal ranges.

New Media Plates

8 Module Plate

MP508

The furnished plates illustrated above contain 6 x 1 aperture and 1 x 2 aperture media modules (left) and 4 x 2 aperture 13A socket outlet modules (right).

New Media Modular Plate Range

MP508   Small Media Front Plate (8 Module)

The yoke 'MP510' is required to mount the media modules into prior to assembling the front plate.

For yokes and back boxes see page i8.

Back Box Depth: 47mm   **Cable Size:** Dependant on modules used

Dimensions: 250mm x 87mm x 8mm

These New Media plates are manufactured from stainless steel, available in the following decorative finishes: Antique Brass (AB), Polished Brass (BR), Satin Brass (SB), Polished Chrome (CH), Satin Chrome (SC), Black Nickel (BN), Pearl Nickel (PN), Brushed Stainless (BS), Stainless Steel (SS) and Polar White (PW).

Understanding the code: **MP** - Plate Style **508** - Product No **BN** - Plate Finish.

new media

MP516CH

The furnished plates illustrated above contain 6 x 1 aperture and 1 x 2 aperture media modules (top row) and 4 x 2 aperture socket outlet modules (bottom row).

The yoke 'MP510' is required to mount the media modules prior to assembling the front plate.

New Media Modular Plate Range

MP516   Large Media Front Plate (2 X 8 Module)

For yokes and back boxes see page i8.

Back Box Depth: 47mm **Cable Size:** Dependant on modules used

Dimensions: 250mm x 216mm x 8mm

These New Media plates are manufactured from stainless steel, available in the following decorative finishes: Antique Brass (AB), Polished Brass (BR), Satin Brass (SB), Polished Chrome (CH), Satin Chrome (SC), Black Nickel (BN), Pearl Nickel (PN), Brushed Stainless (BS), Stainless Steel (SS) and Polar White (PW).
Understanding the code: MP - Plate Style **516** - Product No **BN** - Plate Finish.

New Media Plates

New Media Semi-Modular MediaPlate With Twin Media Module Aperture Twin Connection
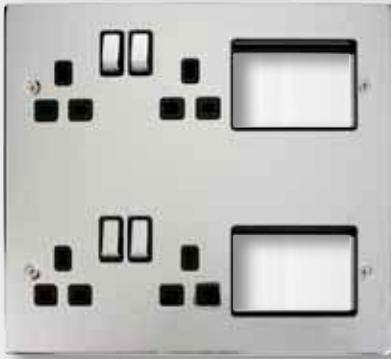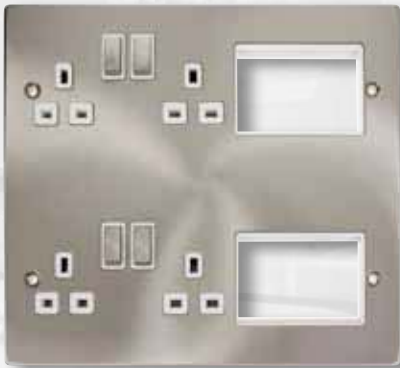
MP606CHBK

MP606SCWH

MP606PW

New Media Plate (Semi-Modular)

MP606CHBK New Media Plate 'Ingot'
MP606SCWH New Media Plate 'Ingot'
MP606PW New Media Plate

Product is supplied with 4 x 13A DP switched sockets.
Back box MP525 required, see following page.

Back Box Depth: 47mm   **Cable Sizes:** 13A 4 x 2.5mm
Dimensions: 250mm x 216mm x 8mm

New Media Plates

Yokes | Back Boxes | Divider Plates
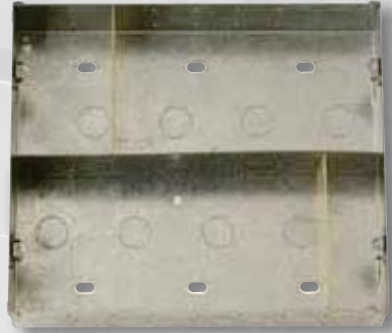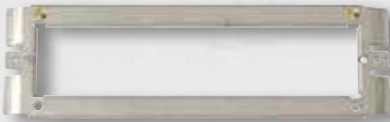
MP525

MP510

MP520

Yoke

MP510   Media Plate Yoke (8 Module)

Back Boxes

MP520   Media Plate 47mm Deep Back Box (8 Module)
               1 Movable Divider Plate Supplied

MP525   Media Plate 47mm Deep Back Box (16 Module)
               2 Movable Divider Plates Supplied

Divider Plates

MP521   (MP520) 47mm Deep Divider Plate (76x44mm)

MP526   (MP525) 47mm Deep Divider Plate (93x44mm)

Galvanised steel back boxes supplied for flush mounting of MEDIA Plates.
Mounting yoke facilitates pre-assembly of required modules.
Fitted with twin earth terminals.
Divider plates can be installed as necessary
in order to screen sensitive modules.

Cutout Sizes: 520: 225mm x 75mm   **525:** 225mm x 194mm

   CLICK   **call:** 01827 63454   **fax:** 01827 63362   **email:** sales@scolmore.com   **visit:** www.scolmore.com

New Media Plates

Unfurnished Media Plates

deco

VPAB310

VPBN311

VPCH312

define®

FPBS310

FPCH311

FPPN312

DECO - Unfurnished New Media Plates

VP310**   1 Gang Plate Single Aperture

VP311**   1 Gang Plate Twin Aperture

VP312**   2 Gang Plate Quad Aperture

**DECO blank mounting plates are available in Antique Brass (AB), Polished Brass (BR), Satin Brass (SB), Polished Chrome (CH), Satin Chrome (SC), Stainless Steel (SS), Black Nickel (BN) and Pearl Nickel (PN). Please add 2 letter prefix to identify required finish i.e. VPCH311 for chrome.

DECO - Unfurnished Georgian Style - Cast Brass

GCBR311   11 Gang Plate Twin Aperture

GCBR312   2 Gang Plate Quad Aperture

DEFINE - Unfurnished New Media Plates

FP310**   1 Gang Plate Single Aperture

FP311**   1 Gang Plate Twin Aperture

FP312**   2 Gang Plate Quad Aperture

**DEFINE products are available in Black Nickel (BN), Brushed Stainless Steel (BS), Polished Chrome (CH), Pearl Nickel (PN) And Stainless Steel (SS) i.e. FPPN312 For Pearl Nickel.

Back Box Depth: 310, 311, 312: Dependant on module used. **MP606:** 47mm **Cable Size:** Dependant on module used
Dimensions: Deco: 1 Gang (88mm x 88mm x 8mm), 2 Gang (146mm x 88mm x 8mm)
Define: 1 Gang (88mm x 88mm x 1.3mm*), 2 Gang (146mm x 88mm x 1.3mm*) *Excluding gasket

definity

SIN310BK

SIN311BK

SIN312BK

SCP310CH

SCP311SS

SCP312BS

DEFINITY - Unfurnished New Media Plates (Inserts)

SIN310BK   1 Gang Plate Single Aperture Insert
SIN311BK   1 Gang Plate Twin Aperture Insert
SIN312BK   2 Gang Plate Quad Aperture Insert

DEFINITY - Unfurnished New Media Plates (Cover Plates)

SCP310   Single Cover Plate Single Aperture Cover Plate
SCP311   Single Cover Plate Twin Aperture Cover Plate
SCP312   Double Cover Plate Quad Aperture Cover Plate

Back Box Depth: Dependant on module used **Cable Size:** Dependant on modules used
Dimensions: 1 Gang (86mm x 86mm x 4mm), 2 Gang (146mm x 86mm x 4mm)

Definity plates are coated stainless steel, they are available in the following finishes: Chrome (CH), Stainless Steel (SS), Brushed Steel (BS), Polar White (PW) and Red (RD). Please refer to page c3 for more information.

New Media Plates

Unfurnished Media Plates

MODE

CMA310

CMA311

CMA312

polar

PRW310

PRW311

PRW312

POLAR - Unfurnished New Media Plates

PRW310	1 Gang Plate Single Aperture
PRW311	1 Gang Plate Twin Aperture
PRW312	2 Gang Plate Quad Aperture

MODE - Unfurnished New Media Plates

CMA310	1 Gang Plate Single Aperture
CMA311	1 Gang Plate Twin Aperture
CMA312	2 Gang Plate Quad Aperture

Back Box Depth: Dependant on module used   **Cable Size:** Dependant on modules used
Dimensions: Mode: 1 Gang (86mm x 86mm x 9.5mm), 2 Gang (146mm x 86mm x 9.5mm)
Polar: 1 Gang (86mm x 86mm x 11mm), 2 Gang (146mm x 86mm x 11mm)

new media

essentials

CL311

CL312
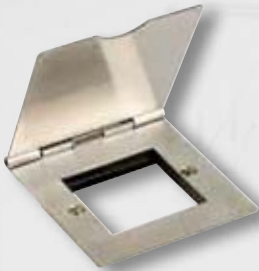
FS311SS
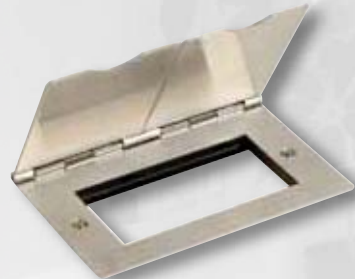
FS312SS

Metal Clad - Unfurnished New Media Plates

CL311	1 Gang Plate Twin Aperture
CL312	2 Gang Plate Quad Aperture

Floor Socket - Unfurnished New Media Plates - Stainless Steel

FS311SS	1 Gang Plate Twin Aperture
FS312SS	2 Gang Plate Quad Aperture

Back Box Depth: CL311/312: 40mm Minimum FS311SS/FS312SS: 35mm Minimum
Dimensions: CL311: 80mm x 80mm x 44mm CL312: 140mm x 80mm x 44mm FS311SS: 86mm x 93mm FS312SS: 146mm x 93mm

New Media
Modules

**The NEW MEDIA Modules offer
a flexible build solution to a host
of individual media transfer
requirements. The clip fit grid
modules are simple to install
in their blank mounting plates.**

New Media Modules

MM405WH MM406BK MM410WH MM415BK MM450WH

MM405 (Back) MM406 (Back) MM410 (Back) MM415 (Back) MM450 (Back)

New Media Modules

MM405WH	Single Satellite (Shielded) - White
MM405BK	Single Satellite (Shielded)- Black
MM406WH	Double Satellite - White
MM406BK	Double Satellite - Black
MM410WH	Single Female IEC (TV) (Shielded) - White
MM410BK	Single Female IEC (TV) (Shielded) - Black

MM415WH	Single Male IEC (FM) (Shielded) - White
MM415BK	Single Male IEC (FM) (Shielded) - Black
MM450WH	Blank - White
MM450BK	Blank - Black

Back Box Depths: 35mm **Dimensions:** 25mm x 50mm

CLiCK **call:** 01827 63454 **fax:** 01827 63362 **email:** sales@scolmore.com **visit:** www.scolmore.com

New Media Modules

new media

MM420BK

MM425WH
/ MM427WH (Unprinted)

MM430BK

MM440WH

MM420
(Back)

MM425
(Back)

MM430
(Back)

MM440
(Back)

New Media Modules (Shielded)

MM420WH	Diplexed TV and Radio - White
MM420BK	Diplexed TV and Radio - Black
MM425WH	Diplexed TV and Satellite - White
MM425BK	Diplexed TV and Satellite - Black
MM427WH	Diplexed TV and Satellite (Un-printed) - White
MM427BK	Diplexed TV and Satellite (Un-printed) - Black

MM430WH	Triplexed TV, Radio and Satellite - White
MM430BK	Triplexed TV, Radio and Satellite - Black
MM440WH	Quad TV, Radio, Sat 1 and Sat 2 - White
MM440BK	Quad TV, Radio, Sat 1 and Sat 2 - Black

All diplexed, triplexed and quad modules require installation of a signal combining distribution amplifier such as the Media Distribution Unit, see page i20.
Not suitable for use in the Republic of Ireland.

Module	Number of inputs	Number of outputs	Signals on input 1	Signals on input 2
MM420	1	2	TV, Radio	
MM425	1	2	TV, Sat 1	
MM427	1	2	TV, Sat / Return	
MM430	1	3	TV, Sat 1, Radio	
MM440	2	4	TV, Sat 1, Radio	Sat 2

Back Box Depths: 47mm **Dimensions:** 50mm x 50mm

New Media Modules

MM460BK	MM465WH	MM470BK	MM480WH	MM485BK

MM460 (Back)	MM465 (Back)	MM470 (Back)	MM480 (Back)	MM485 (Back)

New Media Modules

MM460WH	Telephone Master - White	**MM480WH**	RJ45 Cat-5E Outlet - White
MM460BK	Telephone Master - Black	**MM480BK**	RJ45 Cat-5E Outlet - Black
MM465WH	Telephone Secondary - White	**MM485WH**	RJ45 Cat-6 Outlet - White
MM465BK	Telephone Secondary - Black	**MM485BK**	RJ45 Cat-6 Outlet - Black
MM470WH	RJ11 Outlet - White		
MM470BK	RJ11 Outlet - Black		

All New Media RJ45 modules are non-screened and are suitable for use with either Type A or Type B wiring conventions.

Back Box Depths: 35mm **Dimensions:** 25mm x 50mm

CLiCK®   **call:** 01827 63454 **fax:** 01827 63362 **email:** sales@scolmore.com **visit:** www.scolmore.com

New Media Modules

New Media Modules

MM490BK

MM495WH

MM550WH

MM1000

MM490
(Back)

MM495
(Side)
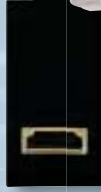
MM501BK

HDMI Outlet with Flexible Connection (80mm Long)

New Media Modules

MM1000BL 230V 1W Modular LED Stairlight - Blue
MM1000CW 230V 1W Modular LED Stairlight - Cool White
MM1000WW 230V 1W Modular LED Stairlight - Warm White

A versatile 50mm x 50mm Euro module LED, which clips into a '311' or '312' New Media plate. Utilises a standard wiring accessory back box.
Please see page i9 for more information on New Media plates.
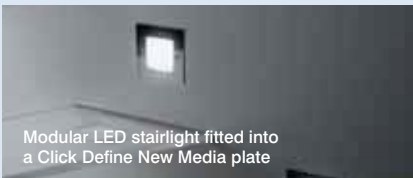
Modular LED stairlight fitted into a Click Define New Media plate

New Media Modules

MM490WH	RCA x 2 Outlet - White
MM490BK	RCA x 2 Outlet - Black
MM495WH	Loudspeaker Outlet x 2 - White
MM495BK	Loudspeaker Outlet x 2 - Black
MM501WH	HDMI 1.4 Outlet + Fly Lead - White
MM501BK	HDMI 1.4 Outlet + Fly Lead - Black
MM550WH	Brush Module - White
MM550BK	Brush Module - Black

MM002BK   MM022WH   MM023BK   MM025WH   MM047BK

MM002 (Back)   MM022 (Back)   MM023 (Back)   MM025 (Back)   MM047 (Back)

New Media Modules

MM002BK	10AX 2 Way NM Switch Module - Black
MM002WH	10AX 2 Way NM Switch Module - White
MM025BK	10AX Intermediate NM Switch Module - Black
MM025WH	10AX Intermediate NM Switch Module - White
MM047WH	13A FCU Module - White
MM047BK	13A FCU Module - Black

20A Double Pole Switch Modules

MM022BK	20A DP NM Switch Module - Black
MM022WH	20A DP NM Switch Module - White

20A Double Pole Switch Modules With Neon

MM023BK	20A DP NM Switch Module + Neon - Black
MM023WH	20A DP NM Switch Module + Neon - White

Neon positioned on top of rocker

Standards: BS EN 60669, **047:** BS 1363
Back Box Depths: 35mm **Cable Size:** 022 / 023: 1x6mm² / 3mm x 2.5mm² **Dimensions:** 25mm x 50mm

New Media Modules

MM010BK

MM020WH

MM030BK

MM033WH

MM038WH

MM510BK

MM510WH

Power Socket Outlets

MM010WH	13A UK Socket Outlet - White	**MM033WH**	15A Round Pin Socket Outlet - White
MM010BK	13A UK Socket Outlet - Black	**MM033BK**	15A Round Pin Socket Outlet - Black
MM020WH	16A European Schuko Socket Outlet - White	**MM038WH**	5A Round Pin Socket Outlet - White
MM020BK	16A European Schuko Socket Outlet - Black	**MM038BK**	5A Round Pin Socket Outlet - Black

Not suitable for use with metal clad boxes CL311 and CL312

MM030WH	15A 125V US Socket Outlet - White	**MM510WH**	1A USB Charging Outlet - White
MM030BK	15A 125V US Socket Outlet - Black	**MM510BK**	1A USB Charging Outlet - Black

Standards: 010: BS 1363, **033 & 038:** BS 546, **030:** UL498, **020:** IEC 60884 - SS428 0834
Back Box Depths: 35mm, **MM020:** 47mm **Cable Size:** 1x6mm² / 3 x 2.5mm² **Dimensions:** 50mm x 50mm

Domestic Distribution Unit MP940

Media Distribution Unit for the Home Environment

- Unit distributes UHF, Radio, Sky/Sky+ and CCTV to the main TV plus outputs for up to two additional Sky receivers

- Controls and distributes main Sky/Sky+ receiver to 6 additional locations

- Conforms to the Sky Homes specification

- Not suitable for use in The Republic of Ireland

Ground Connection
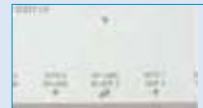
Power On LED (Green)

Dimensions: 260mm x 125mm x 45mm

Input Frequency Range

	MHz
BI/FM Input	47 to 108
BIII/DAB Input	174 to 230
UHF2 (CCTV) Input	470 to 862
UHF1 (TV) Input	470 to 862
SAT 1…4 (Satellite) Input	950 to 2300
Uplink Input	470 to 862
IR Link (R,TV 1…6)	5 to 30

Output Frequency Range

	MHz
Downlink	87.5 to 2300
Uplink Output IR, SAT 2	5 to 30 / 950 to 2300
R/TV 1…6	87.5 to 862
BI/FM/DAB/BII/UHF Outputs (R/TV 7,8)	47 to 23000

Typical Gain

	dB
SAT 1…4, UHF 2 to Downlink	8
FM, DAB to Downlink	10
FM, DAB to R/TV 1…4	6
FM, DAB to R/TV 5…6	10
Uplink to R/TV 1…8	6
IR Link to Uplink/IR 1…4	2
IR Link to Uplink/IR 5…6	0

Supply / Line Power Requirements

Supply Voltage, V DC,	12V / 190-330mA
(from plug top power supply)	
Digital Link Power Supply Outputs	
(R.TV 1…6, Overload protected)	9V / DC @ 20mA
Power On LED (Green)	Yes
DC Power bypass, (for LNB) to SAT 1…4	Max. 300 mA
Automatic Masthead Line Power facility	
(Via Input 2, Overload protected)	12V DC / 50 mA

Connectors

Inputs / Outputs	F Type (female on all ports)
Power Supply input connector	F Type female

Mechanics

R.F Screening	Yes
Access to chassis Earth terminal	Yes

Utilising two co-axial cables to connect the distribution system to the master outlet plate and satellite decoder

Sat 1 Input
TV Input
CCTV Input
DAB Input
FM Input
12V Power Supply
Sat 2 Input
Sat 3 Input
Sat 4 Input

Sat 3 and Sat4 inputs available when a quad LNB is used

Media Distribution Unit

MP940

Sat 1
Sat 2 / Uplink
Sat 3 Output
Sat 4 Output

Sat 3 and Sat4 outputs available when a quad LNB is used

Outputs for up to six televisions. Each output can be used with either a single co-axial socket or the appropriate module to split the signal.

These outputs provide signals from:
1) TV input
2) CCTV input
3) DAB input
4) FM Input
5) Shared signal from master Sky box

A Magic Eye system may be used with these outputs to control the master decoder.

MM440

Sat 1   Sat 2

TV R   adio

Outputs for a stand-alone Sky+ box including signals from:
1) TV input
2) CCTV input
3) DAB input
4) FM input
The shared signal from the master decoder is available at this connection but cannot be used with a "Magic Eye" system and is for viewing only.

MM420

TV   Radio

Module to split audio/visual signals.

TV, CCTV and shared signal from master Sky box are all available through the "TV" connection and are accessed by tuning the television and setting the channels as required.

FM and DAB tuners can be connected to the "Radio" terminal.

Non-Isolated co-axial connector.

TV, CCTV and shared signal from master Sky box are all available through the this connection and are accessed by tuning the television and setting the channels as required.

Master Outlet Plate

MM430

Sat

TV R   adio

MM427

Sat

Co-Axial cable to radio tuner

Co-Axial cable to television

Aerial Input
Dish Input 1
Dish Input 2
RF-out 2
RF-out 1

Standard Sky+ Digital Box

CLICK

call: 01827 63454 **fax:** 01827 63362 **email:** sales@scolmore.com **visit:** www.scolmore.com

new media

Utilising three co-axial cables to connect the distribution system to the master outlet plate and satellite decoder

Sat 2 Input

Sat 1 Input

TV Input

CCTV Input

DAB Input

FM Input

12V Power Supply

Sat 3 Input

Sat 4 Input

Sat 3 and Sat4 inputs available when a quad LNB is used

Media Distribution Unit

MP940

Sat 1

Uplink

Sat 3 Output

Sat 4 Output

Sat 3 and Sat4 outputs available when a quad LNB is used

Outputs for up to six televisions.
Each output can be used with either a single co-axial socket or the appropriate module to split the signal.

These outputs provide signals from:
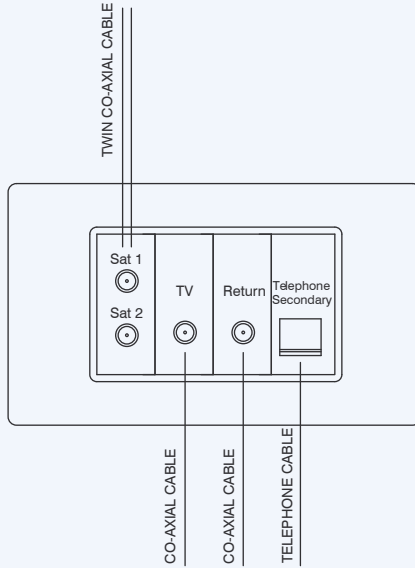1) TV input
2) CCTV input
3) DAB input
4) FM Input
5) Shared signal from master Sky box

A Magic Eye system may be used with these outputs to control the master decoder.

MM440

Sat 1   Sat 2

TV   Radio

Outputs for a stand-alone Sky+ box including signals from:
1) TV input
2) CCTV input
3) DAB input
4) FM input
The shared signal from the master decoder is available at this connection but cannot be used with a "Magic Eye" system and is for viewing only.

MM420

TV   Radio

Module to split audio/visual signals.

TV, CCTV and shared signal from master Sky box are all available through the "TV" connection and are accessed by tuning the television and setting the channels as required.

FM and DAB tuners can be connected to the "Radio" terminal.

Non-Isolated co-axial connector.

TV, CCTV and shared signal from master Sky box are all available through the this connection and are accessed by tuning the television and setting the channels as required.

Master Outlet Plate

MM440   MM415

Sat 1   Sat 2

TV   Radio   Return

Co-Axial cable to radio tuner

Co-Axial cable to television

Aerial Input   Dish Input 1   Dish Input 2   RF-out 2   RF-out 1

Standard Sky+ Digital Box

TWIN CO-AXIAL CABLE

Sat 1
Sat 2
TV
Return
Telephone Secondary

CO-AXIAL CABLE
CO-AXIAL CABLE
TELEPHONE CABLE

Here, the input cables from the satellite dish and the TV aerial are connected directly to the rear of each module.
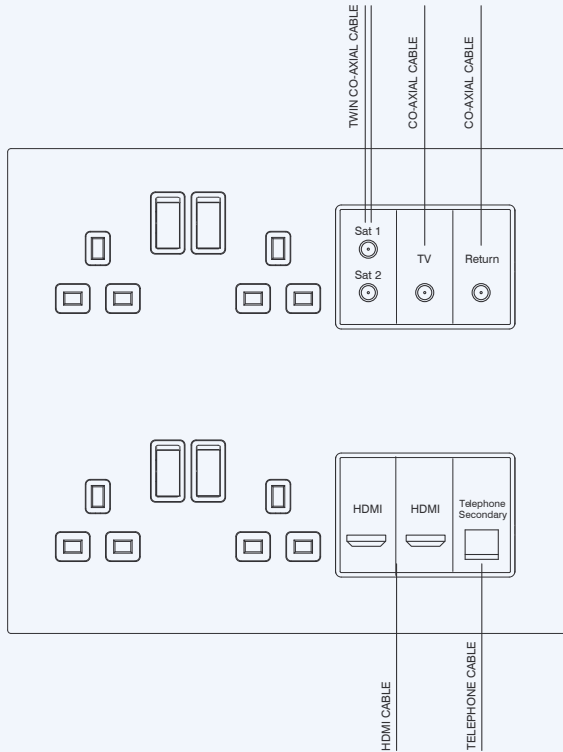
The return module is provided to allow the Sky signal to be shared throughout the property using a suitable distribution amplifier (MP940).

The use of a secondary telephone connection allows for easy connection between the Sky box and the telephone line.

Products used for this configuration:
1x **312 Media Plate
1x MM406 Twin satellite module
1x MM415 Co-axial module
1x MM410 Co-axial module
1x MM465 Telephone secondary module

new media

TWIN CO-AXIAL CABLE

CO-AXIAL CABLE

CO-AXIAL CABLE

Sat 1
Sat 2
TV
Return

HDMI
HDMI
Telephone
Secondary

HDMI CABLE

TELEPHONE CABLE

Here, the input cables from the satellite dish and the TV aerial are connected directly to the rear of each module.

The return module is provided to allow the Sky signal to be shared throughout the property using a suitable distribution amplifier.

The use of a secondary telephone connection allows foreasy connection between the Sky box and the telephone line.

An HDMI module is provided to facilitate a high definition connection between the Sky box and television.

MM405 — Single 'F' Satellite

Connection	Frequency	Insertion Loss (dB) (Typical)
In to out	5 to 2300 MHz	1.6

Power pass to connection

MM410 — Single IEC Female

Connection	Frequency	Insertion Loss (dB) (Typical)
In to out	5 to 862 MHz	0.3

Power pass to connection

MM415 — Single IEC Male

Connection	Frequency	Insertion Loss (dB) (Typical)
In to out	5 to 862 MHz	0.3

Power pass to connection

MM420 — Diplexed TV & Radio

Connection	Frequency	Insertion Loss (dB) (Typical)
In to Radio	87.5 to 230 MHz	2.0
In to TV	47 to 68 MHz	1.5
In to TV	254 to 862 MHz	2.0

Power pass to TV

MM425 — Diplexed TV & Satellite

Connection	Frequency	Insertion Loss (dB) (Typical)
In to TV	47 to 862MHz	2.0
In to Satellite	950 to 2150 MHz	2.5
In to Satellite	2150 to 2400 MHz	3.0

Power pass to satellite

MM427 — Diplexed TV & Satellite (Un-printed)

Connection	Frequency	Insertion Loss (dB) (Typical)
In to TV	47 to 862MHz	2.0
In to Satellite	950 to 2150 MHz	2.5
In to Satellite	2150 to 2400 MHz	3.0

Power pass to satellite

MM430 — Triplexed TV, Radio & Satellite

Connection	Frequency	Insertion Loss (dB) (Typical)
In to Radio	87.5 to 230MHz	3.0
In to TV	47 to 68MHz	2.0
In to TV	254 to 862MHz	2.0
In to Satellite	950 to 2300 MHz	3.0

Power pass to satellite

MM440 — Quad TV, Radio, Satellite 1 & Satellite 2

Connection	Frequency	Insertion Loss (dB) (Typical)
In to Radio	87.5 to 230MHz	3.0
In to TV	470 to 862MHz	2.5
In to Satellite 1	950 to 2300 MHz	3.0
In to Satellite 2	25 to 2400 MHz	1.5

Power pass to satellite 1 & satellite 2