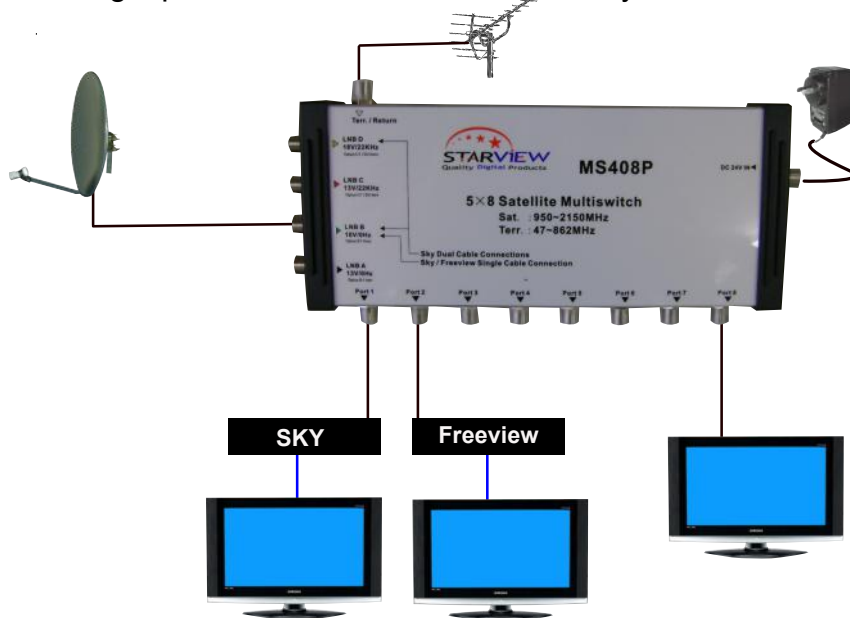


Digital Home Distribution System

Wiring Option 1 : Standard Freeview / Sky Satellite

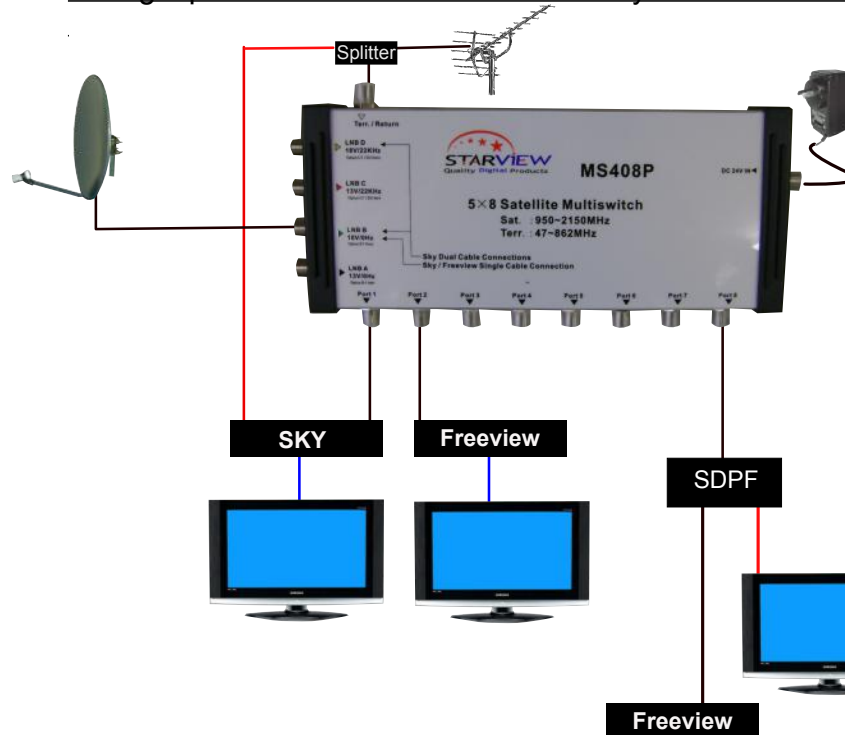


Satellite signal & aerial signal is on each port.

Just connect a satellite receiver to get satellite signal

If you connect a standard analogue TV then you will get just the aerial signal

Wiring Option 2 : Standard Freeview / Sky Satellite With SKY Return



Satellite signal & aerial + return (RF) from Sky decoder signal is on each port.

Just connect a satellite receiver to get satellite signal

If you connect a standard analogue TV then you will get just the aerial and Sky return (RF) signal.

If you need to get Freeview satellite & aerial at the same TV point , then please install a dia-plexer (SDPF) in the line , this will split satellite one way & aerial / return (RF) the other way - this is labeled on the SDPF

For dual cable sky connections please connect the second cable to the YELLOW port on the Multiswitch.

If you have 4 cables running to a sky Quad LNB , then connect all cables to the Multiswitch LNB inputs & all cables to the LNB - it doesn't matter what order as long as all cables are connected at both ends.

If you don't have an aerial , Then just leave the connection empty. Unless you are connecting a return (RF) from Sky or video, then connect directly to the TERR/ Return point - No splitter required.

For Freeview|HD once your aerial is connected every port will contain the Freeview|HD signal just connect to the TV.

If you need satellite at the same port , please use a SDPF as per diagram above.


STARVIEW
Quality Digital Products
www.starview.co.nz

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Developers & Importers of Digital Technology

www.digitalimports.co.nz

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Multiswitch Products



MS406P

5 in 6 out multiswitch with power supply



MS408P

5 in 8 out multiswitch with power supply



MS412P

5 in 12 out multiswitch with power supply



MS416P

5 in 16 out multiswitch with power supply

Item	Specification	TYPICAL	Q.C LIMIT	TYPICAL	Q.C LIMIT	TYPICAL	Q.C LIMIT	TYPICAL	Q.C LIMIT
Frequency response		47~2150MHz		47~2150MHz		47~2150MHz		47~2150MHz	
Inputs		4SAT+1 Terr		4SAT+1 Terr		4SAT+1 Terr		4SAT+1 Terr	
Outputs		8		6		12		16	
Insertion loss	Terr 47~862MHz	0dB	≤1dB	0dB	≤1dB	-2dB	≤0dB	-2dB	≤0dB
	SAT 950~2150MHz	0dB	≤2dB	0dB	≤2dB	0dB	≤2dB	0dB	≤3dB
Isolation	Terr to Sat	20dB	≥18dB	20dB	≥18dB	20dB	≥18dB	20dB	≥18dB
	SAT to Terr	25dB	≥20dB	25dB	≥20dB	25dB	≥20dB	25dB	≥20dB
	Cross polar.H/V	25dB	≥23dB	25dB	≥23dB	25dB	≥23dB	25dB	≥23dB
	OUT-OUT	47~862MHz	28dB	≥23dB	28dB	≥23dB	28dB	≥23dB	28dB
950~2150MHz		30dB	≥24dB	30dB	≥24dB	30dB	≥24dB	30dB	≥24dB
Return Loss	Terr inputs 47~862MHz	13dB	≥10dB	11dB	≥8dB	11dB	≥8dB	11dB	≥8dB
	Terr outputs 47~862MHz	8dB	≥6dB	8dB	≥6dB	8dB	≥6dB	8dB	≥6dB
	SAT Inputs 950~2150MHz	13dB	≥10dB	11dB	≥8dB	11dB	≥8dB	11dB	≥8dB
	SAT Outputs 950~2150MHz	8dB	≥6dB	8dB	≥6dB	8dB	≥6dB	8dB	≥6dB
Output level	SAT (IMA:35dB) EN50083-3	100dBμV	≥92dBμV	100dBμV	≥92dBμV	100dBμV	≥92dBμV	100dBμV	≥92dBμV
	Terr (IMA:60dB) EN50083-5	85dBμV	≥83dBμV	85dBμV	≥83dBμV	85dBμV	≥83dBμV	85dBμV	≥83dBμV
Switching commands		13V,18V,13V/22kHz,18V/22kHz		13V,18V,13V/22kHz,18V/22kHz		13V,18V,13V/22kHz,18V/22kHz		13V,18V,13V/22kHz,18V/22kHz	
Switching voltage		15±1V		15±1V		15±1V		15±1V	
Frequency Range of 22KHz Tone		22±4KHz		22±4KHz		22±4KHz		22±1KHz	
Level of 22KHz Tone		0.75±0.25Vp-p		0.75±0.25Vp-p		0.75±0.25Vp-p		0.75±0.25Vp-p	
External power supply		100-240V,50-60Hz / 24VDC,1000mA		100-240V,50-60Hz / 24VDC,1000mA		100-240V,50-60Hz / 24VDC,1000mA		100-240V,50-60Hz / 24VDC,1000mA	

Starview multiswitches are built to high standards and are built for the least loss on your digital system, all versions requiring power supplies are supplied with a plug pack using the F connector so you can remotely power using coax cable.

When dealing with digital signals always use good quality equipment.



Satellite / Terrestrial Combiner (Di Plexer)

Specifications:

Frequency Range (MHz)	5-862	950-2400
Insertion Loss (dB)	≤3	≤3.5
Isolation (dB)	≥20	≥20

Sold separately