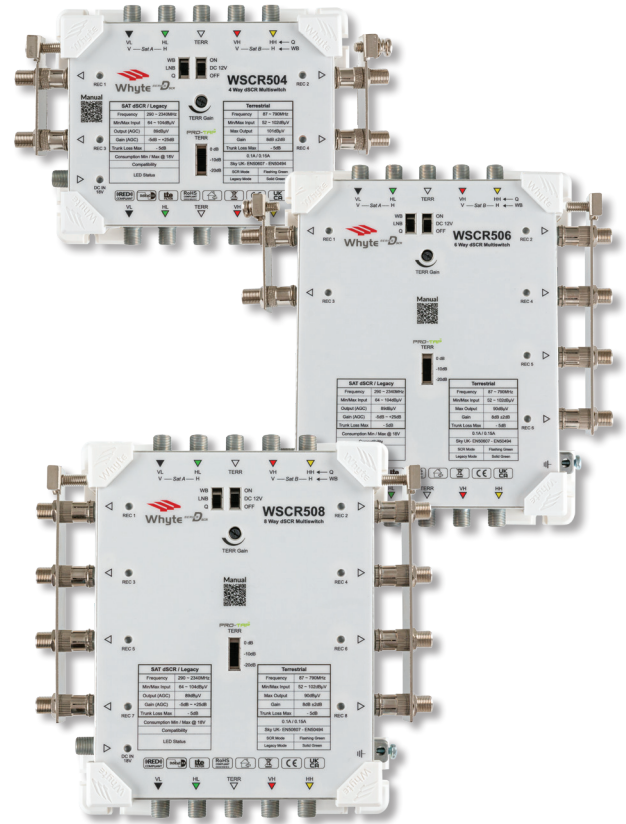


# Series D dSCR Multiswitches

## WSCR504 | WSCR506 | WSCR508



- 4 years warranty
- High Output Power 89dBuV (AGC) Legacy / dSCR for long cable runs
- Extremely low power consumption (Min / Max) 0.1A/0.15A
- Comes complete with Earth Bars fitted
- TERR Gain Control and Pro-Tap Attenuation switch
- Small form factor
- Features Trunk EQ
- Switchable 12V DC to TERR Input
- Uncomplicated DC powering options
- Easy Integration with all Whyte IRS products
- Highly efficient fanless cooling technology
- Compatible with Quattro & WB LNB's
- 2 Sat reception using 2 x WB LNB's



MODEL		WSCR504	WSCR506	WSCR508
Frequency Range	SAT Wideband	290-2340MHz	290-2340MHz	290-2340MHz
	SAT Quattro	950-2150MHz	950-2150MHz	950-2150MHz
	TERR	87-790MHz	87-790MHz	87-790MHz
Dual Satellite Reception	SAT Wideband (2x WB LNB)	YES	YES	YES
Trunk Inputs (F-Type Female)		4 SAT + 1 TERR	4 SAT + 1 TERR	4 SAT + 1 TERR
Trunk Outputs (F-Type Female)		4 SAT + 1 TERR	4 SAT + 1 TERR	4 SAT + 1 TERR
Tap Outputs (F-Type Female)		4	6	8
Gain	SAT	-5dB ~ +25dB (AGC)	-5dB ~ +25dB (AGC)	-5dB ~ +25dB (AGC)
	TERR	8dB±2dB	8dB±2dB	8dB±2dB
Gain Control	SAT	AGC	AGC	AGC
	TERR	15dB	15dB	15dB
Input Levels Min / Max	SAT	64 ~ 104dBµV	64 ~ 104dBµV	64 ~ 104dBµV
	TERR	52 ~ 102dBµV	52 ~ 102dBµV	52 ~ 102dBµV
Trunk Through Loss	SAT	<-5dB	<-5dB	<-5dB
	TERR	<-5dB	<-5dB	<-5dB
Return Loss	SAT Trunk Input / Output	>10dB / >10dB	>10dB / >10dB	>10dB / >10dB
	TERR Trunk Input / Output	>8dB / >8dB	>8dB / >8dB	>8dB / >8dB
	Tap Output	>8dB	>8dB	>8dB
Max Output Level	SAT	89dBµV (AGC)	89dBµV (AGC)	89dBµV (AGC)
	TERR	101dBµV	90dBµV	90dBµV
Protean Tap™ (Attenuation Switch)	TERR	0 / -10 / -20dB	0 / -10 / -20dB	0 / -10 / -20dB
Isolation	Trunk Port to Port	>36dB	>36dB	>36dB
	Tap Port to Port	>43dB	>43dB	>43dB
Trunk DC Pass	SAT (per trunk)	YES (2A Max)	YES (2A Max)	YES (2A Max)
	TERR	NO	NO	NO
Impedance		75Ω	75Ω	75Ω
Compatibility (Auto Switching)	Legacy	Legacy	Legacy	Legacy
	SKY UK dSCR	SKY UK dSCR	SKY UK dSCR	SKY UK dSCR
	EN50607	EN50607	EN50607	EN50607
	EN50494	EN50494	EN50494	EN50494
Switching Commands	Legacy	13/18V / 22kHz / DiSEqC	13/18V / 22kHz / DiSEqC	13/18V / 22kHz / DiSEqC
	dSCR	DiSEqC	DiSEqC	DiSEqC
dSCR/Legacy Mode Indication (per port)		LED (dSCR Flash)	LED (dSCR Flash)	LED (dSCR Flash)
Power Supply Voltage		18V DC	18V DC	18V DC
Powering	Via DC In	YES	YES	YES
	Via SAT Trunks	YES	YES	YES
	Via Apartment	NO	NO	NO
Power Consumption Min / Max @ 18V		0.1A / 0.15A	0.1A / 0.15A	0.1A / 0.15A
Power Indication		LED	LED	LED
Masthead Supply (switchable)	TERR Input Only	12V DC 100mA	12V DC 100mA	12V DC 100mA
Earth Terminal Bars (Tap Outputs)		Fitted	Fitted	Fitted
Earth Lug		Up to 6mm <sup>2</sup> core	Up to 6mm <sup>2</sup> core	Up to 6mm <sup>2</sup> core
Dimensions including Earth Bars W x L x H (mm)		190 x 126 x 43	190 x 190 x 43	190 x 190 x 43
Weight		540g	660g	710g

In the interest of continuous improvement, all specifications of products are subject to change without notice.

# Series D dSCR Multiswitches

## WSCR512 | WSCR516

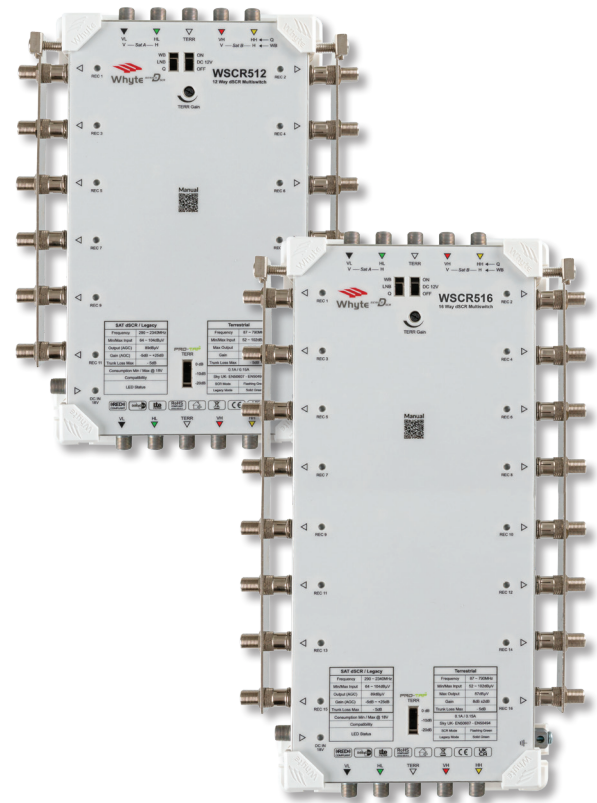


The new 2nd Generation Cascadable dSCR Multiswitch range from Whyte offers substantial enhancements such as higher power output, even lower power consumption, a small form factor and Trunk EQ. The range now boasts 4, 6, 8, 12 and 16-way models. This alongside low loss trunks and high TERR gain make the Whyte Series D range the most versatile and easy to install dSCR Multiswitch available.

Clever cast aluminium housing design means the dSCR Multiswitch can be orientated horizontally without the risk of overheating.

Each subscriber output provides Sky Q, Legacy, TV and Radio services. Satellite subscriber signal levels in both Legacy and dSCR mode are automatically set to 89dBµV via AGC.

Terrestrial signal levels are controlled via a manual Gain Control and a selectable Pro-Tap™ which permits a wide range of TERR input signals levels from 50 to 108dBµV. The reception of 2 satellites can be facilitated with 2 Wideband LNB's when WB mode is selected. The unit can be powered directly via the DC Input Port or be remotely powered via the trunk lines.



MODEL		WSCR512	WSCR516
Frequency Range	SAT Wideband	290-2340MHz	290-2340MHz
	SAT Quattro	950-2150MHz	950-2150MHz
	TERR	87-790MHz	87-790MHz
Dual Satellite Reception	SAT Wideband (2x WB LNB)	YES	YES
Trunk Inputs (F-Type Female)		4 SAT + 1 TERR	4 SAT + 1 TERR
Trunk Outputs (F-Type Female)		4 SAT + 1 TERR	4 SAT + 1 TERR
Tap Outputs (F-Type Female)		12	16
Gain	SAT	-5dB ~ +25dB (AGC)	-5dB ~ +25dB (AGC)
	TERR	8dB±2dB	8dB±2dB
Gain Control	SAT	AGC	AGC
	TERR	15dB	15dB
Input Levels Min / Max	SAT	64 ~ 104dBµV	64 ~ 104dBµV
	TERR	52 ~ 102dBµV	52 ~ 102dBµV
Trunk Through Loss	SAT	<-5dB	<-5dB
	TERR	<-5dB	<-5dB
Return Loss	SAT Trunk Input / Output	>10dB / >10dB	>10dB / >10dB
	TERR Trunk Input / Output	>8dB / >8dB	>8dB / >8dB
	Tap Output	>8dB	>8dB
Max Output Level	SAT	89dBµV (AGC)	89dBµV (AGC)
	TERR	90dBµV	87dBµV
Protean Tap™ (Attenuation Switch)	TERR	0 / -10 / -20dB	0 / -10 / -20dB
Isolation	Trunk Port to Port	>36dB	>36dB
	Tap Port to Port	>43dB	>43dB
Trunk DC Pass	SAT (per trunk)	YES (2A Max)	YES (2A Max)
	TERR	NO	NO
Impedance		75Ω	75Ω
Compatibility (Auto Switching)		Legacy	Legacy
		SKY UK dSCR	SKY UK dSCR
		EN50607	EN50607
		EN50494	EN50494
Switching Commands	Legacy	13/18V / 22kHz / DiSEqC	13/18V / 22kHz / DiSEqC
	dSCR	DiSEqC	DiSEqC
dSCR/Legacy Mode Indication (per port)		LED (dSCR Flash)	LED (dSCR Flash)
Power Supply Voltage		18V DC	18V DC
	Powering	Via DC In	YES
		Via SAT Trunks	YES
	Via Apartment	NO	NO
Power Consumption Min / Max @ 18V		0.1A / 0.15A	0.1A / 0.15A
Power Indication		LED	LED
Masthead Supply (switchable)	TERR Input Only	12V DC 100mA	12V DC 100mA
Earth Terminal Bars (Tap Outputs)		Fitted	Fitted
Earth Lug		Up to 6mm <sup>2</sup> core	Up to 6mm <sup>2</sup> core
Dimensions including Earth Bars W x L x H (mm)		190 x 255 x 43	190 x 318 x 43
Weight		880g	1300g

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