

# Series D dSCR Multiswitches

## WSCR512 | WSCR516

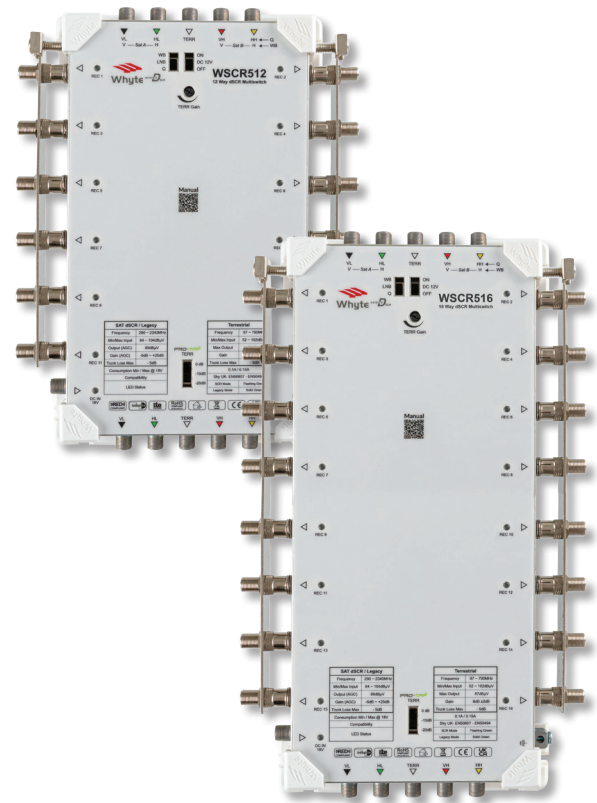


The new 2nd Generation Cascadable dSCR Multiswitch range from Whyte offers substantial enhancements such as higher power output, even lower power consumption, a small form factor and Trunk EQ. The range now boasts 4, 6, 8, 12 and 16-way models. This alongside low loss trunks and high TERR gain make the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