

# 4, 6 & 8 WAY dSCR MULTISWITCHES

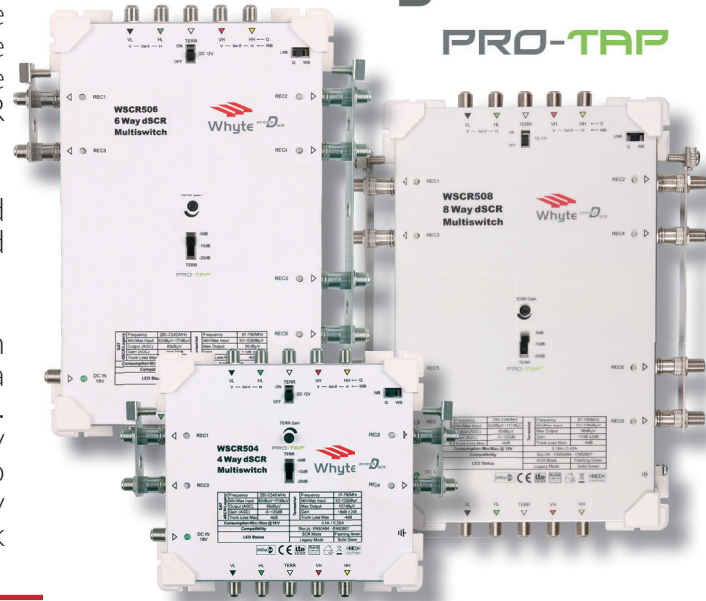
WSCR504 | WSCR506 | WSCR508



Advanced Cascadable 4, 6 & 8 way dSCR Multiswitches. Seamless integration with conventional IRS Systems due to extremely low power consumption, low loss passive trunks and high gain TERR, make the new Series D range from Whyte the most versatile and easy to install dSCR Multiswitch range available.

Each subscriber output provides SkyQ, Legacy, TV and Radio. Satellite subscriber signal levels in both Legacy and dSCR mode are automatically set to 85dBµV.

Terrestrial signal levels are controlled via a manual Gain Control knob and a selectable Protean Tap which permits a wide range of TERR input signal levels from 50 to 108dBµV. The reception of 2 satellites can easily be achieved by utilising 2 Wideband LNB's and switching the unit to Wideband LNB mode. The unit can be powered directly via the DC input port or be remotely powered via the trunk lines.



- 1 Extremely low power consumption eg WSCR504 (Min/ Max) 0.1A/0.28A
- 2 Easy integration with conventional IRS systems
- 3 High Gain TERR with Gain Control and Protean Tap
- 4 Compatible with Quattro and Wideband LNB's
- 5 Comes fitted with Earth Bars
- 6 Switchable 12V DC supply to TERR input
- 7 Quattro LNB for single satellite 5 Wire system or 2 Wideband LNB's for 2 Sat reception
- 8 Balanced dSCR and Legacy output signal levels (AGC) for easy system planning
- 9 Uncomplicated DC powering option

Model		WSCR504 4-Way dSCR	WSCR506 6-Way dSCR	WSCR508 8-Way dSCR
Frequency Range	SAT	290-2340MHz	290-2340MHz	290-2340MHz
	TERR	87-790MHz	87-790MHz	87-790MHz
Quattro/Wideband LNB Switch (2 SAT reception when using 2 x WB LNB's)		Yes	Yes	Yes
Inputs (F Connector)		4 SAT + 1 TERR	4 SAT + 1 TERR	4 SAT + 1 TERR
Trunk Outputs (F Connector)		4 SAT + 1 TERR	4 SAT + 1 TERR	4 SAT + 1 TERR
Tap Output Ports (F Connector)		4	6	8
Trunk Through Loss	SAT	-4dB	-4dB	-4dB
	TERR	-4dB	-4dB	-4dB
Gain	SAT	-5dB~+25dB (AGC)	-5dB~+25dB (AGC)	-5dB~+25dB (AGC)
	TERR	+7dB±2dB	+7dB±2dB	+7dB±2dB
Gain Control	SAT	AGC	AGC	AGC
	TERR	15dB	15dB	15dB
Protean Tap (ATT Switch)		TERR 0/-10/-20dB	TERR 0/-10/-20dB	TERR 0/-10/-20dB
Min/Max Input Signal Level	SAT	62 ~ 117dBµV	62 ~ 117dBµV	62 ~ 117dBµV
	TERR	52 ~ 108 dBµV	52 ~ 108 dBµV	52 ~ 108 dBµV
Max Output Signal Level	SAT (Legacy/dSCR)	85 dBµV (AGC)	85 dBµV (AGC)	85 dBµV (AGC)
	TERR	107 dBµV	107 dBµV	107 dBµV
TERR 12V DC Supply (switchable)		Yes	Yes	Yes
Power Supply Voltage		18V DC	18V DC	18V DC
Powering	Via DC In	Yes	Yes	Yes
	Via SAT trunks	Yes	Yes	Yes
	Via STB	No	No	No
Power from DC In to Input & Output SAT Trunks		Yes	Yes	Yes
Consumption Min / Max @ 18V		0.1A / 0.28A	0.16A / 0.32A	0.16A / 0.42A
Compatibility (Auto Switching)		Legacy Sky UK dSCR EN50494 EN50607	Legacy Sky UK dSCR EN50494 EN50607	Legacy Sky UK dSCR EN50494 EN50607
dSCR User Bands per port		16	16	16
Dimensions (HxWxD)		160x215x43mm	270x215x43	270x215x43
Weight		450g	970g	970g