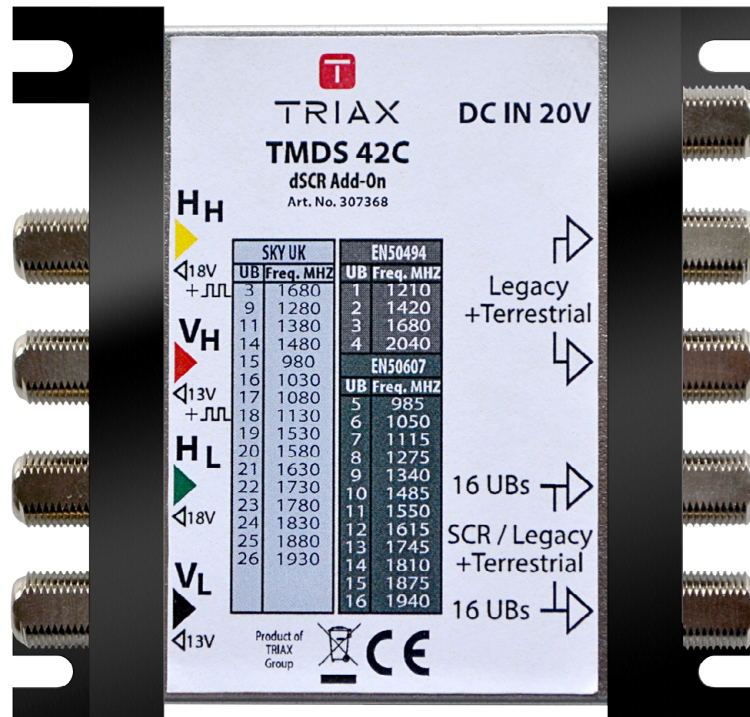




# TRIAx

connecting the future



## Sky Approved dSCR Multiswitch

TMDS 42C - 'Add On' switch For Sky Q in MDU's

Retro fit dSCR 'add on' Multiswitch fits on to existing Multiswitches or Optical Converters. Enables individual apartments within MDU's enjoy the full Sky Q experience.

- Expands existing systems without complex re-balancing
- Provides 2 x Fixed Legacy outputs
- Provides 2 x dSCR or Legacy outputs
- Auto-detection Legacy / dSCR
- Terrestrial, FM, DAB signal path
- AGC
- Product Code 307368



[triax.uk/multiswitches](http://triax.uk/multiswitches)

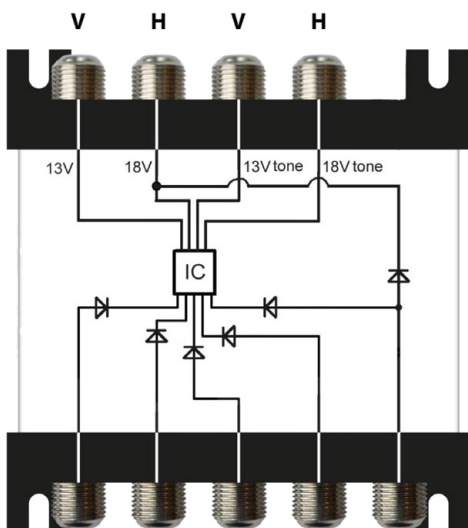


# TRIAx

## TMDS 42C Technical Specification

Inputs	4 1	VL/HL/VH/HH Sat/Terr ports DC port
Outputs	2 2	Legacy only SCR / legacy (auto detection)
Input frequency	Satellite Terrestrial/Cable	950-2150 MHz 5-862 MHz
Output frequency	Satellite Legacy SCR User bands Terrestrial/Cable	950-2150 MHz 950-2150 MHz 5-862 MHz
Number of UserBands	#	16 per SCR output
Channel plan of User Bands	Sky UK, Sky Italia & Sky Germany	
Satellite input power level	dBμV	65 to 95
SCR output level	dBμV	88
Legacy output level		
Legacy only ports	equal to satellite input level	
Legacy/SCR ports	dBμV	87.75
Insertion loss		
Input to Legacy only ports	dB	0 Typical
Satellite input to SCR / Leg	dB	-10 to + 20 (AGC)
Terrestrial in to out	dB	-4 Typ
DC power consumption		
Legacy only ports	W	<2
SCR/Leg ports	W	<4.2
DC power pass		
From STB to input ports	V	13/18/22kHz, 500 mA max
From DC power port to input ports	V	13/18/22kHz, 500 mA max
Optional power adapter	20V / 20W min.	
Dimensions	mm	92x92x40

### DC paths inside the TMDS 42C



Product Code 307368

### SCR DiSEqC User Band versus Frequency Allocations

SKY UK		SKY UK		EN50494	
UB	Freq	UB	Freq	UB	Freq
3	1680	19	1530	1	1210
9	1280	20	1580	2	1420
11	1380	21	1630	3	1680
14	1480	22	1730	4	2040
15	980	23	1780		
16	1030	24	1830		
17	1080	25	1880		
18	1130	26	1930		

[triaux.uk/multiswitches](http://triaux.uk/multiswitches)