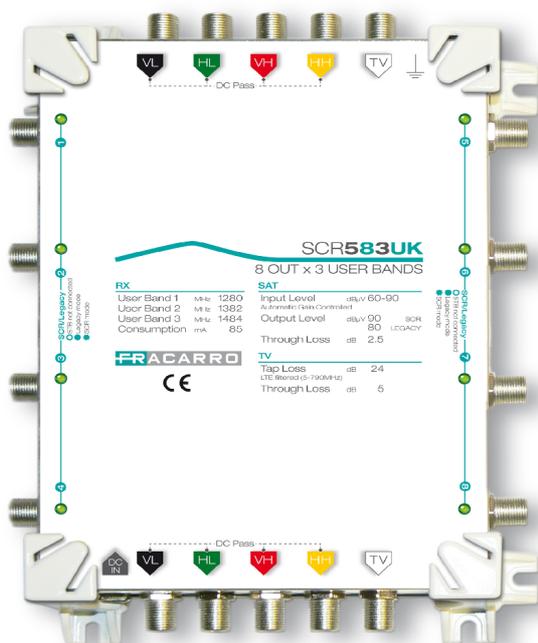


## 5 Input SCR Multiswitch

# SCR583UK



SCR multiswitch with 4 SAT inputs (VL,HL,VH & HH), 1 TV input with LTE filter and 8 output ports which can be used either with a traditional legacy decoder or with 3 SCR decoders on each port; providing SAT and TV signals for up to 24 SCR decoders

This product has Automatic Gain Control (AGC) at the input stage, therefore maintaining a balanced output level even when the input levels fluctuate.

### Main Specifications

- **4 Satellite** inputs
- **1 Passive TV** input with built in **LTE filter**
- **Automatic Gain Control (AGC):** Maintains an adequate output level (90dBuV) even if the input level changes (from **60dBuV to 91dBuV**)
- **Low insertion loss:** Ideal for cascading several SCR multiswitches
- **DC pass on satellite ports:** Maximum compatibility with all other multiswitches
- **Optional power supply:** Useful to supply all the other parts of the satellite installation; the product is entirely supplied by the decoder
- **8 OUTPUTS** with the possibility to serve 8 traditional legacy decoders or **24 SCR decoders** (8 ports x 3 freq. SCR on 8 cables)
- **Auto detection** of the SCR standard used by the decoder; this function enables the substitution of a legacy decoder for one with SCR without any intervention during the installation.
- **Compatible** with old decoders
- **Low consumption** on decoder ports (**85mA**)
- Thanks to the legacy support, the multiswitch can still be used even if no SCR set-top box has been installed. The multiswitch starts up in legacy mode and automatically switches to the SCR mode once an SCR command is received on its output. **This is indicated by a flashing LED on that output.**

		SCR583UK
Fracarro code		287336
<b>Ports</b>		
Inputs		4 SAT + 1 TV
Outputs		4 SAT + 1 TV
Taps		8 (per 8 users legacy or 24 SCR total users)
<b>SAT</b>		
Trunk bandwidth	MHz	950 – 2150
Tap bandwidth	MHz	950 – 2150
AGC range	dBuV	60 – 91
Max. input level	dBuV	91
Output level	dBuV	SCR: 90 Legacy: 80
SCR frequencies	MHz	1280 – 1382 – 1484
Insertion loss	dB	2.5
In/out return loss	dB	>10
Taps return loss	dB	>10
<b>TV</b>		
Trunk bandwidth	MHz	5 – 1000
Taps bandwidth (LTE filtered)	MHz	5 – 790
Max. input level	dBuV	
Gain	dB	-24
Insertion loss	dB	5
In/out return loss	dB	>10
Taps return loss	dB	>10
<b>General Characteristics</b>		
Output isolation		35
Standard	°C	SCR or legacy
Tap consumption	mA	85
Maximum current for LNB	mA	500
Weight (net)	Kg	0.55
Dimensions	mm	202 X 156 X 50
Operating temperature	°C	-10 to 55

Fracarro code	Item	Packaging	Quantity	Dimensions	Total weight
			Pcs	mm	Kg
<b>287336</b>	SCR583UK	Single	1	255 X 240 X 52	0.74
	SCR583UK	Multiple	5	344 X 286 X 245	4.00

Installation example

