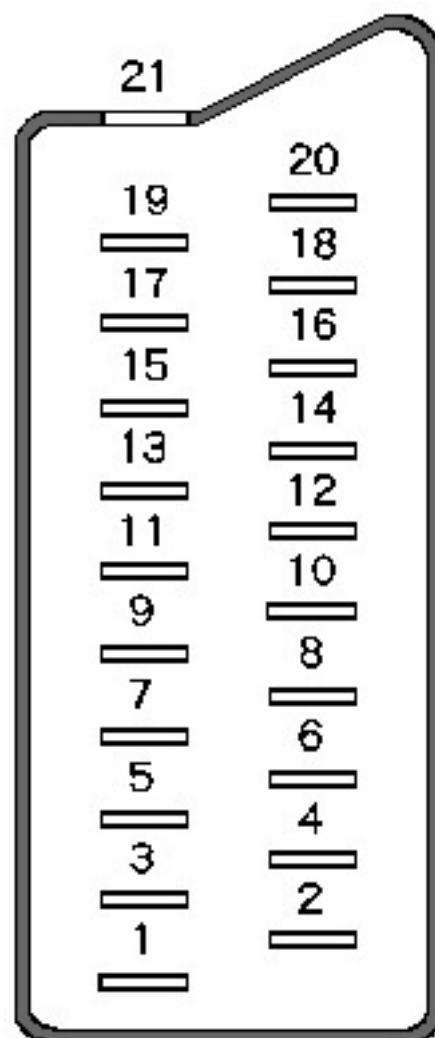


SCART CONNECTOR PINOUT

Table 1

Table 1 was the original and allows for composite video input/output, RGB inputs and stereo audio. Table 2 was added to take S-video (S-VHS and Hi-8) inputs. This made pin 15 chrominance and pin 20 luminance.

Many TV sets have 2 SCART sockets. One is usually like table 1 and the other like table 2, and pin 20 switchable from composite to S-Video luminance. The first can switch from a composite input to RGB input. The second can switch from a composite input to an S-Video input, pin 20 being either composite in or luminance in. Usually the second socket outputs a selectable composite signal on pin 19.



Solder side

Pin	Signal	Level	Impedance
1	Audio Out Right	0.5 V rms	<1k ohm
2	Audio In Right	0.5 V rms	>10k ohm
3	Audio Out Left + Mono	0.5 V rms	<1k ohm
4	Ground Audio	-	--
5	RGB Ground Blue	-	-
6	Audio In Left + Mono	0.5 V rms	<10k ohm
7	RGB Blue In	0.7 V	75 ohm

8	Audio/RGB switch / 16:9	High (9.5-12V) AVmode Low (0-2V) TVmode	<10kohm
9	RGB Ground Green	-	-
10	Comms Data 2	-	-
11	RGB Green In	0.7 V	75 ohm
12	Comms Data 1	-	-
13	RGB Ground Red	-	-
14	Ground Data	-	-
15	RGB Red In / Chrominance	0.7 V (Chrom.: 0.3 V burst)	75 ohm
16	Blanking Signal	High (1-3V) RGB Low (0-0.4V) Composite	75 ohm
17	Ground Composite Video	-	-
18	Ground Blanking Signal	-	-
19	Composite Video Out	1V including sync	75 ohm
20	Composite Video In	1V including sync	75 ohm
21	Ground/Shield (Chassis)	-	-

SCART CONNECTOR PINOUT Table 2

Pin	Signal	Level	Impedance
1	Audio Out Right	0.5 V rms	>1k ohm
2	Audio In Right	0.5 V rms	<10k ohm
3	Audio Out Left + Mono	0.5 V rms	>1k ohm
4	Ground Audio	-	-
5	RGB Ground Blue	-	-
6	Audio In Left + Mono	0.5 V rms	<10k ohm
7	-	-	-
8	Function Select	High (9.5-12V) AVmode Low (0-2V) TVmode	<10kohm
9	RGB Ground Green	-	-
10	Comms Data 2	-	-
11	-	-	-

12	Comms Data 1	-	-
13	Ground (chrominance)	-	-
14	Ground Data	-	-
15	Chrominance input	0.3V	75 ohm
16	-	-	-
17	Ground (luminance)	-	-
18	-	-	-
19	Video output (composite)	1V including sync	75 ohm
20	Luminance input	1V including sync	75 ohm
21	Ground/Shield (Chassis)	-	-

Cable between VCR and TV (Scart)

TV		VCR	
Audio Right Out	1	2	Audio Right In
Audio Right In	2	1	Audio Right Out
Audio Left Out	3	6	Audio Left In
Audio Left In	6	3	Audio Left Out
Audio Ground	4	4	Audio Ground
Red	15	15	Red
Red Ground	13	13	Red Ground
Green	11	11	Green
Green Ground	9	9	Green Ground
Blue	7	7	Blue
Blue Ground	5	5	Blue Ground
Status / 16:9	8	8	Status / 16:9
Reserved	10	10	Reserved
Reserved	12	12	Reserved
Fast Blanking Ground	14	14	Fast Blanking Ground
Fast Blanking	16	16	Fast Blanking
Video Out Ground	17	18	Video In Ground

Video In Ground	18	17	Video Out Ground
Video Out	19	20	Video In
Video In	20	19	Video Out
Ground	21	21	Ground

S-Video Cable for Scart S-Video Input

S-Video Out TV	Scart (Input)	
Luminance Out (Y)	20	Luminance In
Chrominance Out (C)	15	Chrominance In
GND	4+17	GND
Audio Out L	2	Audio In L
Audio Out R	6	Audio In R

Also see - Explaining the Use of the Scart

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