

SCART Video Connections

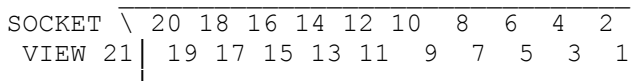
(8 Bit ASCII Graphics use code page 437 or 850) (Updated Aug 06)  
 Not all pins have to be connected. There are different standards....

Type U (universal) - provides connections to all 21 pins.

Type V (video) - provides all connections excluding audio pins (3,1,6,2&4).

Type C ( composite video & audio ) - provides all connections excluding  
 RGB Video & Blanking pins (15,13,11,9,7,5,16&18).

Type A (audio) - provides all connections excluding Video pins  
 (19,20,17,15,13,11,9,7,5,16&18)



Pin	Name	Description	Size of Signal	Impedance
1	AOR	Audio Out Right	0.5V RMS	<1kΩ
2	AIR	Audio In Right	0.5V RMS	>10kΩ
3	AOL	Audio Out Left + Mono	0.5V RMS	<1kΩ
4	AGND	Audio Ground		
5	BGND	RGB Blue Ground		
6	AIL	Audio In Left + Mono	0.5V RMS	>10kΩ
7	B	RGB Blue In	0.7V Pk	75Ω
8	SWTCH	Audio/RGB switch/16:9	0-2V TV / 5-8V AV 4:3 / 9.5-12V AV 16:9	
9	G GND	RGB Green Ground		
10	CLKOUT	Data 2: Clockpulse Out	(Unavailable ??)	
11	G	RGB Green In	0.7V Pk	75Ω
12	DATA	Data 1: Data Out	(Unavailable ??)	
13	R GND	RGB Red Ground		
14	DATAGND	Data Ground		
15	R	RGB Red In/Chrominance	0.7V pk 0.3V burst	75Ω
16	BLNK	Blanking/Comp-RGB	1-3V RGB, 0-0.4V Composite	75Ω
17	VGND	Composite Video Ground		
18	BLNKGND	Blanking Signal Ground		
19	VOUT	Composite Video Out / Lum Y	1V Pk	75Ω
20	VIN	Composite In / Lum Y	1V Pk	75Ω
21	SHIELD	Ground/Shield (Chassis)		

Cables with 1 overall screen only usable @ 50cm MAX length & will suffer some crosstalk.

Some cables have 30Ω lapped screened AF cable for video & give colour problems as the screen is quite in inductive at 4.3MHz, proper full mesh crossed braided screens should be used for all 75Ω signal cables.

"S" input 15+20, crosstalk @ 4.43MHz in log cables causes fine patterning!

WARNING

Some VCRs (expensive JVCs) blow internal pcb fuse if the SWTCH tally wire is shorted to ground! So watch those floating around bare screens inside the SCART plug!

Why Don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP