



## THE DO'S AND DON'TS USING SCAMP UNBALANCED

### OR BALANCED

#### USING SCAMP UNBALANCED

##### Do's

Always connect all neg inputs to ground when in use.

Reason: If you don't do this expect 4dB's of loss in the system.

##### Do's

Always switch Bal/Unbal switch to unbal.

Reason: If you don't do this, expect 6dB of loss in the system.

##### Don'ts

Never connect any neg output to 0v if you have not switched to unbal.

Reason: Causes excessive current consumption through Neg output amp.

#### USING SCAMP BALANCED

##### Do's

Always connect to inputs and outputs in correct phase.

Reason: If you don't do this, expect Phase reversal problems elsewhere in your system.

#### TRANSFORMER

##### Do's

Always refer SCAMP 0v to system earth.

# SRP 60 SCAMP RACK-FRAME NORMAL PIN CONNECTIONS

	Pin No. from top	Color	Function
Top Connector	1	Red	+ Ve in
	2	Yellow	- Ve in
	3	Black	0v
	4		0v
	5		Stereo Link S 05
	6		Stereo Link S 06
	7	White	+ 48v Phantom Supply
	8	Blue	0v Phantom Supply
	9		Stereo Link S 01
Not on Board	10		Refer to Data Sheets through to pin 18.
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
Bottom Connector	19		Output +phase
	20		Output -phase
	21		Chassis Earth
	22		Refer to individual Data Sheets
	23		
	24		Input +phase
	25		Input -phase
	26		Chassis earth
	27		Refer to individual Data Sheets
	28	to 45	

## Input connections

From *balanced*/ floating source: Connect + and - phase as normal.

From *unbalanced* source: Connect - phase to signal earth of source, + phase to signal output of source, earth to chassis earth of source.

## Output Connections

To *balanced*/ floating load: Switch on board to *BAL*, connect + and - phase and chassis earth as normal.

To *unbalanced* load: Switch on board to *UNBAL*. Connect - phase to signal earth of load, earth to chassis earth of load.

N.B. Tracks 34 through 45 should be cut with a track cutter between channels.

SCAMP PIN CONNECTIONS

Pin No. from top		S01	S02	S03	S04	S05/6	S07	S08	S14	S23	S24	S100	F300
1	+Ve In												
2	-Ve In												
3	0v												
4	0v												
5	Stereo Link S05												
6	Stereo Link S06												
7	+48v Phantom Supply												
8	0v Phantom Supply												
9	Stereo Link S01												
10								IN A + Phase	Bright				A OUT
11								IN A - Phase					
12								Chassis Earth					Chassis
13								IN B + Phase	TopR + Phase	Ext Trig +	Aux In		A KEY+
14								IN B - Phase	TopR - Phase	Ext Trig -	Del Only		A Key-
15								Chassis Earth	Chassis Earth	Chassis	Chassis		Chassis
16								OUT 1 + Phase		OUT 2 +			A IN +
17								OUT 1 - Phase		OUT 2 -			A IN -
18								Chassis Earth		Chassis	Del Mod		Chassis
19	Output + phase	X	X	X	X	X	X	OUT 2 + Phase	BotR + Phase	OUT 1 +	X		B OUT X
20	Output - phase	X	X	X	X	X	X	OUT 2 - Phase	BotR - Phase	OUT 1 -	X		X
21	Chassis Earth	X	X	X	X	X	X	Chassis Earth	Chassis Earth	Chassis	X		Chassis X
22	Send		Aux Out					OUT 3 + Phase	TopL + Phase	IN 2 +	1/2 Del Out	B Key +	Key +
23	Return							OUT 3 - Phase	TopL - Phase	IN 2 -	Chassis	B Key -	Key -
24	Chassis		Chassis					Chassis Earth	Chassis Earth	Chassis	Chassis	Chassis	Chassis
25	Input + phase	X	X	X	X	X	X	OUT 4 + Phase	BotL + Phase	IN 1 +	X		B IN + X
26	Input - phase	X	X	X	X	X	X	OUT 4 - Phase	BotL - Phase	IN 1 -	X		B IN - X
27	Chassis Earth	X	X	X	X	X	X	Chassis Earth	Chassis Earth	Chassis	X		Chassis X
28													
29													
30													
31													
32													
33													
34								OUT 5 + Phase					
35								OUT 5 - Phase					
36								Chassis Earth					
37								OUT 6 + Phase					
38								OUT 6 - Phase					
39								Chassis Earth					
40								OUT 7 + Phase					
41								OUT 7 - Phase					
42								Chassis Earth					
43								OUT 8 + Phase					
44								OUT 8 - Phase					
45								Chassis Earth					

NOTE: X marks pins common to all units so marked.