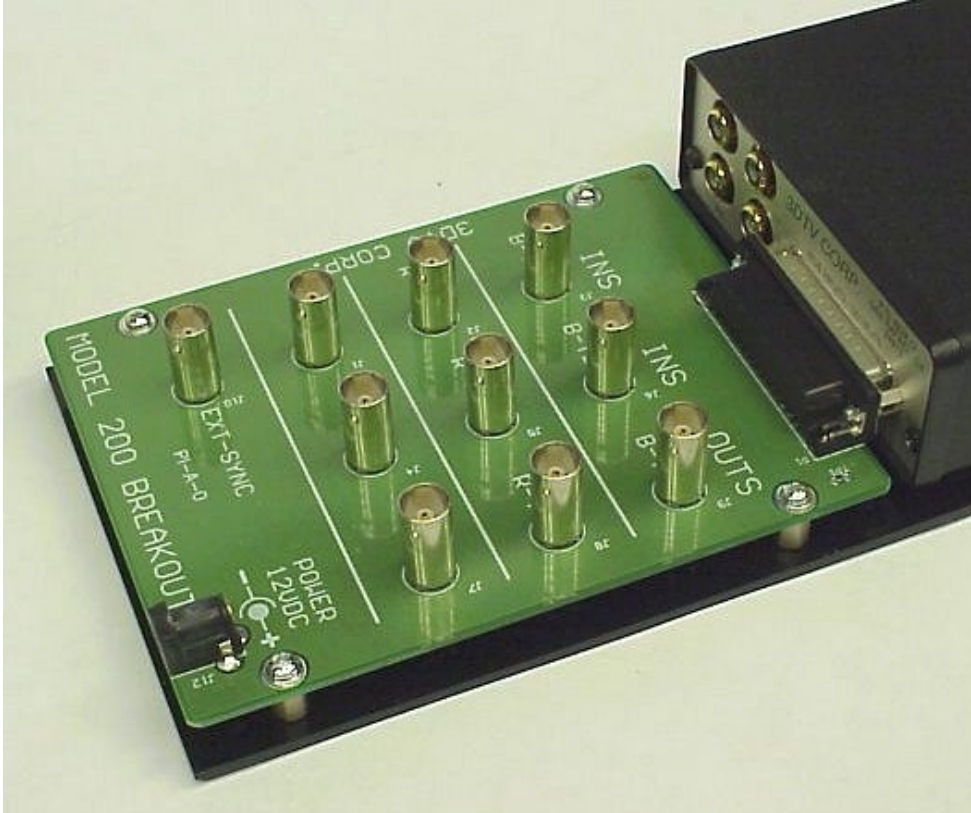


# MODEL 200 BREAKOUT

The MODEL 200 is used to multiplex (combine) dual source video, such as two cameras, into a single output stream. The Model 200 Breakout Panel is for use with component video signals such as RGB. Most other component video formats will also work because all input circuits are equivalent. The Breakout Panel plugs directly into the rear panel of the Model 200 Component Multiplexer via a DB25 connector.



The Breakout Panel has 11 BNC connectors, three for inputs from each of two sources, three for the outputs and two special inputs.

Composite sync is normally detected on Y1, (internally patchable to Y2), and there is a BNC input for EXT SYNC, front panel switch selectable.

When the front panel switch is in AO L/R SELECT, a low logic level input on J11 sends INS-1 (left) to the output, a high logic level input on J11 sends INS-2 (right) to the output.

Model 200 mounted on tray with Breakout Panel:  
12.75" x 4.5" x 1.75"

## BREAKOUT PANEL

### CONNECTOR DESCRIPTIONS

con #	Description	Notes
J1	Y1	Green input 1 / SYNC
J2	R-Y1	Red input 1
J3	B-Y1	Blue input 1
J4	Y2	Green input 2
J5	R-Y2	Red input 2
J6	B-Y2	Blue input 2
J7	YOUT	Green output / SYNC
J8	R-YOUT	Red output
J9	B-YOUT	Blue output
J10	EXT SYNC	Selectable by panel switch
J11	A0	Left/Right Select.
J12	POWER IN	12VDC @ 300mA. CENTER POSITIVE ONLY 2.1mm DC jack, current consumption 180mA
P1	DB-25	For connection to Model 200

Pin #	Description	Note
1 thru 13	GND	All GNDs joined
14	+12 Volts Input	Center POS
15	B-Y OUT	
16	R-Y OUT	
17	Y OUT	
18	A0	Left/Right Select
19	B-Y2	
20	R-Y2	
21	Y2	
22	EXT. SYNC Input	Selected by panel switch
23	B-Y1	
24	R-Y1	
25	Y1	