PROGRAMMABLE VIDEO SPLITTER **RV-8/16PR**

The RV-8/16PR video splitter allows to distribute video signal from eight inputs to sixteen outputs according to configuration set by the user. The RV-8/16PR has the default array set as eight independent video splitters 1/2 (Fig. 1). It is easy to re-program the array using jumpers located on the front panel. There are 22 combinations available. The example four ones are given in the figures. When programming, the table of possible combinations should be employed. The vertical jumpers activate respective inputs and the horizontal ones - connect respective outputs. The splitter is designed for continuous indoor operation. The RV-8/16PR works with any CCTV cameras. The LED informs about power on. Splitters can be connected in series.

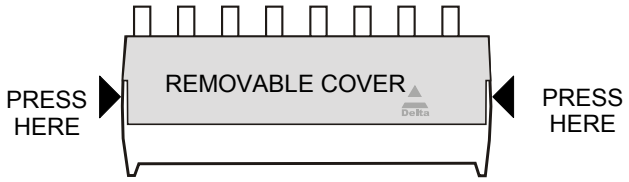
Example:

There is a need for 4 video splitters 1/4 (one input, four outputs). On the left side of the table one can find the line containing required devices: 4 x 1/4 (position LP5). The fields with "1/4" forks show inputs (the upper part of the table) and assigned to them outputs (the lower part of the table). The fields with arrows show which outputs are consigned to the same input seen on the left. In the right part of the table the columns are assigned to the respective jumpers. In the same line there is given information about which jumpers have to be put (+), and which are unused (-). The example is shown in Fig. 2.

After remove the cover you can see the configuration jumpers and wall mounting holes.

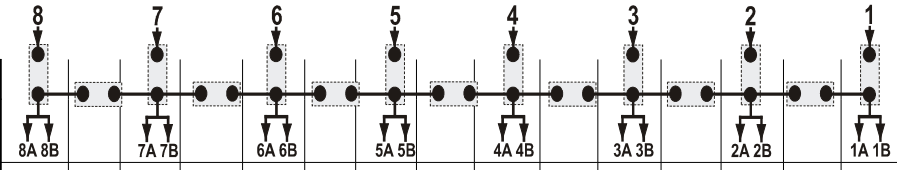
SPECIFICATIONS:

Number of inputs	- 8 BNC
Number of outputs	- 16 BNC
Video bandwidth	- 0 - 40MHz (-3dB)
Inputs impedance	- 75Ω
Outputs impedance	- 75Ω
Power voltage	- 12V DC
Current consumption	- 100mA
Gain	- 0dB
Dimensions	- 213 x 36 x 110mm
Weight	- 347g



To remove the cover press in two spots as is shown at the figure above and pull slowly at right angles to the device.

jumpers (a view from the top of the device after the cover removing)



NUMBER OF SPLITTERS

No.	INPUTS ID 8	7	6	5	4	3	2	1		8		7		6		5		4		3		2		1	
1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	8	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	Fig.1
2	1/2	1/2	1/2	1/2	1/2	1/2	⌐▷	1/4	7	+	-	+	-	+	-	+	-	+	-	+	-	-	+	+	
3	1/2	1/2	1/2	1/2	⌐▷	1/4	⌐▷	1/4	6	+	-	+	-	+	-	+	-	-	+	+	-	-	+	+	
4	1/2	1/2	⌐▷	1/4	⌐▷	1/4	⌐▷	1/4	5	+	-	+	-	-	+	+	-	-	+	+	-	-	+	+	
5	⌐▷	1/4	⌐▷	1/4	⌐▷	1/4	⌐▷	1/4	4	-	+	+	-	-	+	+	-	-	+	+	-	-	+	+	Fig.2
6	1/2	1/2	1/2	1/2	1/2	⌐▷	⌐▷	1/6	6	+	-	+	-	+	-	+	-	+	-	-	+	-	+	+	
7	1/4	1/2	1/2	⌐▷	1/4	⌐▷	⌐▷	1/6	5	+	-	+	-	+	-	-	+	+	-	-	+	-	+	+	
8	1/2	⌐▷	1/4	⌐▷	1/4	⌐▷	⌐▷	1/6	4	+	-	-	+	+	-	-	+	+	-	-	+	-	+	+	
9	1/2	1/2	⌐▷	⌐▷	1/6	⌐▷	⌐▷	1/6	4	+	-	+	-	-	+	-	+	+	-	-	+	-	+	+	
10	⌐▷	1/4	⌐▷	⌐▷	1/6	⌐▷	⌐▷	1/6	3	-	+	+	-	-	+	-	+	+	-	-	+	-	+	+	
11	1/2	1/2	1/2	1/2	⌐▷	⌐▷	⌐▷	1/8	5	+	-	+	-	+	-	+	-	-	+	-	+	-	+	+	
12	1/2	1/2	⌐▷	1/4	⌐▷	⌐▷	⌐▷	1/8	4	+	-	+	-	-	+	+	-	-	+	-	+	-	+	+	
13	⌐▷	1/4	⌐▷	1/4	⌐▷	⌐▷	⌐▷	1/8	3	-	+	+	-	-	+	+	-	-	+	-	+	-	+	+	
14	1/2	⌐▷	⌐▷	1/6	⌐▷	⌐▷	⌐▷	1/8	3	+	-	-	+	-	+	+	-	-	+	-	+	-	+	+	
15	⌐▷	⌐▷	⌐▷	1/8	⌐▷	⌐▷	⌐▷	1/8	2	-	+	-	+	-	+	+	-	-	+	-	+	-	+	+	Fig.3
16	1/2	1/2	1/2	⌐▷	⌐▷	⌐▷	⌐▷	1/10	4	+	-	+	-	+	-	-	+	-	+	-	+	-	+	+	
17	1/2	⌐▷	1/4	⌐▷	⌐▷	⌐▷	⌐▷	1/10	3	+	-	-	+	+	-	-	+	-	+	-	+	-	+	+	
18	⌐▷	⌐▷	1/6	⌐▷	⌐▷	⌐▷	⌐▷	1/10	2	-	+	-	+	+	-	-	+	-	+	-	+	-	+	+	
19	1/2	1/2	⌐▷	⌐▷	⌐▷	⌐▷	⌐▷	1/12	3	+	-	+	-	-	+	-	+	-	+	-	+	-	+	+	
20	⌐▷	1/4	⌐▷	⌐▷	⌐▷	⌐▷	⌐▷	1/12	2	-	+	+	-	-	+	-	+	-	+	-	+	-	+	+	
21	1/2	⌐▷	⌐▷	⌐▷	⌐▷	⌐▷	⌐▷	1/14	2	+	-	-	+	-	+	-	+	-	+	-	+	-	+	+	
22	⌐▷	⌐▷	⌐▷	⌐▷	⌐▷	⌐▷	⌐▷	1/16	1	-	+	-	+	-	+	-	+	-	+	-	+	-	+	+	Fig.4
	8A 8B	7A 7B	6A 6B	5A 5B	4A 4B	3A 3B	2A 2B	1A 1B																	
	OUTPUTS ID																								

- (+) - jumper ON
- (-) - jumper OFF

- ⌐▷ - arrow means that the ouputs are assigned to the identical input from the left side of the table
- 1/2 - splitter type (one inputs, two outputs)

jumper ON

jumper OFF

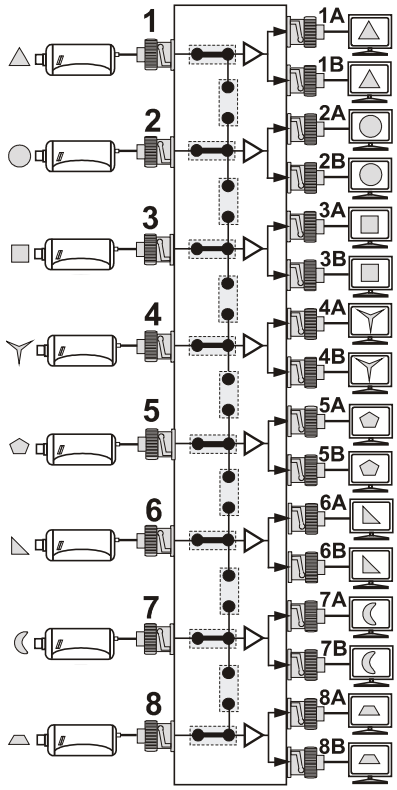


Figure 1 (8 splitters 1/2)

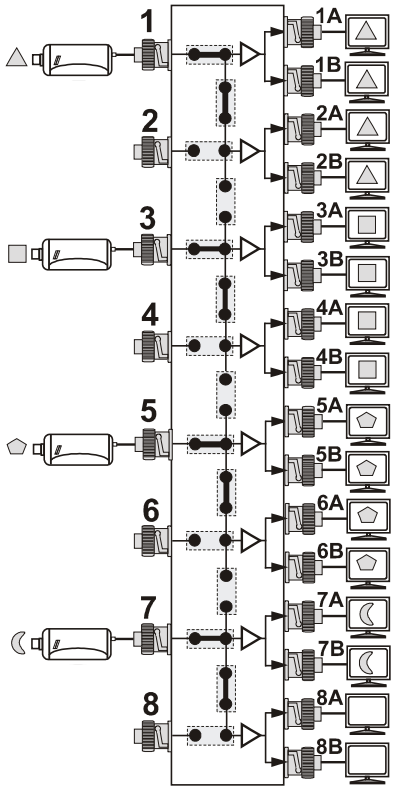


Figure 2 (4 splitters 1/4)

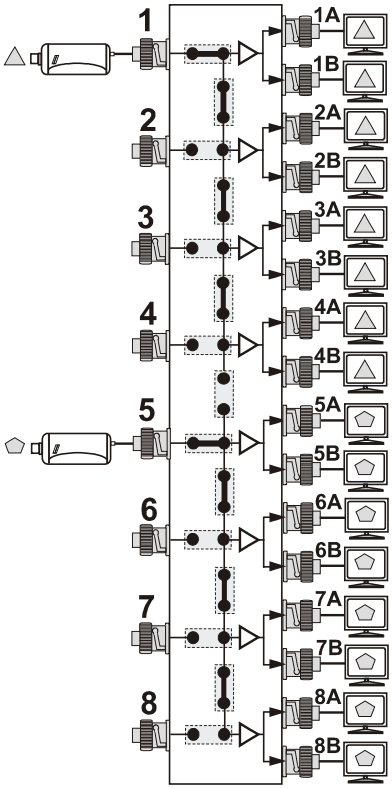


Figure 3 (2 splitters 1/8)

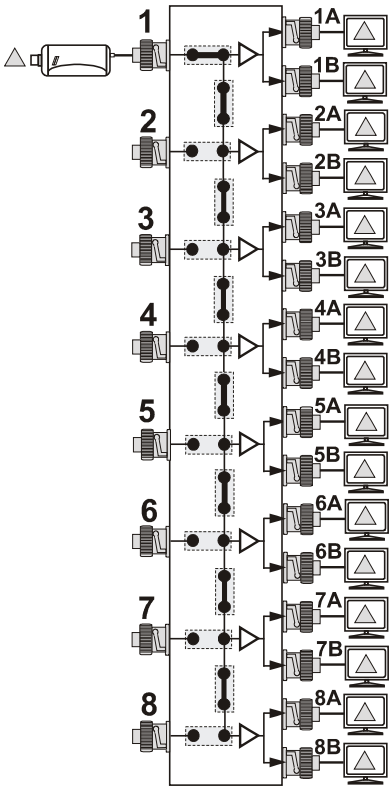


Figure 4 (1 splitter 1/16)

Producer: P.W. "DELTA", ul. Graniczna 10, 60-713 Poznan, Poland, www.delta.poznan.pl