



R V R HC2-2GRL HC-GRL Series Combiners Broadcast Systems User Manual

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**HC-GRL
SERIES
COMBINERS
MODELS
HC2-2GRL HC2-5GRL HC3-3GRL**



- High-gain amplifier with very low input drive power requirement.
- 10% – 100% Output Power continuously adjustable.
- APC Automatic Power Control ensuring reliable operation.

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ORDERING INFORMATION

Model	Description
HC2-2GRL	2.000W 2WAY Hybrid Coupler.
HC2-5GRL	5.000W 2WAY Hybrid Coupler.
HC3-3GRL	3.000W 3WAY Hybrid Coupler.

OPTION	
/EXT24V-HCGRL	External 24V DC input.
/LINEOUT-HCGRL	Line out voltage HC-GRL.



HC2-2GRL

2.000W 2WAY Hybrid Coupler.



<https://www.rvr.it/en/products/components/combinatori-passivi/multicanale/hc2-2grl/>



HC2-5GRL

5.000W 2WAY Hybrid Coupler.



<https://www.rvr.it/en/products/components/combinatori-passivi/multicanale/hc2-5grl/>



HC3-3GRL

3.000W 3WAY Hybrid Coupler.



<https://www.rvr.it/en/products/components/combinatori-passivi/multicanale/hc3-3grl/>

HC2-2GRL	HC2-5 GRL	HC3-3GRL
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Parameters		U.M.	Value			Notes
GENERALS						
Frequency range	M H z	87,5 ÷ 108				
Rated output power	W	2000	5000	3000	Continuously variable by software from 10 to 100%	
Unbalanced power limit	W	950	1350	850		
Working temperature	° C	-5 to + 50				
Working humidity	%	85			Without condensing	
POWER REQUIREMENTS						
AC Power input	AC Supply Voltage	V A C	117 ÷ 230 +10% -15%		Internal switch	
	AC Apparent Power Consumption	V A	61			
	Active Power Consumption	W	61			
	Power Factor		0,998			
	Connector		VDE IEC Standard			
DC Power input DC Supply Voltage		V D C				
DC Current ADC						
MECHANICAL DIMENSIONS						
Physical dimensions	Front panel width	m m / i n c h	483 / 19		EIA rack	
	Front panel height	m m / i n c h	132 / 5 1/4 3HE			

	Overall depth	mm	573				
	Chassis depth	mm	501				
Weight		kg	About 15	About 16		About 17	
Cooling			Forced, with internal fan				
Acoustic noise		dB(A)	< 75				
AUDIO INPUTS							
Power Splitter	Connector		N type				
	Impedance	Ohm	50				
	Power	W	100	150	100	0,1 dB step adjustable	
Power Coupler	Connector		7/16" EIA	7/8" EIA	7/16" EIA		
	Impedance	Ohm	50				
	Number of way		2	2	3		
	Power	W	1000	2500	1000	0,1 dB step adjustable	
OUTPUTS							
Power Coupler	Connector		7/8" EIA				
	Impedance	Ohm	50				
Power Splitter	Connector		N-Type				
	Impedance	Ohm	50				
	Number of Way		2	2	3		
FUSES							
On mains			1 External F 3,15 T – 5 x 20 mm				
On services			X				
On PA Supply			X				

On driver supply		X	
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All pictures are RVR’s property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.



<https://www.rvr.it>



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Documents / Resources

	R V R HC2-2GRL HC-GRL Series Combiners Broadcast Systems [pdf] User Manual HC2-2GRL HC-GRL Series Combiners Broadcast Systems, HC2-2GRL HC-GRL, Series Comb iners Broadcast Systems, Combiners Broadcast Systems, Broadcast Systems
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References

-  **[R.V.R. Elettronica - Broadcast Systems](#)**