

Introduction & Support

Thanks for purchasing the **Rane RPI**. The RPI is a remote power injector that supplies the necessary power to the DR6 or RAD26 peripherals for rack-mountable HAL units.

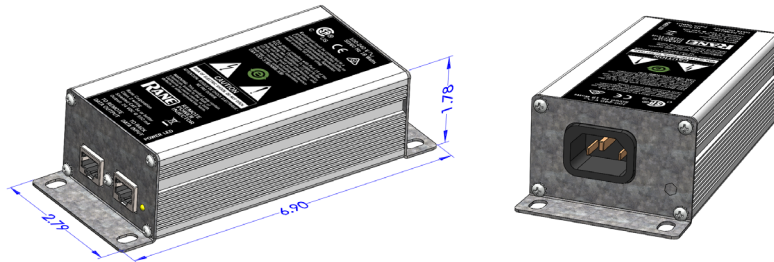
Use standard screws of an appropriate size to attach the RPI to a wall, ceiling, or other surface. Use **shielded Cat 5e** (or better) cables to connect it to any HAL unit to deliver communications and the extra power needed for the peripheral.

For system applications, design examples and related HAL information, please see the HAL Notes library at rane.com/library

If you need additional assistance, please contact our HAL technical agents at halogen@rane.com

For additional product support, visit rane.com/support

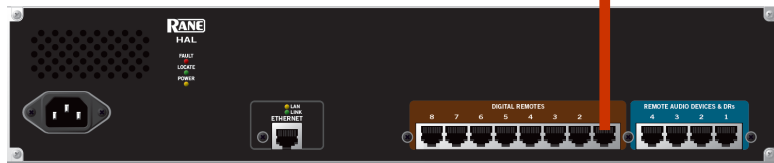
Overview



Wiring



Use **shielded Cat 5e** cables (or better) to connect your HAL peripheral and HAL rack unit to RPI. The RPI can be placed anywhere in between the two.



Technical Specifications

Supported HAL Peripherals	DR6, RAD26		
Mounting Hardware	4 screws, not included	For mounting RPI to surface.	
Connectors			
Data Input	To DR port on HAL unit	RJ-45 connector	
Data Output	To HAL peripheral	RJ-45 connector	
Power	24 VDC @ 500 mA	Maximum	IEC connector
Distance of HAL to RPI to HAL peripheral	325 ft. / 100 m	Maximum	Shielded CAT 5e cable or better
Power	100–240 VAC	50/60 Hz, 18 W maximum	
Wiring	Class 2	RJ-45 connectors	
Operating Temperature	104°F / 40°C	Maximum external loading	
Dimensions	6.90" x 2.79" x 1.78"	17.5 x 7.1 x 4.5 cm	Width x depth x height
Weight	14.1 oz.	400 g	

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