

Using IR Detector and Emitter Cables with HR-4P

The HR-4P is capable of issuing IR commands based on contact closure inputs and/or RS-232 serial input strings.

For example if you want to serially control an LCD that does not have a RS-232 control port, you can use the HR-4P to issue IR commands based on RS-232 commands received. To do so you need to purchase an IR emitter cable shown below.



IR Emitter Cable (Hall Research Model # CIR-EMT)

If you know the format and code of the IR commands for the device you want to control, you can easily define those using the HR-4P GUI and upload them to the unit. If you do not know the codes, the HR-4P is capable of "learning" IR commands from an existing IR remote control for the device you want to control.

The learning is done when the HR-4P is connected to the PC using the GUI software. Once you have learned the IR codes, you can save them in a file and download it into multiple HR-4P's. So the learning process is typically only done once.

If you need to learn the IR codes of some device you need to order an IR Detector Cable.



IR Detector Cable (Hall Research Model # CIR-DET-D2)