

## **D-V XP1 RED One Power splitter**

### **Features and operating Instructions**

**D-V XP1 RED One** Power splitter is a sophisticated piece of equipment that has been designed to use with **RED One** electronic camera, keeping in mind the needs of **D.o.P.s** and those of the **Rental Houses**.

It allows the possibility to extend the running time of the camera, because it has two inputs sockets for external batteries. When the first is going flat, just plug a second one and go on shooting for longer time. Corresponding LED will lit.

Plugging and unplugging to **D-V XP1** **protects** the camera Power socket, avoiding to damage it through repetitive insertions of the power cable. To repair it means to dismantle the camera!

Four RS type sockets are available on the right side of Splitter body.

From anyone of them RS sockets it is possible to draw battery voltage, directly.

It allows to use up to four different accessories: Remote controls, Microforce, wireless Iris or Focus motors, video transmitters, etc. because full battery power is available at the sockets, without passing through the camera.



**Three** RS sockets allow to **RUN** the camera, without pressing camera RED button switch, by Remote Control.

- A pigtail cable must be connected from Black Lemo 4 poles front socket, named RUN, to the corresponding one on RED One camera. (Lower Lemo 4 poles socket).
- **Camera software must be set to enable RUN with Active Low signal:** i.e. RUN signal must be connected momentarily to GND.
- Camera can be switched-on by either one of the three inputs.
- Cables must be configured as standard RS Arri: **Pin1, Gnd; Pin2, V±; Pin3, Run**

**One** RS socket allows to use the **RAMP** function, that is available on RED One.

This function allows to change the framerate of the camera during shooting, either **positive going**: i.e. from 24 fps to higher framerate; or **negative**: i.e. from 24 to lower framerate.

- A pigtail cable must be connected from Red Lemo 4 poles front socket, named RAMP, to the corresponding one on RED One camera. (Higher Lemo 4 poles socket).
- **Camera software must be set to enable RAMP with Active Low signal**: i.e. RAMP signal must be connected momentarily to GND.
- Any Remote control cable can be used to perform this function.
- RAMP must be set to **ON-Event**: it means that RAMP will be performed only when activated by the user, at the time required by D.o.P. Otherwise: RAMP set **ON-Record**, Ramp will activate just after camera is switched-on (useless for most Movie purposes).
- Camera will perform RAMP, when the camera is already running. Afterward the camera will be switched off, as usual, by the RUN or Remote switch.
- RAMP function is used only for special effects, so for most of the time the RS socket, named RAMP is used as additional power output; for this reason it is not necessary to connect the Red Lemo 4 poles pigtail cable from Splitter D-V Xp1 to RED One camera.
- In case of malfunctioning of one of the pigtail cables, they are interchangeable and can be used as spare. Color coding is only for reference purpose.

**D-V XP1** RED One Power splitter is manufactured in light alloy solid block, that makes of it a sturdy piece of equipment: a fact that is very important, specially for Rental Houses.

At first use, just plug it onto Power camera socket, then lock it to RED One camera through the right side 1/4W bolt, tightening it. You'll get a very strong piece of equipment, not cumbersome, without the need to dismantle it from the camera when not in use. I can stay fixed to the RED One when the camera is back into the carrying case.

Many satisfied Customers have appreciated the features of this Splitter and won't shoot any longer with RED One camera without it.



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