

Instructions for

AC-1 Power Switch

The AC-1 features a single switched outlet that is capable of 1800 watts maximum continuous current. The outlet is normally off until a trigger signal is detected. The trigger signal can come from two different sources. The small AC power cord can be plugged into a switched outlet on a piece of equipment such as a receiver. When the equipment turns on, the AC-1 will sense the activation of the switched outlet and activate its own outlet. The second source is on the RCA connector. This can sense a video signal, 3-24 vdc, or 3-24 vac signal (from a wall transformers). When the signal is present, the AC-1 will activate.

The delay adjustments on the AC-1 to delay the activation and de-activation of the switched outlet in respect to the trigger. By turning the adjustments clockwise, the delay will be increased. When the AC-1 is triggered by a video signal, it is better to have a short delay on the time-on time. This is due to a quick signal pop that commonly occurs with video signals when the equipment is turned on. If no delay is set, the AC-1 may turn on and off very quickly and then turn on when the video signal is actually present on the line. By adjusting the turn-on delay, the initial pop will not cause the AC-1 to activate until the video signal is actually present.

The AC-1 features a relay to switch the power to the outlet. This allows the AC-1 to be used with high current equipment such as power amplifiers. The AC-1 does not include surge protection or line filtering. If these are required, use an independent surge arrester commonly available.