



FIGURE 1

[Consult IIDAS System Instructions to Complete the Controller's Wiring]

INSTALLATION INSTRUCTIONS FOR IIDAS CONTROLLERS USING AN EXTERNAL POWER SUPPLY, WITH BRW'S 12V BATTERY PACK AS A BACK-UP POWER SOURCE

IIDAS security controllers *may* be used in conjunction with an external power supply, using the standard BRW 12VDC battery pack as a back-up power source, *but only if the external power does not exceed 15VDC (12VDC is preferred)*..

You may use *any* of the *IIDAS* controller's red and black wires for the external power supply *or* the 12V battery pack.

Begin by following the standard installation instructions which accompany the security system that is being installed, with *one* omission. *Do not* attach the **red wire** of the siren to the positive terminal of the 12VDC battery pack.

You should now have three (3) extra wires (**red, black and red/white**) on the *IIDAS* controller that are unattached. Connect the extra **black wire** to ground on the external power source. The extra **red wire** is connected to the positive terminal on the external power source. The **red/white** wire is connected to the red wire on the siren. See Figure 1, above.

The *IIDAS* security system will now operate with the external 12VDC power supply in normal operation, and will automatically switch to the 12V battery pack as a back-up whenever the external power drops below 12V. **NOTE:** Using an external power supply greater than 15V may damage the controller's circuits.

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