



# New AC Reporter notifies you when there is a power failure at a remote transmitter site!

Not too long ago, there were a series of burglaries involving the theft of public safety communications stations. It is very common for public safety, healthcare, utility and business communications users to operate mountain top repeater stations to extend communications over wide geographic areas.

The problem is that these remote repeater sites are vulnerable to problems that require prompt reporting. Obviously, unauthorized entry is a concern but this is a relatively rare occurrence. A far more common problem is an AC power failure. If unreported, the system soon fails even if battery backup is available. If operations continue without the knowledge that the system is operating on batteries, the system fails completely. Clearly, there is a need to promptly report an AC power failure.

The problem is that reporting devices can be very expensive, often requiring a phone line or cellular service. So what's the solution? We call it the AC Reporter or ACR! If the AC power fails, the ACR immediately senses the absence of AC power, then broadcasts an emergency advisory that the AC power has failed. This message can be sent through the repeater station, directly on the mobile receive frequency or any designated VHF or UHF frequency of your choice. Four models are available – The ACR100 for VHF and ACR400 for UHF broadcast a short voice message whenever power fails. The cost is just \$349 including an AC power module with battery backup.

The more sophisticated ACR100 Plus for VHF and the ACR400 Plus for UHF have the ability to announce both power disruption and power restoration. These models include multiple AC outlets with surge protection, a lifetime guarantee on the suppressor and a \$10,000 guarantee covering equipment damaged if the suppressor fails. These units operate from an AA battery back capable of initiating up to 7000 calls before replacement. Both are the same price – just \$449!

The really unique feature of the ACR is that the message is sent in voice – not a bunch of unintelligible beeps, but a clear voice message in your own words. Better yet, the frequency, privacy tones, number of times sent, and the actual voice message can be changed using a readily available pulse dial phone (Generally available for less than twenty dollars). Programming of your initial frequency and messages is included at no additional charge. The standard antenna is suitable for most requirements. Optional antennas are available for long-range requirements. Call us for additional information.

At the remote site, installation is as simple as plugging the standard ACR into an AC wall outlet. The Plus model is provided with a surge protector that plugs into an AC outlet and then plugging the applicable AC devices (repeater stations, etc.) into the ACR Plus terminal strip. This model is pre-wired with connection to the ACR terminal strip.

So what is our point about reporting unauthorized entry? Guess we forgot to mention that a second set of terminal contacts is available for an external device such as a magnetic door switch. For \$50 more, we will provide an easily installable door switch activator to let you know whenever someone enters the facility. Best of all, no phone lines, cellular service, or monthly monitoring charges are applicable! You can order on line at [www.falcondirect.com/ACR/order](http://www.falcondirect.com/ACR/order). If you have additional questions, just give us a call at 1.800.489.2611.

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