

PROPER USE of CYBERKEYS

as of 10/15/2016

CyberKeys contain a lithium battery which must be replaced every year or so (about 3000+ openings depending on settings and the battery). All of the power required to operate CyberLocks is contained in the CyberKey. There is no battery in the CyberLock itself. The battery (CR-2 3v lithium) is field replaceable by the user. Be sure to keep a supply on hand as they are expensive if purchased individually and since they contain lithium they must be shipped by ground. There is a substantial discount when purchased in bulk (eight to a dozen) at a time. The self life for this battery is ten years.

Each CyberKey and each CyberLock retain a history of each key and lock visited including the date and time.

CyberKeys only activate the CyberLock for one second. After that period the CyberLock will relock. Hence, you must insert fully and rotate the CyberKey smoothly and quickly. This one second interval is in place to conserve battery power. If the CyberKey is to be used by an elderly or handicapped person, the opening interval can be extended for that particular key.

If a CyberKey incorrectly makes contact with the CyberLock, the CyberLock will time-out for a second. Subsequent incorrect attempts continue to double the time-out interval. This is a security feature. Just wait a moment and retry the key for the time-out interval to expire.

CyberKeys are set to periodically expire at various intervals. This is a major security advantage of the CyberKey. If the key is lost, it will automatically expire. You must periodically present the CyberKey to a CyberKeyPort Authorizer or to an infrared communicator that is connected to the proper CyberAudit database over the web to reauthorize the CyberKey.

Rekeying a system is done via software. No need to install new locks and issue new keys. New locks, rekeyed locks, and changed access are downloaded to the key when the CyberKey is presented for reauthorization.

Do not use the key to pull the door open. This will damage the lock and, over time, destroy the brass end of the key. The brass ends of the keys are replaceable, however.

Keep the key dry. If exposed to water, remove the battery and allow key to dry completely before use.

Your key may be programmed to open particular doors and locks on particular days and times. You must contact your CyberKey system administrator for a complete listing of the access privileges for your particular key. If a CyberKey is not authorized to open a particular CyberLock, the key will warble for a few seconds to indicate that it is unauthorized.

CyberLocks and CyberKeys must be **periodically cleaned with a wire brush.** This is especially true for locks exposed to automobile traffic as the petroleum in the air will coat the electrical surface of the CyberLock and prevent electrical contact. There is a small stainless steel brush available for cleaning purposes. Do not clean with alcohol since the normal rubbing alcohol or denatured alcohol sold in drug stores has additives including oil that will build up over time and coat the surface of the key and/or lock and prevent electrical contact.

Recommend you keep an extra battery and a small wire brush in a lock box outside your facility.