Keyholding Using the Model 100 KeySafe

Congratulations! You are now holding the keys of one of the relatively few wearers who have an advanced high-security chastity keyholding device. Since the site and the KeySafe Model 100 were designed to work together, you have "unlocked" the advanced features of the site. Please take a few minutes to become familiar with what is available when you hold the electronic keys to a Model 100 KeySafe. It will make your keyholding experience more satisfying.

What You Need to Know About How the Model 100 KeySafe Works

The Model 100 KeySafe works with the site in a different way than older KeySafes. If you are interested in the details look at the end of this document (How the Model 100 KeySafe and KeyCodes work together), but to use the site with the safe all you need to know is that the safe is NOT directly connected to the Internet. Instead, when you grant a permission, the site will send a 7 or 8 digit combination to the wearer and he/she will punch it into the KeySafe. They will then see one or two colored LEDs light up. This is called the response. You can use the response to make sure the wearer actually unlocked the safe and did not save the permission for a later date.

Once the wearer's KeySafe is unlocked, it automatically advances to a new 7 or 8-digit combination and once the response is verified, the KeySafe site will advance the combination recognized by the site to the same new combination. This way you and your wearer are always in synch.

How to Use the Key Control Page with a Model 100 KeySafe

- On the Key Control Page you will see that a new line of information has appeared below the general information line. You will see something like "Next Key = 68354429, response=Green+Yellow." This means that the wearer must punch in 68354429 into the KeySafe to open it. Once he/she does this, a green LED and a yellow LED on the safe will light up. This is the response that the wearer must enter on the site to advance the combination.

- You can use the site to give your wearer permission to unlock in two different ways. First, you can give an open-ended permission by using the pull down list under Current Permission and clicking on yes. Now whenever your wearer next checks their Keys page, they will see that you have granted a permission, which they can accept or decline. If they accept, they will go to a new page on their profile called the Unlock/Checkin page. It is here that they will find the current code to unlock their safe AND a place to put in the LED response.

- The second way to grant permission is to set one or more permission windows. Use the pull down list under Current Permission and click on Window. This will activate the Window Start and Duration fields and by following the instructions that pop up when you click on the blue titles of those fields you can set one or more windows of opportunity for your wearer of almost any duration starting anytime you want. If they happen to check their Keys page while a window you set is open, then they will get the current code as described above. However, if they miss a window, they will get a message telling them that they had a chance and they missed it!

- You can also play a dice game with your wearer using either the open-ended permission or windows. If the wearer wins the game, they get the combination; if they lose, they do **not** get the combination. You can set a wide range of odds of your wearer winning a release.

- Be sure to always click on Record Changes when setting a window or the system will not recognize that you have set a window. Also, when you come back to the site after having granted a permission, be sure to click on the short message (such as Accepted) just below the Permission Result label. You will then be taken to the wearer's History page. It is here that you can see if they found your permission and if they accepted and you can verify that they put in the correct LED response to unlocking the safe. Normally, you will see that the "Wearer entered correct response," but sometimes you will see a message in bright red, "Wearer entered incorrect response." This message is a signal that the wearer may not have actually unlocked the safe. Until the wearer gives the correct response to the system, a new combination will NOT be generated. What action you take if you see the incorrect response message is of course up to you.

That's it – now you know how to use the Key Control Page to tease, torment and (maybe) grant a release to your wearer with a Model 100 KeySafe. However, there is much, much more available to a Keyholder than can be summarized in this document.

Please read the document *A Holders Guide to Managing Keys on KeySafe* (available on the Documentation page of the site) to learn more about the fun features you can use.

Managing The Wearer With a KeySafe

How Being Locked Up Using A KeySafe is Different for a Wearer

You will likely find that your wearers with a KeySafe behave differently from those without a safe.

1. First, the safes are not cheap, so if a wearer has purchased one, he or she has clearly made a commitment to chastity and is likely to be more serious about it than the typical wearer on the site.

2. Second, the KeySafe makes long-distance control much more real to the wearer. If the keys to his/her chastity really are in the safe, then they are truly dependent on their holder. This dependence has a number of possible effects.

   - **Chastity control with a KeySafe can be very intense and wearers are justifiably concerned about the risks associated with truly giving control to someone they don't know.** You may find that the wearer wants a lot more negotiation and/or a trial period of keyholding without using the safe before actually putting their chastity keys into the safe.

   - **To address these concerns, a trial period for every new keyholding relationship is built into the site's software. You should know that there are 6 specific days during the first month of keyholding that a wearer can withdraw their offer and get their keys back. These opportunities to withdraw the keys occur on the 7th, 14th, 21st, and 28th, 29th, and 30th days after you accept their keys. The days the keys can be withdrawn have been spread out so that both of you can get a taste of what it is like for you to truly control the wearer's chastity and know that he can NOT get out whenever he wants. This period gives you both a chance to negotiate and learn about how to make chastity work to everyone's satisfaction.**

- **After the first month has passed, the wearer cannot take their keys back unless you have not logged into the site during the last 30 days.** Sadly, some Holders play for a while and then disappear and this 30-day option protects wearers from those Holders. This is only an option and if the two of you are happy with only occasionally visiting the site, then the wearer can just ignore the option.

- Once you start in earnest, the wearer is likely to find it very important to demonstrate to you that he/she is really locked up. They need to know that you know how much control you have over them.

- The wearer may become much more needy and especially need more reassurance since if they are serious, they can no longer get out even if they want to. This makes them MUCH more attuned to possible deceptions on your part. If they discover you are not who you have said you are, they are likely to be deeply hurt and psychologically wounded.

- A wearer is likely to become more submissive to you over time as they strive to please the person who controls their access.

- However, a few wearers will become more aggressive, bratty or whiney when they hit the inevitable rough spots in chastity and discover they can't just end it on their own.

- Overall, a chastity relationship with a wearer with a KeySafe is likely to be more time consuming and you will have to deal with more strong emotions than is typical on the site. The wearer will expect you to be there for emergencies and also to support him/her. **If you don't think you can or want to check in regularly and/or invest the time needed to maintain and sustain this kind of very intense chastity relationship, it makes sense to promptly return the wearer's keys. Remember, if they are playing it straight with you, they can't get out if you tune out.**

3. Third, once you have built a strong long-term chastity relationship with a wearer and you **both** feel that you communicate and work together well, you can use the KeySafe for extremely advanced and hard-core chastity and control. Some long-term couples that are seriously into chastity have agreed to lock the wearer into a high security belt, place all the keys into the KeySafe and place both of the manual keys into the safe as well.

These wearers are completely dependent on their Keyholders. In an emergency where the Keyholder can't be reached, the wearer must break open the metal safe, which is a very difficult thing to do (although it is possible). The Keyholder will of course soon be aware of this and he/she can figure out how they wish to handle it. The cost of getting out of chastity becomes so high, that the Keyholder can be assured that she/he has total control under all but emergency circumstances. However, this is **very advanced** play and should not be attempted without the full and voluntary consent of both parties.

4. Fourth, although a wearer with a KeySafe is likely to be more serious about chastity, he/she is paradoxically more likely to play some wearer tricks. The next section helps prepare you for these tricks.

KeySafe Wearer's Tricks

Wearers with a KeySafe are no more inclined to try to deceive/mislead their Keyholders than the typical wearer. However, since the KeySafe makes it truly possible to be locked up with no way out, a prudent wearer is likely to try to hedge his bets.

As a Keyholder, you need to know the security soft spots of the Model 100 KeySafe so you can take appropriate steps to make sure you are getting the keyholding experience that works for you. Of course, the wearer may have different ideas and if you can't reach agreement, the best course is to return the keys and look for someone who is a better fit.

1. The Model 100 indeed can be opened with a unique electronic code, which only you (via the site) have access to. However, you should know that the Model 100 ships with two manual keys, which permit the wearer to bypass the electronic lock and open the safe using a standard lock behind a hidden panel on the safe. If the wearer has locked in the keys to the chastity, but has the manual keys at hand, you really don't have any more control than if there was no KeySafe.

2. Since the safe is not connected to the web, you have no way of knowing if the door to the safe is actually locked. The wearer may simply never lock the door to the safe. The codes can still be punched in, the responses will be given, but once again, you never had any real control, since the safe wasn't actually locked shut.

3. Of course you also have no way of knowing if the wearer has actually put all the keys to the chastity into the safe. Everything can be locked up securely, but the wearer has a hidden key.

There are various ways to deal with these security issues. Two basic tools are the web cam and the laminated key. If you and the wearer have web cam access, it is a simple matter to ask the wearer to buy a particular type of high-security lock, open the package on camera, let you see the chastity locked with that lock and then both keys placed into the KeySafe along with one of the two manual keys. You can then watch the wearer lock the safe on camera, and make sure they tug on the chastity lock and turn the knob on the safe to make sure both are actually locked.

The other manual key to the safe could be heavily taped to a piece of a local newspaper or magazine showing a date.   The newspaper and key can then be laminated using a cheap manual lamination kit available for a few dollars at an office supply store or put into a cheap, breakable plastic lockbox. Now the wearer can get into the safe in an emergency, but you will know if they have used the emergency key because the laminate will have been cut (or lockbox opened). You can periodically ask for a photo of the emergency key and after a permission has been accepted, watch them relock the chastity and the safe on the web cam. Even without the web cam, the laminated key idea provides a reasonable compromise between the wearer's understandable need for some security in case something happens to you and your desire for real control.

What you want out of the keyholding experience could of course range from comfort with complete fantasy to a desire for total reality. Wherever you fall on that range, knowing how the KeySafe works and what tricks chastity wearers *could* play should help you make sure you get the type of chastity experience you really want.

How the Model 100 KeySafe and KeyCodes work together

Some other versions of the KeySafe require being connected to the Internet in order to work with the KeySafe site. This makes possible a high level of control because a Keyholder knows when the door to the safe is opened. However, it also limits the flexibility of the safe and may encourage some wearers to keep keys outside of the safe. The new Model 100 does not connect to the Internet and thus while it is designed to be used with the KeySafe site; it also works on a standalone basis and can be used without ever going on the site.

- The Model 100 KeySafe is secured by a list of single use key codes. While this method of security may seem simple, it is also one of the strongest methods of security known to man. A brute force approach (i.e. trying all possible numbers) would take, on average, nearly 10 years, assuming a new number was tried every ten seconds 24 hours a day.

- The keys are encrypted inside the safe on a micro SD memory card. This encrypted file contains a million digits scrambled in such a way that even if you had the file, figuring out the actual keys would be nearly impossible, and likely take years of effort.

- If you run out of KeyCodes (highly unlikely) we can replace the SD card to create a new list of KeyCodes and responses for a small charge.

- To further enhance security, each KeyCode has a randomly chosen response. This response takes the form of a pattern of lighted LEDs presented whenever the safe is unlocked. Requiring the user to report what response was displayed provides an assurance that the user actually opened the safe with the given code, rather than hoarding it for future use. The KeySafe site requires this pattern be submitted to the site before a new code is generated and we recommend that Keyholders using a paper copy of the codes require this pattern be given as well.

- Every time the safe is unlocked the safe will automatically advance to the next KeyCode in sequence. If the safe is using the web site, the web server will advance to the next code when one correctly enter the LED response to the current unlock code. Finally, if one is using the paper copy of the KeyCodes, the holder should cross off the code when given the correct LED response and plan to use the next code (moving left to right and then down to the next row) on the sheet. This way the code in the safe and the Keyholder's code will be the same.