~~4. The electronic combination lock defined in claim 3, wherein the use of a computer or a communication device in conjunction with software can be configured to serve as a method of entering and setting access codes, loading firmware to the said lock.~~

~~5.~~4. The electronic combination lock defined in claim 3, wherein the use of a touch screen sensor, and an electronic display unit in conjunction with software can be configured to serve as a method of entering and setting access codes.

~~6.~~5. The electronic combination lock defined in claim 3, wherein the use of a track-pad sensor and an electronic display unit in conjunction with software can be configured to serve as a method of entering access code.

~~7.~~6. The electronic combination lock defined in claim 3, wherein the use of an optical ~~pointing~~ sensor with a switch and an electronic display unit in conjunction with software can be adapted to serve as a method of entering access code.

~~8. The electronic combination lock defined in claim 1, wherein an electronic interface key unit comprising an electronic system, a mechanical housing, connectors to interface with a computer or communication devices, and contents at least one pre-programmed access code, and an electronic transmitter can be paired with the said lock.~~

~~9.~~7. The electronic combination lock defined in claim ~~8~~1, wherein ~~the~~ an electronic ~~interface~~ key ~~unit~~ can be used to perform ~~locking~~-unlocking functions by inserting a electronic key connector ~~connector of the said key unit~~ into the said lock to enable the transfer of a pre-programmed access code.

~~10. The electronic combination lock defined in claim 1, wherein the receiver of the said lock can be configured to become a proximity wireless receiver for communicating with the electronic interface key unit, and a computer or other communication devices.~~

~~11. The electronic combination lock defined in claim 8, wherein the electronic transmitter of the said key unit can be configured to transmit pre-programmed access codes to the said lock by means of proximity wireless transmission.~~

~~12.~~8. The electronic combination lock defined in claim ~~8~~1, wherein ~~the~~an electronic ~~interface~~ key ~~unit~~ can serve as an alternative power source to the electronic combination lock by inserting ~~the~~ a electronic key connector ~~connector of the said key unit~~ into the electronic combination lock.

~~13. The electronic combination lock defined in claim 1, wherein the electronic interface key unit can be configured to interconnect with a computer or communication devices and software to gain access on the said lock.~~

~~14. The electronic combination lock defined in claim 1, wherein the use of a sound buzzer for user interfaces purpose.~~

~~15.~~9. The electronic combination lock defined in claim 1, wherein a toggle ~~motorized~~ solenoid is used to perform latching and unlatching functions to form a locking system.