

Suggested Specification for Digilock TE Recess Mount with Pull in Brass Finish

All locksets shall be Digilock TE series locksets, as manufactured by Security People Inc., Petaluma, California, USA or exact functional, size and material equivalent.

The locksets shall be operated or programmed by touching of operating Button Keys to the receptacle on the front face of the lock. The Button Keys shall be identification devices manufactured by Dallas Semiconductor of Dallas, Texas.

There shall be four different types of Button Keys:

- User Button Keys
- Management Button Keys
- Programming Button Keys
- Time-Set Button Keys

The User and Management Button Keys shall operate the lock, the Programming Button Key shall be capable of programming the operating keys to the locks and the Time-Set Button Keys shall be capable of changing the unlock time of the lock.

The lockset shall be a Button Key operated electronic lock with the following operating functionality:

The lockset shall be re-programmable and operate with the User or Management Button Key. Touching of a valid operating key shall unlock the lockset by retracting its ½" deadlatch for 10 seconds with the User Button Key (or longer if adjusted by use of Time-Set Button Key) and 2 seconds with the Management Button Key allowing the opening of the door by pulling the lockset's optional pull handle or other handle(s) provided by the locker vendor. The door shall be locked automatically when shut. The lockset shall contain an LED for visual feedback as well as a buzzer for audio feedback. When opening, the LED shall emit a green light to indicate opening. The LED shall emit visual feedback in the case of reading a valid/invalid Button Key and the buzzer shall emit an audio feedback in the case of a low battery or binding. All keys shall be re-programmable by use of the Programming Button Key; touching of the programming key followed by touching of the User or Management Button Key should accomplish the programming. The locks shall be capable of being programmed to one User Button Key and up to twenty-five Manager Button Keys. The lockset shall not require the user to insert cards or other peripherals to operate.

The lockset shall be battery operated. The batteries shall be included with the lockset. The lockset shall work stand-alone. No wiring shall be required from a lockset to another or to a central processor. The batteries shall last a minimum of 5 years with 20 operations per day using off the shelf premium alkaline batteries.

The lockset shall consist of two modules with the front module containing a Button Key reading receptacle and the rear module containing the deadbolt. The front and rear modules shall contain a built-in connector capable of mating when the modules are installed on the door.

The Button Key reading receptacle shall contain a spring loaded data pin to assure positive contact with the Button Keys.

The front module shall be installed on the outside of the door and the rear module on the inside of the door placing the door in between the two modules. The two modules shall be connected to one another through an opening on the door with their built-in connector; and secured to one another and to the door via two 10-24 mounting screws placed through the rear module and the mounting holes on the door.

The lockset's housings and deadlatch shall be made of metal and contain a metal front unit with the Button Key reading receptacle. The ½" deadlatch unit shall consist of a 45° angled main latch and sublatch which shall provide the dead latching functionality when the door containing the locking unit is closed shut. The sublatch shall be placed against the surface of the strike plate or door jam while the main latch engages with the opening of the door strike or behind the door strike (whichever the case may be) triggering the internal dead locking so that the latch can not be retracted, jimmied or fished or otherwise forced manipulation from the outside of the lock case but only by function of the lock by presentation of a valid button key.

A flanged integral cup-shaped plate with door pull shall be included with each lockset for recess mounting of the lockset. The integral cup-shaped plate shall be made of metal and match the architectural finish of the lockset's front module. The plate's cup opening shall be in a shape allowing the front module of the lockset to sit flush with the door.

The lockset's front module containing the Button Key reading Receptacle shall not be larger than 2.100(w) x 2.700(h) x 0.640(d) and shall carry an architectural finish of U.S. BHMA 605 (polished brass).