

# Burton Safes Ltd

*The Sure Defence*

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## Magnum (TRSE8) Electronic Lock Technical Specifications

- EN1300 Class B electronic combination lock.
- 111,000,000 possible combinations.
- Menu controlled user system.
- Backlit LCD menu screen.
- 6-8 digit user code.
- Up to five different user codes.
- Five level security access system.
- Auditable to last 1000 operations.
- Block out after 3 incorrect code entries (Initial block is for 5 minutes, thereafter 20 minutes).
- Multi language (12) display.
- Time delay, time lock, holiday timer functions.
- Battery life indicator. Each time the lock is activated blocks are appear on screen showing how much power is left in the batteries (3 blocks = full power, 0 blocks = minimum power.) An on screen message also appears to advise when the batteries need changing.
- **Requires 3 x AA (LR6) alkaline batteries.**

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### Magnum (10000) – Full User Guide

Please read these instructions thoroughly before attempting to use your safe.

#### Multi Function Keys:

Certain buttons on the Magnum TRSE8 electronic combination lock have more than one function. The 1 and 2 buttons have an obvious numerical function but also a second purpose when you have entered the locks menu system. You will find that during menu operations the 1 and 2 buttons act respectively as the up and down cursors for scrolling through the various menu options.

When inputting any code or letters the function key becomes a 'Backspace' key to enable you to correct any errors.

#### Operating Modes:

**Lite Mode:** All Magnum electronic locks are supplied in Lite Mode. This operating status provides access to only the most basic and essential lock functions, and is often ideal for domestic users. When operating in this status the lock will always display 'Lite Mode' when first activated.

**Professional Mode:** It is possible to switch the Magnum electronic lock into Professional Mode. This operating status provides access to all lock functions including multi user set-up, timer functions, audit trail etc. This mode allows a sophisticated level of user access control and is suited to commercial use. When operating in this status the lock will always display 'Professional Mode' when first activated.

#### Switching Between Operating Modes:

##### **Lite Mode → Professional Mode**

- Press the On / Enter button to activate the lock.
- Press the Function key to access the menu system.
- Press the 2 key (Down arrow) to scroll down the options to the 'Prof. Mode' menu.
- Press the 'On / Enter button to access the 'Prof. Mode' menu.
- Input your 6-digit user code.
- Input the management code 3195 and press the On / Enter button.
- Press the On / Enter button a second time to confirm the action.
- The Magnum TRSE8 electronic lock is now in 'Professional Mode'.

##### **Professional Mode → Lite Mode**

- Press the On / Enter button to activate the lock.
- Press the Function key to access the menu system.
- Press the 2 key (Down arrow) to scroll down the options to the 'Administrator' menu.
- Press the 'On / Enter button to access the 'Administrator' menu.
- Press the 2 key (Down arrow) to scroll down the options to the 'Lite Mode' menu.
- Press the 'On / Enter button to access the 'Lite Mode' menu.
- Input your 6-digit user code.
- Input the management code 7293 and press the On / Enter button.
- Press the On / Enter button a second time to confirm the action.
- The Magnum TRSE8 electronic lock is now in 'Lite Mode'.

**Warning: When switching from Professional Mode to Lite Mode any extended features that are programmed (Time delay, time lock, holiday timers, multi user etc.) are deleted and these parameters return to the factory presets. Additionally if your user code has been extended to 7 or 8 digits only the first 6 of these will be recognized in Lite Mode.**

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### Magnum (10000) Electronic Lock – Lite Mode

#### **Opening your safe for the first time:**

All Magnum TRSE8 electronic locks are supplied locked and preset with the default factory preset code 123456. To open the safe follow the steps below, if you make a inputting error at any stage pressing the Function key will erase the last entered digit:

- Press the On / Enter button.
- Enter the user code (Factory preset is 123456). If you input an incorrect digit at any time pressing the 'Function' key will delete it.
- Turn the handle fully clockwise; the safe should now open. *N.B. You must turn the handle within five seconds of inputting your code otherwise the lock will reset.*

#### **Changing your code (This function should be performed with the safe door open and the bolts retracted):**

To alter the user code follow the steps below. Please note that in Lite mode you **must use a 6-digit code**, if you make a inputting error at any stage pressing the Function key will erase the last entered digit (*N.B.*

**When changing a user code always do so with the safe door open.** *Never use personal data such as your date of birth or telephone number as a user code.):*

- Press the On / Enter button to activate the lock.
- Press the Function key to access the menu system.
- When 'Code Change' is displayed on the menu screen press the On / Enter button.
- When 'Administrator' is displayed on the screen press the On / Enter button.
- Input the previous user code (Factory preset is 123456) and press the On / Enter button to confirm.
- Input your new user code and press the On / Enter button to confirm.
- Input your new user code a second time and press the On / Enter button to confirm. Provided that you have set the code correctly the display will show 'Code Change Completed'.
- Press the Function key twice to exit the menu system and return to the 'Code Entry' screen.
- With the **door open** test that your new code works by opening and locking the safe. Repeat this several times to ensure that your new code has been accepted.

**Warning:** **These instructions must be followed precisely. In the event that the safe lock becomes programmed with an unknown user code there is NO other means of accessing the safe. Under these circumstances Burton Safes Ltd accept no liability for the costs incurred to repair or replace the safe. If you are uncertain of the reprogramming process please contact your supplying stockist for further guidance.**

#### **Changing the menu system language:**

All Magnum TRSE8 electronic locks are programmed with English as the default language. However it is possible to alter the language by following the steps below:

- Press the On / Enter button.
- Press the Function key to access the menu system.
- Press the 2 key (Down arrow) to scroll down the options to the 'Language' menu.
- Press the On / Enter button to access the 'Language' menu.
- Press the 2 key to scroll down to your choice of language.
- Press the On / Enter button to select and confirm the language you have chosen.
- Press the Function key to exit the menu system and return to the 'Code Entry' screen. After 10 seconds the safe will return to standby mode.

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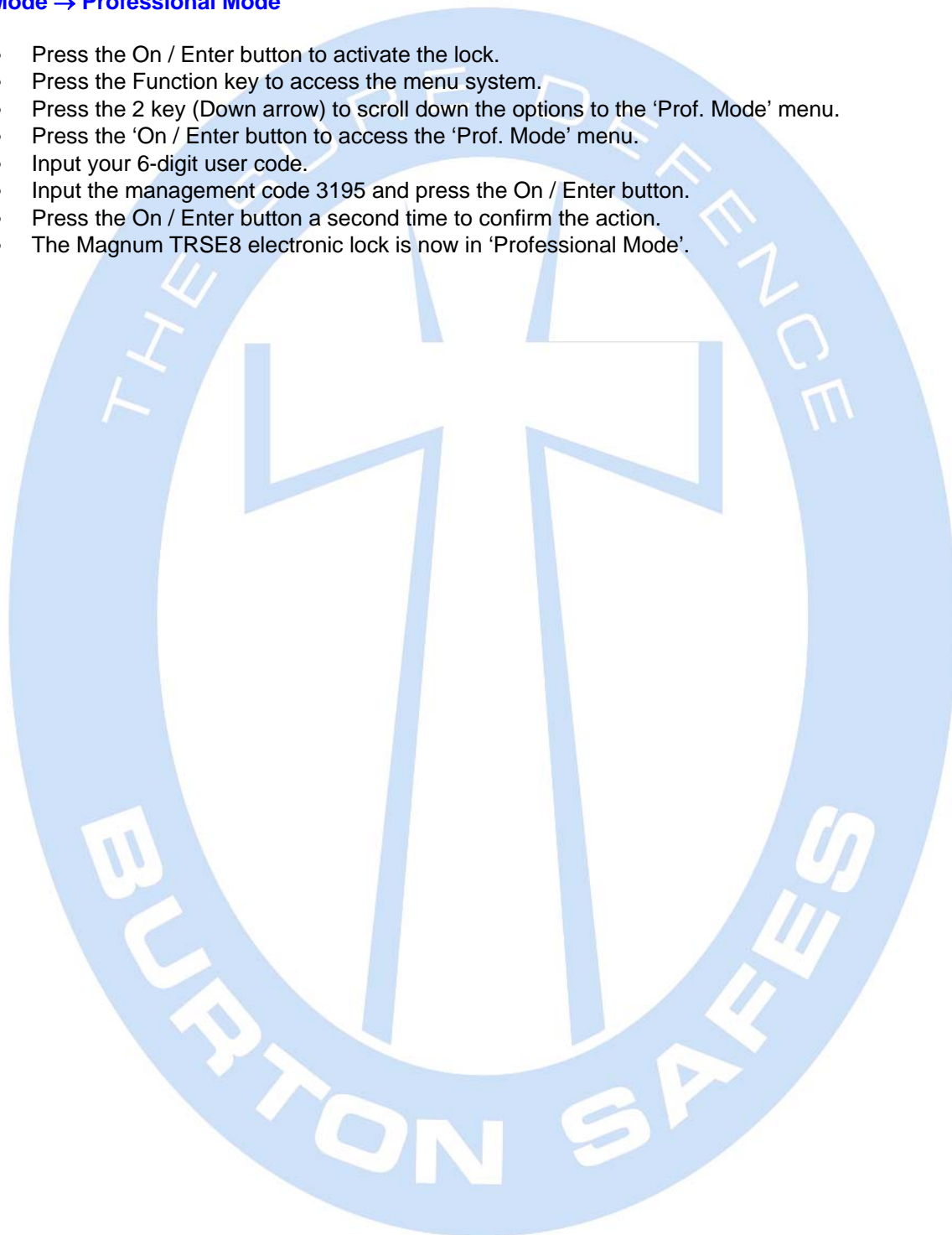
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### **Switching Between Operating Modes:**

#### **Lite Mode → Professional Mode**

- Press the On / Enter button to activate the lock.
- Press the Function key to access the menu system.
- Press the 2 key (Down arrow) to scroll down the options to the 'Prof. Mode' menu.
- Press the 'On / Enter button to access the 'Prof. Mode' menu.
- Input your 6-digit user code.
- Input the management code 3195 and press the On / Enter button.
- Press the On / Enter button a second time to confirm the action.
- The Magnum TRSE8 electronic lock is now in 'Professional Mode'.



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### Magnum (10000) Electronic Lock – Professional Mode

#### **Opening your safe for the first time:**

All Magnum TRSE8 electronic locks are supplied locked and preset with the default factory preset code 123456. To open the safe follow the steps below, if you make a inputting error at any stage pressing the Function key will erase the last entered digit:

- Press the On / Enter button.
- Enter the user code (Factory preset is 123456). If you input an incorrect digit at any time pressing the 'Function' key will delete it.
- Turn the handle fully clockwise; the safe should now open. *N.B. You must turn the handle within five seconds of inputting your code otherwise the lock will reset.*

#### **Changing your code (This function should be performed with the safe door open and the bolts retracted):**

To alter the user code follow the steps below. Please note that in Lite mode you **must use a 6-digit code**, if you make a inputting error at any stage pressing the Function key will erase the last entered digit (*N.B.*

**When changing a user code always do so with the safe door open.** *Never use personal data such as your date of birth or telephone number as a user code.):*

- Press the On / Enter button to activate the lock.
- Press the Function key to access the menu system.
- When 'Code Change' is displayed on the menu screen press the On / Enter button.
- When 'Administrator' is displayed on the screen press the On / Enter button.
- Input the previous user code (Factory preset is 123456) and press the On / Enter button to confirm.
- Input your new user code and press the On / Enter button to confirm.
- Input your new user code a second time and press the On / Enter button to confirm. Provided that you have set the code correctly the display will show 'Code Change Completed'.
- Press the Function key twice to exit the menu system and return to the 'Code Entry' screen.
- With the **door open** test that your new code works by opening and locking the safe. Repeat this several times to ensure that your new code has been accepted.

**Warning: These instructions must be followed precisely. In the event that the safe lock becomes programmed with an unknown user code there is NO other means of accessing the safe. Under these circumstances Burton Safes Ltd accept no liability for the costs incurred to repair or replace the safe. If you are uncertain of the reprogramming process please contact your supplying stockist for further guidance.**

#### **Changing the menu system language:**

All Magnum TRSE8 electronic locks are programmed with English as the default language. However it is possible to alter the language by following the steps below:

- Press the On / Enter button.
- Press the Function key to access the menu system.
- Press the 2 key (Down arrow) to scroll down the options to the 'Language' menu.
- Press the On / Enter button to access the 'Language' menu.
- Press the 2 key to scroll down to your choice of language.
- Press the On / Enter button to select and confirm the language you have chosen.
- Press the Function key to exit the menu system and return to the 'Code Entry' screen. After 10 seconds the safe will return to standby mode.

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### Creating users and user access levels:

The Magnum TRSE8 electronic combination lock is able to have up to five different users, each of which can have their own user code. It is also possible to designate each user with a security access level, these levels are described below:

- **Administrator:** Full access and programming rights.
- **0** Access denied.
- **1** Access level.
- **1 / 2** Joint Access; Access possible only with one other user.\*
- **1 / 3** Joint Access; Access possible only with two other users.\*

*\*See 'Multi user procedure for opening safe' section for details of these access levels.*

To create other users follow the steps below (*N.B. This function can only be performed by users on Administrator access level.*):

- Press the On / Enter button.
- Press the Function key to access the menu system.
- Scroll through the menu options to the 'User' menu and press the On / Enter button.
- Scroll through the 'User' menu to the 'Create' option and press the On / Enter button.
- Input an 'Administrator' level user code.
- You may now input the identity (ID) of the new user. Note that the cursor is flashing next to the default user ID of 0001, you should begin by deleting this code by repeatedly pressing the function key.
- Input the user ID that you have decided on (The initials of the intended user are most straightforward but up to 16 digits may be used.) by using the alphabetical function of keypads numbers. For example if you wished to use the initials JS you should first press the 5 key once to input the letter J, then press the 7 key repeatedly until the letter S appears. Press the On / Enter button to confirm the user ID you have input.
- You can now select the access level that you have decided upon. Scroll through the various options until you reach the level desired and confirm this by pressing the On / Enter button.
- Input the new user code and press the On / Enter button.
- Press the On / Enter button to confirm the details of the new user.
- Repeatedly press the Function key until you have exited the menu system and returned to the 'Code Entry' screen.

To modify user details follow the steps below (*N.B. This function can only be performed by users on Administrator access level.*):

- Press the On / Enter button.
- Press the Function key to access the menu system.
- Scroll through the menu options to the 'User' menu and press the On / Enter button.
- Scroll through the 'User' menu to the 'Modify' option and press the On / Enter button.
- Input an 'Administrator' level user code.
- Scroll through the users until the users details that you wish to modify are displayed, then press the On / Enter button.
- If required alter the user ID. Press the On / Enter button to confirm the new / existing user ID.
- If required alter the user access level. Press the On / Enter button to confirm the new / existing the access level.
- If required alter the user code. Press the On / Enter button to confirm the new / existing the user code.
- Press the On / Enter button to confirm the details of the new user.
- Repeatedly press the Function key until you have exited the menu system and returned to the 'Code Entry' screen.

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To display user details follow the steps below (*N.B. This function can only be performed by users on Administrator access level.*):

- Press the On / Enter button.
- Press the Function key to access the menu system.
- Scroll through the menu options to the 'User' menu and press the On / Enter button.
- Scroll through the 'User' menu to the 'Display' option and press the On / Enter button.
- Input an 'Administrator' level user code.
- You can now scroll and display the details of each user (*N.B. The user code will not be displayed on screen.*).
- Repeatedly press the Function key until you have exited the menu system and returned to the 'Code Entry' screen.

To delete user details follow the steps below (*N.B. This function can only be performed by users on Administrator access level.*):

- Press the On / Enter button.
- Press the Function key to access the menu system.
- Scroll through the menu options to the 'User' menu and press the On / Enter button.
- Scroll through the 'User' menu to the 'Delete' option and press the On / Enter button.
- Input an 'Administrator' level user code.
- Scroll through the users until details that you wish to delete are displayed and press the On / Enter button.
- Press the On / Enter button to confirm that you wish to delete these details.

**Repeatedly press the Function key until you have exited the menu system and returned to the 'Code Entry' screen.**

### **Multi user procedure for opening the safe:**

If you have multiple users on 1 / 2 or 1 / 3 joint access levels then either 2 or 3 codes respectively must be input before the safe will operate. To open the safe follow the steps below:

- Press the On / Enter button.
- The first user should enter their user code.
- The display will show: 'Authoriz. level not reached' for 10 seconds after which it will return to the 'Code Entry' display.
- The second user should now input their code. If both users are on 1 / 2 Access level the safe can now be opened.
- If users are on 1 / 3 access level then the display will show: 'Authoriz. level not reached' for 10 seconds after which it will return to the 'Code Entry' display.
- The third user should now input their code, the safe can now be opened.

### **Changing the length of the user code:**

The default length of user codes on the Magnum TRSE8 lock is six digits. This may be altered to either 7 or 8 digits by following the steps below (*N.B. This function can only be performed by users on Administrator access level. Any user codes already programmed into the safe **WILL** be altered when this function is performed. When increasing code lengths existing user codes will have **zeros added at the end** to allow for the extra digit/s. Conversely if you are decreasing code lengths then the last 1 or 2 digits will be removed from the user code, though these digits will be stored in memory and recalled should you later increase the code length again.*):

- Press the On / Enter button.
- Press the Function key to access the menu system.
- Scroll through the menu options to the 'Administrator' menu and press the On / Enter button.
- Scroll through the 'Administrator' options to the 'Code Length' menu and press the On / Enter button.
- Input an 'Administrator' level user code.

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- Use the number keys to input the desired code length (6,7 or 8 digits) and press the On / Enter button.
- Press the Function key to exit the menu system and return to the 'Code Entry' screen. After 10 seconds the safe will return to standby mode.

### **Restructure Function.**

*N.B. This function can only be performed by users on Administrator access level. It is not recommended that safe users perform this procedure.*

This process is reached via the 'Administrator' menu, and is a function that is reserved for use by accredited service engineers, and not designed to be operated by the safe user. For your peace of mind the 'Restructure' function can only be truly activated by an engineer, and whilst the menu display may give the appearance that the lock is restructuring itself this is in fact a *NUETRAL* process. Your safe will not be affected by the accidental request of this function.

### **Auditing the lock:**

- It is possible to audit on screen the last 1000 operations of the Magnum TRSE8 electronic combination lock. This enables anyone with administrator clearance to recall such information as which user opened the safe at what time. To access this information follow the steps below (*N.B. This function can only be performed by users on Administrator access level.*):
  - Press the On / Enter button.
  - Press the Function key to access the menu system.
  - Scroll through the menu options to the 'Process' menu and press the On / Enter button.
  - Input an 'Administrator' level user code.
  - You can now scroll through the log for each of the last 1000 operations and see which user performed them. You will also notice that each performed function (Process) has a number with which to identify it. Below is a list of these Process Numbers:
    1. A user code has been input.
    2. The lock has been opened using a Transponder Proximity Card (TPC). A TPC is an optional extra, a credit card sized device that opens the safe when placed in the near vicinity of the lock. This facility will be available from mid 2004.
    3. A code has been input and the safe has been opened.
    4. The safe lock was blocked due to an incorrect code being input three times.
    5. Indicates that someone has tried to physically manipulate or tamper with the lock.
    6. Time & Date have been altered. This shows what the time and date were prior to them being changed.
    7. Time & Date have been altered. This shows what the time and date were altered to.
    8. A user code has been changed.
- When you have finished using the audit feature press the Function key to exit the menu system and return to the 'Code Entry' screen. After 10 seconds the safe will return to standby mode.

### **Switching Between Operating Modes:**

#### **Professional Mode → Lite Mode**

- Press the On / Enter button to activate the lock.
- Press the Function key to access the menu system.
- Press the 2 key (Down arrow) to scroll down the options to the 'Administrator' menu.
- Press the 'On / Enter button to access the 'Administrator' menu.
- Press the 2 key (Down arrow) to scroll down the options to the 'Lite Mode' menu.
- Press the 'On / Enter button to access the 'Lite Mode' menu.
- Input your 6-digit user code.
- Input the management code 7293 and press the On / Enter button.
- Press the On / Enter button a second time to confirm the action.
- The Magnum TRSE8 electronic lock is now in 'Lite Mode'.