



Break Compliant HandPunch Line

Schlage is pleased to announce our new line of readers that is now capable of complying with labor “break” laws that have been adopted by more than 20 states. These labor laws are in place to regulate on-the-job meals and breaks for employees. When integrated with properly with a 3rd party software, the Schlage HandPunch “Break Compliance” capability will make it possible for employers to comply with laws relating to meals and breaks, avoiding potential fines and lawsuits.

The new Break Compliant Models are:

HP-1000-XL
HP-1000-E-XL
HP-2000-XL
HP-3000-XL
HP-3000-E-XL

Existing Break Compliant Model:

HP-4000 (With prom 296 or higher)

How are we Break Compliant? / What makes this line unique?

- Each of our Break Compliant models (XL line) utilizes the Extended User Record. It is within the extended user record where we store the lock out features and information. If the host software/program is not set up to handle the extended user record, the Break Compliant feature may not work properly.
- When a current HP-1000 model is booted up, typically, the following is seen on the LCD:

Example: HP1.12345.312

The HP1, HP2, HP3 will now have new corresponding model identifiers numbers for the XL line.

HP-1000-XL & HP-1000-E-XL = 1PX
HP-2000-XL = 2PX
HP-3000-XL & HP-3000-E-XL = PXL

Example: 1PX.12345.312

These model identifiers are also communicated via the DLL commands; these new DLL commands are required in order for the host program to properly recognize the model.



There are two ways to implement this feature:

1. The first is to integrate new DLL's to create a customized solution with the host program. This can be achieved by creating a custom solution, or utilizing the function key script compiler. In order to integrate the following will be needed:
 - a. A Break Compliant Reader
 - b. Prom 312 or higher
 - c. Updated SDK – version 2.1.4
The latest SDK can be obtained from technical support at SBSsupport@irco.com or 1-866-861-2480, option 1.

2. The second is to activate the capability at the reader using the TA Standoff Menu. First, activate the T&A Mode (Explicit Punch) and then set the values needed in the TA Standoff Val Menu
 - a. To activate Explicit Punch
 - i. Menu 2, SET ID LENGTH, (enter desired ID length) T&A MODE SET, [Yes#]

To set TA STANDOFFs

Step 1: Go into Menu 5, TA STANDOFF VALS,

Step 2: Select OUT Code (TA Codes): These will be the type of punches which will activate the lock out capability

*If no additional OUT codes are needed, enter 00, and go to STEP 3.

Step 3: Select the STANDOFF: This is how long, in minutes, the lock out period will be active.

Step 4: Select additional OUT Code (TA Codes): Up to three codes can be selected.

*If no additional OUT codes are needed, enter 00, and go to STEP 5.

Step 5: Select the STANDOFF: This is how long, in minutes, the last OUT code is to be active.

Step 6: Select up to 3 BACK Codes: These (TA CODES) are the type of punches that will be locked out until the timer has expired. Up to 3 can be selected, but once completed, press 00.



TA CODE (Menu 5) StandOff Values OUT codes & BACK codes	Description	Code Displayed in HandReaders LCD Menu
FF	No Data Expected	
00	No Data Entered	
01	In	1-IN
02	Back 1	3-BACK → 1-LUNCH
03	Out	2- OUT
04	Department	
05	Back 2	3-BACK → 2-BREAK
06	Job	
07	Back 3	3-BACK → 3-CALL BACK

Table 1: Sourced from Technical Manual

Example:

HR Manager Holly needs to prohibit her employees from clocking back in from lunch early, ensuring that they take their full lunch period of 30 minutes. After activating the T&A Mode, she would go into Menu 5, select OUT CODE: 03, STANDOFF: 30, and BACK CODE: 02, 05.

Employee Sally clocks out for lunch at 12:00. When she tries to clock back in at 12:25, the reader will display INVALID Punch.



How do I make my current units 'Break Compliant'?

You can purchase a new spare main board and install it in the field.

NOTE: Replacing any main board in the field creates a risk of the HandPunches falling outside of acceptable calibration range. It is recommended that units be sent back to the factory to have the main board calibrated to the camera.

<u>New Part Number</u>	<u>List Price</u>
S-PC-1000-XL	\$455
S-PC-1000-E-XL	\$476
S-PC-2000-XL	\$508
S-PC-3000-XL	\$508
S-PC-3000-E-XL	\$508
S-PC-4000 (specify prom 296 or higher)	\$529

If you are going to replace the main board to upgrade existing units, we recommend purchasing a new overlay so that you can easily identify that the unit is break compliant. Below are the new corresponding overlay numbers.

<u>New Part Number</u>	<u>List Price</u>
OVLY HP-1K- XL	\$58
OVLY HP-1K-E-XL	\$58
OVLY HP-2K-XL	\$58
OVLY HP-3K-XL	\$58

You can purchase one of the new models.

<u>New Model</u>	<u>List Price*</u>
HP-1000-XL	\$1,199
<ul style="list-style-type: none"> All Options & Spares for the HP-1000 are applicable to the HP-1000-XL 	
HP-1000-E-XL	\$1,599
<ul style="list-style-type: none"> All Options & Spares for the HP-1000-E are applicable to the HP-1000-E-XL 	
HP-2000-XL	\$1,659
<ul style="list-style-type: none"> All Options & Spares for the HP-2000 are applicable to the HP-2000-XL 	
HP-3000-E-XL	\$2,369
<ul style="list-style-type: none"> Standard memory comes with 530 users All other Options & Spares for the HP-3000-E are applicable to the HP-3000-E-XL EXCEPT memory options <ul style="list-style-type: none"> EM-805 to 3,498 users EM-815 to 12,879 users EM-825 to 25,758 users EM-835 to 38,637 users EM-845 to 51,516 users 	
HP-3000-XL	\$1,979
<ul style="list-style-type: none"> Standard memory comes with 530 users All other Options & Spares for the HP-3000 are applicable to the HP-3000-XL EXCEPT memory options <ul style="list-style-type: none"> EM-805 to 3,498 users EM-815 to 12,879 users EM-825 to 25,758 users EM-835 to 38,637 users EM-845 to 51,516 users 	

Existing Models (Break Compliant)

HP-4000	\$2,609
<ul style="list-style-type: none"> Options & spares offered are still applicable at current pricing. 	

Break Compliant Line Technical Note

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**Pricing/Product descriptions subject to change without notice*