I'm not robot

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How to reset enforcer keypad

No Text Content! Digital Access Keypad ManualQuick Reference Guide ENFORCER ®1. Using the User Codes: Note: u u u u indicates SK-1123-SQ A. User codes operate the door (4-8 digits long). the user code. Press u u u u Outdoor Digital Access Keypad B. The # key must be pressed also if the keypad is in manual-entry mode. Note: X X X X indicates with 2 Outputs Press u u u u # the master code. MANUAL2. Using the Master Code:The Master Code can be used to operate the door or program the keypad (4-8 digits long, see p. 5 below).Press X X X X #1 (Relay output #1)Press X X X X # 2 (Relay output #2)3. Using the Inhibit/Lockout Code: Please contact your installer for an explanation of inhibit mode and its operation.4. Using Duress Codes: For a full explanation of duress codes and their uses, see pg. 12.5. Delete/Add/Change User and Master Code:WARNING -- Press the correct option key. If the option key is not used and a \"0\" is pressed after entering the Master Code, it could accidentally reprogram the Master Code.*A. Enter the Master Code first, followed by the key (if you forgot the master code, see page 15 for more information. *Press X X X XB. Changing/Adding Users:Press 1 00-99 (user ID) u u u u (user code, 4-8 digits) # (for relay output #1)Press 2 0-9 (user ID) uuuu (user code, 4-8 digits) # (for relay output #2)C. Deleting Individual Users:Press 1 00-99 (user ID) # (for relay output #1)Press 2 0-9 (user ID) # (for relay output #2)D. Changing the Master Code:Press 0 X X X X #*E. To exit programming mode, press the key.LIFETIME LIMITED WARRANTY This SECO-LARM product is warranted against defects in material and workmanship while Also available from SECO-LARM: Outdoor Keypadsused in normal service for the lifetime of the product. SECO-LARM's obligation is limited to the repair or replacement of any defective partif the unit is returned, transportation prepaid, to SECO-LARM. Under no circumstances will SECO-LARM be responsible for any costs or Indoor Keypadscharges for removal, installation, or reinstallation. This Warranty is void if damage is caused by or attributed to acts of God, physical orelectrical misuse or abuse, neglect, repair, or alteration, improper or abnormal usage, or faulty installation, or if for any other reasonSECO-LARM determines that such equipment was defective and improperly repaired as a result of causes other than defects in material andworkmanship. The obligation of SECO-LARM, and the only, atSECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or propertydamages of any kind to the purchaser or anyone else. This lifetime limited warranty is for products sold and installed in the United Statesand Canada. For all other countries the warranty is 1 (one) year.NOTICE: The information and specifications printed in this manual are current at the time of publication. However, the SECO-LARMpolicy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications withoutnotice. SECO-LARM is also not responsible for misprints or typographical errors. Copyright © 2010 SECO-LARM U.S.A., Inc. All rightsreserved. This material may not be reproduced or copied, in whole or in part, without the written permission of SECO-LARM.SECO-LARM U.S.A., Inc. Website: www.seco-larm.com SK-1011-SQ SK-1131-SQ SK-1123-FQ SK-1323-SDQ SK-1323-SDQ16842 Millikan Avenue, Irvine, CA 92606 E-mail: : 800-662-0800 / 949-261-2999 Fax: 949-261-7326 ® PIHAK1 ® SECO-LARM®Page 16 MISK-1123-SQ_092810.pmd SECO-LARM U.S.A., Inc. Note: Model numbers that end with \"Q\" or that signify RoHS-compliant products.Digital Access Keypad Manual Digital Access Keypad ManualTABLE OF CONTENTS 2 REPROGRAM THE KEYPAD (CERTAIN DATA)Introduction

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.... 12 when this may be necessary is the sale of a protected building to a new owner. In such a situation, do the following:Programming notes .... 12LED and buzzer indicators .... 13 1. Enter the programming mode by keying in the master code and the * key, then enter the refresh code, 8 9 0 1Preparing to Program, Getting Started, and User programming .... 14Installer programming .... 15 and the # key:Reprogram the keypad (complete data refresh) .... 15 X X X X * The keypad is now in the programming mode.Delete user .... 15Master code bypass (DAP jumper)

.... 16 8 9 0 1 # All old data is cleared and the keypad is ready for new data.Quick reference guide .... NOTE: The master code does NOT change. 2. Use the programming instructions on pages 13 and 14 to enter the keypad's data. 3. Exit the programming mode by pressing the * key.INTRODUCTION DELETE USER To delete a user who has left the company or who no longer has authority to enter the protected area:The SK-1123-SQ is the ideal keypad for office, commercial, and home security installations. This self-containedsecurity keypad has a built-in 5-Amp relay output and a 1-Amp relay output for maximum flexibility when 1. Enter program mode by keying in the master code and the * key:connecting to electronic door strikes, door alarms, door chimes, alarm control panels, or other security and X X X X * The keypad is now in the programming mode.access control applications. The outputs can be programmed for office, commercial, and home security installations. 2. Enter the output #, user ID number, and the # key:The SK-1123-SQ can be programmed for up to 100 4-digit to 8-digit user codes for the primary output, and up To delete user D 1 from output #2, press 2 1 # .volatile EEPROM memory to protect the data in case of power loss. 3. Exit the programming mode by pressing the * key. MASTER CODE BYPASS (DAP jumper) If the master code is forgotten or does not work, use the DAP (direct access to program) jumper to override the forgotten code and permit direct entry into the programming mode.DIMENSIONS 1. Disconnect the power supply. 2OFF PARTS LIST 2. Move the DAP jumper from OFF to ON. SECO LARM® (78mm) (51mm) SK 1123 SQ Keypad x 1 3. Reconnect the power supply. Back box x 1 The keypad will start beeping. 1.Back1 1 Diode x 1.Jumper Installation screws x 3 4. Move the DAP jumper back to the OFF position. 2 Mounting screws x 2 The keypad will stop beeping as soon as the Security wrench x 1 jumper is removed. 3 5. The keypad is now in the programming mode. 1 DAP ready to receive new programming data. 2 Jumper 3 6. Re-program the keypad as shown starting 415/16\" 789 31/4\" 45/8\" on page 13.(79mm 31/4\" 45/8\" on page 13.(125mm) (82.5mm) (118mm) NOTE -- A new master code may be programmed to replace the one that was lost or forgotten. Note that the sequence for replacing the old master code is as follows: 113/16\" Option* Key in new code Confirm Exit (45mm) *0 X X X X #* *Zero \"0\" is for new master code only; see page 13 for other options.Page 2 SECO-LARM U.S.A., Inc. Page 15Digital Access Keypad Manual Digital Access Keypad ManualINSTALLER PROGRAMMING UNIQUE FEATURESThese functions should only be used by professional installers, as incorrect entries can disable the entirekeypad function. • 12-24V AC/DC universal power -- No programming or jumpers needed.Enter Programming Mode Note: After entering (DEFAULT: 0 0 0 0) • Mantrap -- Each keypad can be used as a stand-alone keypad. However, the mantrap programming mode, features uses two keypads to protect an area with two doors by ensuring that only oneEnter Master code Confirm Function proceed to desired door is open at a time. With the mantrap interlock functions, when a user keys in the programming option code to open one door, a signal is sent to disable the second keypad, therebyXXXX * * Enter into programming mode preventing access through the second door until the first door is closed.*Key in the Master Code. • Relay output #1 inhibit control -- Relay output #1 is typically used for a door strike. If the keypad is set to the \"inhibited\" mode, relay output #1 will not operate. ThisNote: For first-time use, Master code is 0 0 0 0 increases the security of the protected premises during the time it is not expected to beoccupied, such as during evening or weekend hours. An authorized user canData Refresh Function enable or disable the inhibit control by using the code for relay output #2 at any time, Op ion Confirm Clears all previously stored data. depending on how installed.89 01 # • Door-forced-open warning -- When used with an optional magnetic contact, the keypad beeps continuously if the door to the protected premises is forced opened.Configure Relay Outputs (DEFAULT: Momentary, 1-sec. output for both outputs) without using a valid user code. The warning can be stopped only by closing the protected door.Option Output ine Confirm Function 1 -- Door-propped-open warning -- When used with an optional magnetic contact, the keypad beeps continuously if the door is propped open after the allowed open time. Relay #1, shunt mode (ON/OFF) The allowable open time is programmable. The warning stops when the door is#2, momentary mode, from 1 to 999 seconds • Door-hold-open mode -- Output #2 can be programmed to hold the door open if it needs to remain open for an extended length of time.51 # Relay #2, shunt mode (ON/OFF) • Auto or manual code entry checking:Wrong Code Lockout Confirm (DEFAULT: 10 tries / 30 seconds) • Auto code entry checking mode -- When all the user codes have the same number Option # of tries Function of digits, the keypad will activate automatically when the code is entered. There is # no need to press the \"#\" key. This is convenient for the users. 70 # After 10 successive wrong codes. 30-second lockout • Manual code entry checking mode -- The user codes can vary in number of digits, # After 10 successive wrong codes, 15-min. lockout - Can reset wi h Master Code increases security. None of the above 7 2 5 to 10 • Keypad active output -- This NPN transistoropen collector ground (-) output activates for 10 seconds when any key on the keypad is pressed. This can be used to 76 00 trigger a video recorder or turn on a light, or to signal a guard that someone is entering the protected premises.Door-Forced-Open Alarm (DEFAULT: Disabled) • Door auto relock -- The keypad will relock an open door either when the relock timeOp ion Code entry Confirm Function expires or immediately after the door is closed, depending on which occurs first. This prevents unwanted\"t'ailgate\" entries, which can happen if an unauthorized person [1 # Door-forced-open alarm is enabled tries to follow an authorized person through the door. # Door-forced-open alarm is disabled 80 • Duress output -- This NPN transistor open collector ground (-) output can be used to 0 trigger a silent alarm if an authorized user is forced under duress to use the keypad. The duress output is activated by adding 2 to the first digit of user code 1. In thisdoor opens as it would normally, but a signal is quietly sent to a Function remote device to call for help without alerting the unauthorized person.Option Code entry Confirm 1-sec. beep notifies the user to open the door when the output relay is ac ivated. The beep is disabled, replaced by 2 short beeps for valid user codes. • Backlit keypad -- The keypad is backlit to increase nighttime visibility. The backlit (1 # function can be programmed via a jumper for full, partial or no illumination. # 81 Page 3 User Code Entry Mode (DEFAULT: Manual)(Op ion Code entry Confirm Function 1 Auto Entry Mode is selected. The # key that follows the user code is NOT required in 82 # code entry. The User Codes MUST be set to he same digit length as he Master Code. Manual Entry Mode is selected. The key that follows the user code is required in 0# code entry. The User Codes can be 4-8# digits, but not necessarily all of the same length.Keypress Beeps (DEFAULT: On) Op ion Code entry Confirm Function key is pressed. [1 # Silent operation -- keypad does not beep when a key is pressed. # 83 0LED Flashes in Standby Mode (DEFAULT: On) Code entry Confirm Function 1 #84 Amber LED ON during standby mode. Amber LED OFF during standby mode.# Code entry Confirm Function key is pressed. [1 # Silent operation -- keypad does not beep when a key is pressed. # 83 0LED Flashes in Standby Mode (DEFAULT: On) Code entry Confirm programming mode, returns keypad to normal operations * SECO-LARM U.S.A., Inc.Page 14Digital Access Keypad Manual Digital Access Keypad ManualWIRING, BASIC DIAGRAM PREPARING TO PROGRAM THE KEYPAD SECO-LARM® To program the SK-1123-SQ, first determine the following information: SK-1123-SQ 1. The master code -- Allows the system administrator to program or operate the keypad.1 Backlit Jumper 2. The user code or codes -- Allows users to use the keypad.functions.2 3. Configuration of the relays and outputs -- For relay output #1 and relay output #2, determine whether3 the output should operate from 1 to 999 seconds and then turn OFF (momentary mode), or turn ON/ OFF via the code (shunt mode). 1 DAP DAP Jumper 2 Jumper 4. Result of improper code entry (optional) -- Choose between a 30-second code lockout, duress output, 3 JN.C. tamper N.O. dry contact. a 15-minute code lockout, or no reaction. N.C. Tamper 50mA max. * Note: When X X X X appears in the instructions, it indicates master code entry. Interlock -- NPN transistor, used with second keypad1 (-) N.O. Output #1 inhibit2 GETTING STARTED (-) N.C. Door position sensor input A master code is required to program the keypad. The default master code is set to \"0000.\" To change a (-) Common ground - for use with interlock function forgotten master code, go to page 15 and follow the instructions for \"MASTER CODE BYPASS\" (DAP Duress output Transistor Ground (-) protected]jumper). Keypad Active Output -- Transistor Ground (-) protected]Once the master code is set, review the programming options and decide exactly what the keypad will do, EG In - Egress -- N.O., ground (-)3 including the format of the user access codes as well as how the keypad responds via the relay output, buzzer and LEDs. Note that in every case the basic steps for programming are: Relay #2 output -- N.O. [1A @ 28VDC, Normally Relay #2 output -- COM closed and normally open 1. Enter themaster code, followed by the * key, which puts you in programming mode. Relay #2 output -- N.C. dry contacts 2. Enter the programming options defined in the various sections as needed, followed by the # key. 3. Enter the * key again to exit programming mode. Note: A rapid string of 5 beeps and/or 5 LED flashes indicates an error, while 2 beeps indicates that the entry has been accepted. Relay #1 output -- N.O. [5A @ 28VDC, Normally USER PROGRAMMING Relay #1 output -- COM closed and normallyRelay #1 output -- N.C. open dry contacts ENTER PROGRAMMING MODE Enter Master code Confirm Func ion Enter into programming mode XXXX *)(-) 12–24 Note: For first-time use, Master code is 0 0 0 0 (+) VAC/VDC4 ADDING OR CHANGING MASTER AND USER CODESBACKLIT JUMPER WARNING -- Press the correct option key. If the option key is not used and a \"0\" is pressed after entering the Master Code, it could accidentally reprogram the Master Code. Setting Jumper Description Option User ID Access code Confirm Function Position 4 to 8 digits Change Master Code 1 FULL 0 00 to 99 4 to 8 digits # Set/change up to 100 User Codes for relay output #1, with duress feature 1 0 to 9 4 to 8 digits # Set/change up to 10 User Codes for relay output #2 2 AUTO FULL 1 Keypad standby mode is dimly backlit. 2 # (QUASI) (default) 2 3 Keypad brightens to full illumination for 10 seconds after each button No. (standby mode). Note: For User ID, key in he number of the user. For Access Code, type in the code for that particular user. 3 OFF AUTO 1 Keypad standby mode is no illumination. 2 DELETE A USER BACKLIT (QUASI) 3 Keypad brightens to full illumination for 10 seconds after each JUMPER key is pressed, then returns to no illumination (standby mode). To delete a user who has left he company or who no longer has authority to enter the protected area: 1 Keypad has no backlit illumination at any time. 1. Enter programming mode: 2 OFF 3 Enter Master code Confirm Func ion Enter into programming mode XXXX * Func on 2. Delete code: Deletes specific user ID from output #1 Deletes specific user ID from output #21 Mantrap control output -- Outputs ground (-) 3 No.Connect to ground (-) for five seconds after relay output #1 is activated, continues while the door is open. Option User ID Confirm2 Connect to ground (-)to disable output #1 while the other keypad is active. 2 #3 Connect to optional N.O. push button or switch. *EXIT THE PROGRAMMING MODE BY PRESSING THE \"\"\" KEY4 For DC, connect to a regulated power supply with correct polarity, + to +, - to-. For AC, polarity is not important.Page 4 SECO-LARM U.S.A., Inc. Page 13Digital Access Keypad Manual Digital Access Keypad ManualPROGRAMMING NOTES SPECIFICATIONS Power:1. Master Code: The SK-1123-SQ comes pre-programmed with the Master Code set at 0000. Additional codes and/or • Operation voltage -- 12-24 Volts AC/DC. No jumper needed to set voltage. data should be programmed at the owner's discretion. However, to ensure security, program a new personal Master • Stand-by current drain -- 15mA @12VDC. Code to replace the factory-set Master Code as soon as possible. • Active current drain (press keypad key) -- Under protected] Active current drain (one relay activated) -- Under protected]Factory defaults: • Active current drain (two relays activated) -- Under protected] Master code set at 0000. • Relay output #1 -- 5A @ 28VDC, Form \"C\", N.O./C./N.C., programmable for 1 to 999 second momentary.M_a_in_re_la_y_ou_tput_tim_e_____1_sec_on_d_____U_s_erc_od_e_en_ry_m_o_de_____m_a_n_ua_l_____ _____S_T_A_T_US_____B_U_Z_ZE_R_TO_N_E_S*_ _A_M_BER_L_ED_F_LAS_H_ES__1__in_program_m_in_g_m_o_de_____O_N_____3__S_uc_cessful_c_od_e_en_ry_____1_b_e_ep_____1_f_l_as_h_____3__S_u_ccessful_code_de_en_ry___5_b_e_eps_____5_f_l_ash_es_____5__D_A_P

(start/stop) output. Three terminals.__A_u_x_il_ia_ry_r_elay_o_u_tp_u_t_tim__e_____1_sec_on_d_____K_ey_pres_s_beep_____O_N____ • Keypad active or alarm output -- Transistor ground max. 100mA @ 24VDC. Switches to ground (-) for 10Wrong code lockout 10 tries / 30 sec.__D_o_or_r_prop_pe_d_op_en_a_lar_m_____O_F_F____ sec. when a key is pressed (keypad active output), or switches to ground (-) to indicate a door was forced open or propped open (alarm output). Single terminal. Silent operation OFF • Mantrap (interlock) control output -- Outputs ground (-) for five seconds after relay output #1 is activated, continues while the door is open. Use to disable a second keypad during this time. Single terminal. 1sec operation (-), 100mA @ 24VDC. If switches to ground (-) after the duress code same number of digits, the keypad can be programmed for whether the # key must be used or not after entering the is entered. Single terminal. Code (see programming, option 82, page 14). Inputs: The administrator can easily delete the code of one user via the two-digit ID, if the user is no longer authorized to • Power -- 12-24Volts AC/DC. Two terminals. enter a protected area, without the need to teach the new code to all the other users.Egress -- N.O., ground (-). Single terminal. Relay output #1 allows up to 100 user codes, and relay output #2 allows up to 10 user codes. • Door sensor input -- N.C., ground (-). Connect to an N.C. magnetic contact to show if door is opened or closed, or connect to ground (-) if not used. Single terminal. 4 Using Duress Codes (Relay #1 only): Duress codes are used to activate a separate device silently to alert or to the other personnel that a user is operating the keypad under threat. The keypad operates as normal, but a signal is mantrap (interlock) control output of another keypad to disable output #1 while the other keypad is active. sent to alert others. Single terminal. Duress codes do not need to be programmed. All user codes are automatically turned into duress codes by Other Features: increasing the first digit of a user code by the number 2. The code is entered the same way as a regular user code. •Tamper -- 50mA @ 12VDC, N.C. dry contact. Connect to tamper circuit of alarm control panel. For example: Two terminals. User code 4468 can be entered as duress code 6468 • Ground -- Steady ground (-) for five seconds after relay output #1 is activated, continues while the door is open. Option User ID Confirm2 Delete code: Deletes specific user ID from output #21 Mantrap control output -- Outputs ground (-) 3duress code 0181 Auto relock mode item during code entry: • Max. 10 seconds to enter each digit. NOTE: If a user code is programmed, its duress code is unique and cannot be programmed as another user • Max. 30 seconds to enter each code. Dimensions (keypad with back box): code. For example: • 4-15/16\" x 3-1/8\" x 2\" (125 x 78 x 51 mm). Weight If user code 4468 is programmed, its duress code of 6468 is automatically programmed. A user code of 6468 cannot • 18 oz. (510 grams). be programmed. Page 5Note: Once activated, the duress output continues until a correct user code is entered.LED INDICATORS• Red LED -- Lights while output #2 is activated.• Amber LED -- Flashes to show the keypad status (see below).• Green LED -- Lights while output #1 is activatedBUZZER AND LED SIGNALSThe keypad's built-in buzzer and the amber LED can signal the following:

_____S_T_A_T_US_____B_U_Z_ZE_R_TO_N_E_S*_ _A_M_BER_L_ED_F_LAS_H_ES__1__in_program_m_in_g_m_o_de_____O_N_____3__S_uc_cessful_c_od_e_en_ry_____1_b_e_ep_____1_f_l_as_h_____3__S_u_ccessful_code_de_en_ry___5_b_e_eps_____5_f_l_ash_es_____5__D_A_P

_____1_f_l_as_h__in_2_s_e_c_____in_t_e_r_v_a_ls__7. Output relay activated 1-sec. long beep** - -NOTE: * The buzzer can be disabled through programming option 83, ref. pg. 14. Attachment ** The output relay activated beep can be disabled through programming option 83, ref. pg. 14. ScreenPage 12 SECO-LARM U.S.A., Inc.Digital Access Keypad Manual Digital Access Keypad ManualWIRING: Example Wiring, with Inhibit Control Authorized Auxiliary Accessories CONNECTIONWING INHIBIT TAMPER N.C. AUTHORIZATION CONTROL Tamper ALARM WARNING N.C. CONTROL • For safety, ensure that no Tamper PANEL N.C. 24-hour N.C. one is inside the premises protection before starting the door Inter ock zone lock inhibit function. During inhibit, doors O/P 1 remain locked. Inh b t Keypad Duress (-) Door DURESS OUTPUT Act ve Output Ground Sensor Duress (-) ALARM Output Ground CONTROL PANEL (+) ( ) Output #1 Output #2 Egress 24-hour N.O. protection zone, 12 24V AC/DC N C COM N O N C IN max. 100mA 12–24V + Output Relay DOOR SENSING AC/DC N.O. Output for power -- Fail-secure lock Door (-) supply N.C. Output for Sensing Ground Fail-safe lock ST-UV12-S1.0Q N.C. N.O MAGNETIC Required for: OR DOOR • Door Auto Relock CONTACT • Door Forced-open Alarm • Mantrap (Interlock) Control SM-200 Electric Note: If inhibit control Egress button N.O. ------- ock duress KEY ACTIVE or ALARM OUTPUT The Key Active Output will switch to ground(Inside premises) ------- output is disabled. (-) for 10 seconds whenever a key is -- + touched. Use to turn ON an LED and/or a Additional egress ----------- 12V 12V small buzzer to notify a guard, or to energize 1N4004 Cathode N.O. relay a relay to switch ON lights or CCTV camera, buttons can be N.O. Keypad Keypad contact Active Active Only one connection option is recommended.connected in parallel ------------- Isolation Make sure the current sink does not exceed 1.5k relay the maximum rating of 100mA• Connect & 1N4004 diode as close as possible to and in parallel with the DC-powered electromagnetic or electric lock. LED Low This absorbs possible electromagnetic interference to prevent operation of the lock from damaging the keypad. A power An external power supply and isolation relay 1N4004 is not required for AC-powered locks. piezo are necessary to drive high power devices buzzer such as lights or CCTVcameras.• Connect the ground (-) terminal of the keypad to earth to prevent electrostatic discharge from damaging the keypad. OR• The connection of relay output #1 disable to output #2, as shown above is optional. • Note: PLEASE ALSO REFER TO THE NOTES ON PAGE 6 FOR MORE GENERAL INFORMATION. buttons can be N.O. 1N4004 Cathode Use an N.C.premises during the evening or weekend. See programming option 51. Use Normally Open (N.O.) output• The green LED lights while relay output #1 is activated to activate the lock. remove to shunt a Normally Closed• The red LED lights to show that relay output #2 is activated. system.WARNING: N.C. Set relay output #2 to Start / Stop mode if the inhibit control is used, all personnel must exit the protected premises before output #2 is activated. Otherwise, (programming option 51)personnel in the protected premises will not be able to exit until output #2 is turned OFF. N.C.COM N.O. N.C. magnetic contact• The user code for output #2 in this case should be given only to personnel authorized to enter the premises any time. It should not be given to other users. Output #2 SM-200Page 6 SECO-LARM U.S.A., Inc., Inc. Page 11Digital Access Keypad Manual Digital Access Keypad Manual Access Keypad ManualWIRING: Example Wiring, with Mantrap • For N.C. locking devices: Output 2 in series Connect output 2 in series parallel with the locking device. with the locking device. Output #1 Ou put #2 Output #1 Output #2 N C COM N O N C COM N O N C COM N O Electric Lock #1 DOOR #1 DOOR #2 – + – + 12–24V Tamper Cross wire connection for interlock functions Tamper – + AC/DC NC Common ground NC 12–24V power AC/DC supply O/P 1 nter ock nter ock power nh b t supply Electric Lock #1 – + O/P 1 nh b t Keypad Duress (-) Door Keypad Duress (-) Door Keypad Duress (-) Door AC/DC RELAYS button N.O. Output 1 Output #2 Egress (+) ( ) Output #1 Ou put #2 Egress (+) ( ) Output #1 Output #2 Egress (+) ( ) Output #1 Output #2 N C COM N O N C COM N O 12 24V AC/DC N C COM N O N C COM N O In12–24V • N.C 12–24V • N.C.AC/DC AC/DCpower -- Door #1 power -- Keypad Du ess (–) Doorsupply sensing supply in N.C one door sensor (+) Output #1 Output #2 Egress (+) ( ) Output #1 Ou put O/P Egress (–) Com gnd (–) of keypad & alarm system from inside) from inside) N.C. Relay output #2 1N4004 Cathode 1N4004 Cathode 12 24V AC/DC N C COM N O N C COM N O In 12–24V • N.O. Alarm arm/disarm control -- AC/DC Consult alarm system manual for how power -- supply COM to connect for N.C. operation)N.C. N.C. N.O. Tamper -- OR To a 24-hour N.C. zone.ST-UV12-S1.0Qinterlock -- Each keypad can be used as a stand-alone keypad. The mantrap feature is for a protected magnetic contact or some other N.C. device to detect whether a door is opened or closed. Do this connected in parallel ------------- for the two entrances to the protected premises.• Combine this wiring diagram with the diagram on page 7 if connection to an alarm control panel is required. Note • Connect output #2 to relay output #1 disable as shown on page 8 if inhibit control is required.• To use the mantrap feature: PLEASE ALSO REFER TO THE NOTES ON PAGE 6 FOR MORE GENERAL INFORMATION. •The electromagnetic or electric door lock operation is the same as page 6. o Use either the keypad from outside or the egress button from inside the protected premises to open or • Relay output #2 controls the arm/disarm of the alarm control panel. Consult the alarm control panel manual for more the two doors. information. o While the first door is opened, the first keypad sends a signal to the second keypad to prevent the second • Connect the duress output to a 24-hour N.O. zone and the tamper output to a 24-hour N.C. zone on the alarm control keypad from being used to open the second door. panel, o After the first door is closed, both keypads are ready to use. • The keypad's terminal ground (-) connects to the ground (-) wire of the alarm control panel to enable the two to workPage 10 SECO-LARM U.S.A., Inc., Inc. Page 7Page 8 SK-1123-SQ - User Control Chart Relay Output #1:Output: Shunt / Momentary (____secs.) Programmed For:_____ USER ID User NameAccess Code USER ID User Name Access Code 54321 54321 00 SAMPLE - John Doe 00 50 01 00 SAMPLE - John Doe 00 50 01 50 01 52 02 53 03 54 04 55 05 56 06 57 07 58 08 59 09 60 10 11 61 12 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 72 23 72 23 73 24 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 90 40 91 41 92 42 93 43 94 44 95 45 96 46 97 47 98 48 99 49 Relay Output #2: Output: Shunt / Momentary (____secs.) Programmed For:_____ USER ID User Name Access Code 0 5 1 6 2 7 3 8 4 9 Page 9 Note: copy this sheet to use for your installations.