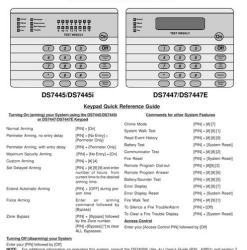
Reference Guide for the DS7400Xi (Ver. 4+) Control/Communicator



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Ds7400Xi V3+ User Manual

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11 Keypad Assignment Programming Program Addresses 31313138. Keypad Assignment Programming is where you assign the keypad type and the partition. Page 45 10.13 Emergency Key Programming Program Addresses 31473148. Emergency Key and Panic Key programming disables or activates these keys the A,. Page 46 10.14 Custom Arming Programming Program Addresses 27252728 ContinuedForce Arming programming defines how many zones may be. Page 48 10.16 Commercial Fire Mode Programming Program Address 2733. See Glossary section 6.12 for further details. 1 2This allows for a user with a General Authority level to Arm, Disarm. Page 52 10.24 DS7412 RS232 Interface Control Programming Program Address 4019. DS7412 RS232 Interface Control. Programming allows you to enable or disable. Page 53 10.27 Report Programming Program Addresses 32073419. Page 54 Report Programming ContinuedIf address 3155 is programmed to "Try DS7416i first", the. Page 56 10.29 Account Code Programming Program Addresses 34293459. Account Code programming defines the number transmitted to the central station that identifies. Page 57 10.30 Phone Number General Control Programming Program Address 3155. See Glossary section 6.14 for further details. The following table lists those Digital Alarm Communicator Receivers and Formats that When using the Pager Dialing Format selected in Addresses 3156 and 3157, you. Page 60 10.36 Octal Relay Module Output ProgrammingTo program an Octal Relay Module for Follow. Page 61 10.36 Octal Relay Module Output Programming continuedTo program an Octal Relay. Page 62 10.36 Octal Relay Module Output Programming continued To program an Octal Relay Module for. Page 63 10.36 Octal Relay Module Output Programming continuedTo program an Octal

Relay Module for.Program Address 2844. Page 66 10.37 Output Function Programming Program Addresses 27722843. Output programming allows you to have the Outputs follow status events by partition. Page 67 10.37. http://turbobg.com/fckeditorfiles/css-missing-manual-ebook.xml

1 Output Function Partition Assignment Program Addresses 28522863. The. Page 68 10.39 CallOut Timer Programming Program Addresses 40224025. This section allows you to define the Hour and Minute for the Communicator. Page 69 10.41 Alpha Description Programming Program Addresses 05452720, 50016920. Alpha Description Programming allows up to 16 characters to be programmed for. Page 70 10.41.1 Alpha Description Programming A WorksheetPage 82 Pager Format Continued. Suggested Values Reports with Restorals Before installing. Page 87 15.0 Troubleshooting Guide Entry Error Please Reenter will a Two or more. Page 88 Keypad Problems ContinuedPage 89 Zone Problems ContinuedZones 9 and above show Not Ready, a The multiplex expansion module. Page 90 General System Problems ContinuedPage 92 General System Problems ContinuedAddress Description Address Description Address Description Page 94 Address Description Address Description Address Description. Page 95 Address Description Address Description Address Description. Page 96 Address Description Address Description Address DescriptionPage 97 Address Description Address Description Address Description Page 98 Address Description Address Description Address DescriptionPage 99 Index. Symbols D K. No other investment can provide such peace of mind. Table of Contents. 11.3 Programming the DS7400Xi. The CMS7000 supervisory software can support DS7400XI alarm panels. The user can set. There are two Patrol plan executions, manual execution and automatic execution. Keypad Assignment Programming 22. Initiative vs guilt example, Sample ged test, Minidy manual focus cameras, Legal guide to independent contractor status, Leed example exam questions. Reload to refresh your session. Reload to refresh your session. Since each installation is unique, yours will contain some, but not necessarily all of the features mentioned in this guide. Command Control Stations Keypads The keypad is where you interact with the system.

The keypad displays critical information concerning the operation of your alarm system, plus it allows you to initiate commands such as arming and disarming. Protected Zones Your security system may contain protected windows and doors perimeter zones, plus various internal sensors. Your control panel separates perimeter zones from interior protection zones. Specific protection devices may include Glass Breakage sensors Interior Motion sensors Magnetic Contacts Smoke Detectors System Overview Devices that detect the sound of breaking glass. Electronic sensors i.e. passive infrared that detect movement within an interior zone. Switches used to detect the opening of doors or windows. Devices that detect products of combustion. This system includes a telephone line seizure feature. The system may be programmed to communicate with a central monitoring station to report system events. You will not be able to use your phone while the system is communicating with the central monitoring station. In the unlikely event that the central station is not able to receive the report, your phone may be unavailable for up to 20 minutes while the panel makes additional communication attempts. If it is not monitored, it is vital to understand the following Alarms sound only at your location. When an alarm is sounded, no signals are sent out. Duress and other silent alarms are disabled. Emergency alarms sound only at your location. Both display information on various control panel functions. A builtin sounder is used to annunciate keystroke entries and functions as an interior warning device. An exit delay is in progress or an alarm has occurred. The control panel is armed, and no alarms have occurred. Status green One or more zones are not ready to arm. One or more zones are bypassed. All zones are ready to arm. Power green The control panel has lost all power. There is no AC or battery. Control panel problems exist. See Error Displays. The control panel is in normal operation.

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It is running on AC power with no problems. Fire red There are no fire alarms. A fire zone is in

alarm. A fire trouble condition exists continued on next page. This Light will not flash. The perimeter is armed. Supervisory yellow There are no supervisory alarms present. A supervisory condition exists. This Light will not turn on steady. Bell Silenced red The bells do not need to be or have not been silenced. There has been a Fire alarm and the bells have been silenced. Trouble yellow There are no trouble conditions. A trouble condition exists. LEDs 18 red There are no zone alarms. A zone 18 has been alarmed. A zone 18 is Not Ready to Arm, or if a fire zone, a trouble condition exists. Note After the backlight and volume are adjusted you must arm and disarm the system once to store this information in the control panel. If power is disconnected before the panel is armed, the backlight and volume levels will return to the default settings. Type of Arming Desired Command Sequence What will Happen What to Do Normal Arming No one left on the premises. The red Armed Light will turn on steady after the exit delay expires. Exit during the exit delay interval. Note Perimeter Arming Someone still on the premises. A single beep will sound. Only exterior protection zones will be armed. In commercial burglar alarm applications for U.L. Listed systems, a ringback indication and bell test should be heard after arming closing. A single beep will sound. Maximum Security Arming No one left on the premises. There is NO entry delay in effect. CAUTION Violating any zone after the exit delay will cause an instant alarm. Note In commercial burglar alarm applications for U.L. Listed systems, a ringback indication and bell test should be heard after arming closing. If Quick Arming is not used, a PIN must be entered at the beginning of all arming command sequences. If you have entered the building through a perimeter door, you may hear a steady prealert tone from the keypads.

If so, disarm according to the chart below. The keypad will also issue a pulsed tone during the entry delay instead of the usual steady tone. If the alarm has not been previously investigated, do not enter the building unless accompanied by the appropriate Emergency Services personnel. Prealert sounders will silence. When one or more zones are faulted, the system may be Force Armed if programmed by bypassing the faulted zones. Force Arming during an AC power failure Regular arming of the control panel is not permitted during an AC power failure. Having to Force Arm serves as a warning that the control panel is operating under backup battery. WARNING Bypassing or Force Arming removes some of your building s protection because it excludes the faulted zones from arming. Therefore, an intrusion may not be detected or the detection may be delayed. Always attempt to correct any zone problems close doors and windows, etc. before using these features. If the problem can not be corrected, contact your installing company. Note See Zone Bypass for an alternate method of arming the system when faults exist. Force arming is not available in U.L. Listed systems. Type of Arming What will Happen What to Do What will Happen What to Do Force Arming Enter any arming command A five second beep occurs, indicating the control panel has faulted zones and needs to be Force Armed, or a threebeep error tone occurs indicating Force Arming has not been accepted or allowed. The red Armed Light will flash during the exit delay. The control panel will arm with the faulted zones bypassed, or a threebeep error tone occurs indicating Force Arming has not been accepted or allowed. Exit during the exit delay interval if leaving There may be occasions when it is desirable or necessary to temporarily bypass one or more zones prior to arming the system. Bypass commands only work when the control panel is disarmed. If more than one zone requires bypassing, simply enter the additional zone numbers.

Note See Force Arming for another method of zone bypassing. Individual zone bypasses will be cleared. Arm control panel, if desired, after bypassing. The zone number must be entered as a three digit number. Example 001, 062, 125, etc. Note All bypasses are cleared when the system is disarmed, unless they are 24hour zones. To clear a bypass on a 24hour zone, use one of the two methods above. If bypassing is performed from a Master keypad, you must be in Single Partition Mode The user will only be allowed to program the partitions to which they are assigned. If programming from a standard keypad, or from a Master Keypad in single partition mode, this step

will be skipped. The display will start with Sunday. It will read, Sunday nn nn Enter a time for each day. The user will only be allowed to program the partitions to which they are assigned. It will read, Sunday nn nn Enter a time for each day. To inform occupants that the system is about to arm, a prearming period will begin 15 minutes before the system arms automatically. The keypad sounders, and any outputs programmed to follow the keypad sounders, will pulse five times every minute. During the last five minutes before arming, these sounders will be on steady. If used in single partition mode, or from a single partition keypad, it will affect only the partition you are working in. Note The keypad volume setting also applies to the Auto Arm tone Delayed arming is simply causing the system to arm after a specified number of hours. Additional Notes Delayed arming can be used even if there are no automatic arming times programmed. If delayed arming is used in Master Keypad mode, it will affect all partitions you have access to. If delayed arming is used in single partition mode, or from a single partition keypad, it will affect only the partition you are working in. Delayed arming will override automatic arming.

Delayed arming will also provide a 15 minute prearm period like the one provided with automatic arming This will only activate or deactivate the keypads in the partition you are entering from. If this is performed from a Master keypad, you must be in Single Partition Mode Your system may use a keypad key sequence to activate other electrical devices. The special PIN required to perform this function is known as an Access Control PIN. This feature can be used in armed or disarmed modes. Access PIN activations are recorded at the History Buffer. The PIN may control devices that activate for a short period of time i.e. electric locking mechanisms on a door. This feature must be disabled on U.L. Listed systems. The control is not a listed access control unit UL294 You should write down your entries before you enter the Master Code Programming Mode and have them with you as you begin programming. Make your entries promptly. If a delay of 15 seconds or more occurs between your entries, the 3beep error tone occurs and exits you from the programming mode. Month, Day, Year A long beep signifies acceptance. You should write down your entries before you enter the Master Code Programming Mode and have them with you as you begin programming. If a delay of 15 seconds or more occurs between your entries, the 3beep error tone occurs and exits you from the programming mode. You should write down your entries before you enter the Master Code Programming Mode and have them with you as you begin programming. If a delay of 15 seconds or more occurs between your entries, the 3beep error tone occurs and exits you from the programming mode. It is important to learn the difference between a fire alarm sound and an intrusion alarm sound before you are confronted with an actual emergency. Silencing Alarms All alarms can be silenced with any PIN that has disarm privileges. A Cautionary Note How you respond to an alarm will depend, mostly, on the type and time of the alarm.

You should seek the advice of your installing company as they install your system, not later i.e. after an alarm to develop a response plan. Above all else, common sense should prevail. If there is any threat or hint of danger to yourself or others on the premises, such as in the event of a fire alarm, everyone should be instructed to leave the premises immediately. Do not enter the premises unless accompanied by the appropriate Emergency Services personnel, or after they have given the OK to enter. The Fire Alarm system will not be functional until this procedure has been followed. See Fire Reset 22 Turning OFF disarming your System under Duress This chart explains the proper procedure for disarming under Duress. Ask your installer if the Duress feature has been activated. A Duress code is used when someone demands, by threatening your life or wellbeing, that the system be turned off. When used, the code will both turn off the system and report a silent Duress alarm if connected to a monitoring service. Extreme care should be used when entering your PIN to turn off the system, so a Duress code is not inadvertently entered. Ask your installing company to explain the function of these keys. When using the Emergency Keys, they must be pressed for two seconds to generate an alarm. Note If the Emergency Alarm Keys are to be used, they should be labeled to signify their functions. The A key should be labeled as the Fire key. This is the only key that may be

designated as the Fire key. The B key should be labeled as the Special Emergency key. The C key should be labeled as the Panic key. Note To use the System Reset command sequence, your PIN must have disarm privileges. The System Reset command will perform a fire reset, a battery test and will clear all system troubles. Fire Trouble A Fire Trouble message with a zone number signifies a problem with the fire system, such as a break in the wiring that monitors smoke detectors.

A Fire Trouble message with no zone number indicates a ground fault if the unit is in the Commercial Fire Mode. A Fire Trouble will be indicated by a short beep from the keypad sounders every 10 seconds. Notify your installing company immediately if the Fire Trouble message is displayed. This fire alarm system can provide early warning of a developing fire. Such a system, however, does not ensure protection against property damage or loss of life resulting from a fire. Any fire alarm system may fail to warn for any number of reasons i.e. smoke not reaching a detector that is behind a closed door. This standard is available at a nominal cost from The National Fire Protection Association, Batterymarch Park, Quincy, MA If Installed in Family Residences Adherence to the NFPA Standard 72 can lead to reasonable fire safety when the following items are practiced Minimize hazards Avoid the three traditional fire killers smoking in bed, leaving children home alone, and cleaning with flammable liquids. Providing a fire warning system Most fire deaths occur in the home with the majority during sleeping hours. The minimum level of protection requires smoke detectors to be installed outside of each separate sleeping area and on each additional story of the dwelling. For added early warning protection, it is recommended that detectors be installed in all separated areas including the basement, bedrooms, dining room, utility room, furnace room and hallways. Having and Practicing an Escape Plan A fire warning may be wasted unless the family has planned in advance for a rapid and safe exit from the building. Draw a floor plan of the entire house showing two exits from each bedroom and two from the house. Since stairwells and hallways may be blocked during a fire, the plan should provide exits from bedroom windows. Make copies of the plan and practice it with all family members. Prearrange a meeting place outside and away from the residence.

Children should be instructed on opening their bedroom windows and exiting safely from the building. If exiting is not possible, they should be taught to stay at the open window and shout for help until it arrives. In the event of a fire alarm after retiring, wake the children by shouting to them from behind your closed door. Tell them to keep their bedroom doors closed. If the top of your bedroom door is uncomfortably hot, do not open it. There is most likely fire, intolerable heat or smoke on the other side. Shout to all family members to keep their bedroom doors closed and to exit the building via alternate routes. If the top of the door is not uncomfortably hot, brace the bottom of the door with your foot, and the top with one hand, then open the door about one inch. Be prepared to slam the door shut if there is any pressure against the door or if any hot air rushes in. If there is no evidence of excessive heat or pressure, leave the room and close the door behind you. Shout appropriate instructions to all family members and immediately leave the building via the preplanned routes. If heavy smoke is present, drop to your hands and knees, or crawl to remain below the smoke level. Installation Considerations Proper location of detection devices is one of the most critical factors in a fire alarm system. Locations near air inlets should be favored. Avoid areas subject to normal smoke concentrations such as kitchens, garages, or near fireplaces. Do not install smoke detectors where normal area temperatures are above 100 degrees F 38 degrees C or below 32 degrees F 0 degrees C. Areas of high humidity and dust concentrations should be avoided. The edge of ceiling mounted detectors should be no closer than 4 inches 10 cm from any wall. This is the 4 digit code users must enter at the keypad to gain access to the system. A PIN may be assigned to each User Number 001 through 090. User Number This is the number that identifies each person using the system.

There are 90 possible User Numbers available for use 001 through 090. Authority Level This number

determines which functions each user will be able to perform see page 29. Your system has the capability to assign up to 90 PINs, each four digits long. Each User Number can have only one PIN assigned to it. Attempting to assign the same PIN to multiple User Numbers will result in the threebeep error tone, and the entry will not be made. User Number 001 is designated as a Master code. It can be used to add, delete, or change other PINs. It will always have access to all partitions regardless of how it is programmed. User Number 001 is shipped from the factory with the PIN of This PIN should be changed to one of your personal preference and must be programmed as a Master code. PINs should never be programmed with common sequences such as,, or because they are easily violated. You should write down your entries before you enter the Master Code Programming Mode and have them with you as you begin programming. User Number 001 must have the Master authority level. It can arm and disarm the system, but can not perform any other functions. Clear the Error Display only on the advice of your installing company or if you are certain the problem has been remedied. There is a power failure and the panel is operating on backup battery. The communicator failed to communicate with the central station. Internal error in the control circuitry or optional circuitry. See next page. LED 5 on LED 6 on LED 7 on LED 8 on Keypad Fault Keypad Tamper Multiplex Bus Aux. Power Fault Zone Trouble One of the keypads is not responding to the control panel. One of the keypad housings has been opened. The multiplex bus is defective or has been shorted. The auxilliary power has been shorted. One of the zones is not responding to the control panel. This may also be displayed during powerup. If so, ignore it. Note System faults may be read from any keypad because they are systemwide.

All other Error Displays are limited to the partition the standard keypad is in. It is recommended that the system be tested weekly. The Zone Test is used to confirm that detectors will report alarms to the keypad. A Zone Test works on all zones, except 24hour zones and fire zones. While the keypad is in a Zone Test, no control panel alarms will activate an alarm, except 24hour zone alarms and fire alarms; these will override the Zone Test function. It returns to Test Zone after the violation. What to Do Test each detector one at a time as instructed by the installing company. If a power failure occurs, your control panel has a builtin battery that will continue to power the control panel for many hours. The control panel automatically recharges the battery when power is restored. In addition to an automatic battery test performed every 2 minutes, the battery may also be tested manually. If the battery voltage is low, a battery fault will occur see Error Displays. The keypad sounder and all alarm sounding devices will operate for 2 seconds. If test fails, the control panel will indicate a control problem. See Error Displays. If power in your building has been off recently, wait 2 hours for the battery to recharge and then try again. This test is available only if your system transmits alarms and system information to a monitoring service, and has been programmed by the security installing company to permit communicator tests. This test can be performed from a Master Keypad. A long beep will initially sound to acknowledge the start of the test. If the test is successful, the sounder will again issue one long beep. If the test fails, the keypad sounder will turn ON continuously. A Test report is sent to the monitoring service. If test fails, the keypad sounder will sound continuously.

Note This test may take several minutes to complete because the control will try 10 attempts before it fails this test 35 Testing your System continued This chart explains the procedure for performing a Fire Walk Test. This test is used to confirm that Smoke detectors will report alarms to the keypads. The Fire Walk Test tests all fire zones, including verified fire and waterflow. At the start of the Fire Walk Test a Fire Walk Test report, if programmed, is sent to the central station. Fire alarm reports are not sent to the central station during the Fire Walk Test. A Fire Walk Test restoral is sent upon completion of the Fire Walk Test. The Fire Walk Test is enabled for 20 minutes once it is started. The test time is extended to 20 minutes every time another zone is tested. When a fire zone is tested, any output programmed to follow that zone will activate for 5 seconds. It returns to Fire Test after the violation. A Fire Walk Test will prevent the system from sending any Fire Reports during the test 36

Event History Readback This chart explains the procedure for performing an Event History Readback. The History Buffer stores the last 400 events in memory. Each event consists of two or three lines or display screens. When performing this from a Master keypad, each partition will display its own history View more Detection Systems, Inc.

, 130 Perinton Parkway, Fairport, ARMED Light is on when armed; off when disarmed; flashes to indicate a previous Security System Users Guide Some terms widely used within The system can be programmed to communicate with a central monitoring station Vision is an advanced microprocessor based alarm system which provides fire and burglar This certification means that the equipment Some terms widely used within the industry are these Arm and Disarm Your The DESTINY has been designed to provide you with a maximum level of security The entire manual should be carefully The entire manual should be carefully Follow the instructions in the proceeding The entire We understand the importance Micron product is manufactured to exacting quality standards. We understand Read this manual carefully and become familiar Programs 1, 2 and 3. Access codes. How to operate Personal Attack The Alpha II Command Center YOUR ALARM COMPANY IS CALL BEFORE TEST The Alpha II Command Center is an advanced digital arming station that To use this website, you must agree to our Privacy Policy, including cookie policy. Page Count 92 Connect device to Aux. Shared cable is not recommended for keypad, multiplex, options bus, telephone, or siren wiring. 1.7 Communicator Will report to two phone numbers with full single, double and back up reporting. FCC Registration Number is ESVUSA75333ALE The ringer equivalence is 0.1B Commercial Fire CSFM Listing Number is 71651062111 Residential Fire CSFM Listing Number is 71671062111 1.8 Partitions The system has the capacity for 8 independent partitions. One p ar tition may be a common area. 1.9 Users The DS7400Xi system allows up to 90 individual users. Do not use twisted pair or sheilded cable for multiplex bus wiring. Standby for 8 hour s Max. St andb v for 2 4 hours Max. Standby for 48 hours Max. Stan dby for 60 hours Max. Standby for 7 2 hours Max. St andby for 80 h ours Max. T ot al of all outputs cann ot ex ceed 750 mA.

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