

AMERICAN ACCESS SYSTEMS, INC.



ADVANTAGE DKS

INSTALLATION & SETUP INSTRUCTIONS

**MODEL:
12-000(i)**



AAS 2-Year Limited Warranty

What item(s) this warranty applies to:

American Access Systems "DKS (12-XXXX series)" access controls..

What is covered:

Any defect in materials or workmanship.

For how long:

Two years from date of purchase.

What we will do:

If your AAS product is defective and returned within 2 years of the date of purchase, we will repair it or, at our option, replace it at no charge to you. If we repair your AAS product, we may use new or reconditioned parts. If we choose to replace your AAS product, we may replace it with a new or reconditioned one of the same or similar design. The repair or replacement will be warranted for (a) 90 days or (b) the remainder of the original two year warranty period, whichever is longer.

Limitations:

Implied warranties, including those of fitness for a particular purpose and merchant ability (an unwritten warranty that the product is fit for ordinary use), are limited to two years from date of purchase. We will not pay for loss of time, inconvenience, loss of use of your AAS product, service calls, or property damage caused by your AAS product or its failure to work, or any other incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

What we ask you to do:

To get warranty service for your AAS product, you must provide proof of the date of purchase. Contact the original dealer or installer of the product and return your AAS product along with the receipt to them. If you have problems locating the dealer or installer contact American Access Systems at (303) 799-9757 and we will direct you to an authorized dealer or distributor of American Access Systems products. If you ship your AAS product, you must prepay all shipping costs. We suggest that you retain your original packing material in the event you need to ship your AAS product. On return, include your name, address, phone number, proof of date of purchase, and a brief description of the operating problem.

What this warranty does not cover:

This warranty does not cover defects resulting from accidents, damage while in transit, alterations, unauthorized repair, failure to follow instructions, misuse, fire, flood, or acts of God. Nor do we warrant your AAS product to be compatible with any particular external device or peripheral. If your warranty has expired on your AAS product or if your product is NOT covered contact your dealer or installer for advice on whether we will repair your AAS product and other repair information, including estimated repair costs and other charges. We, at our option, may replace rather than repair your AAS product with a new or similar design if the damage to the unit is severe or extensive.

This warranty is the only one we give on this product, and it sets forth all our responsibilities regarding your AAS product. There are no other express warranties.

State Law rights:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

AMERICAN ACCESS SYSTEMS, INC.
6950 - "O" S. TUCSON WAY
ENGLEWOOD, CO. 80112
PH: (303) 799-9757
FAX: (303) 799-9756

BEFORE PROCEEDING

To take full advantage of the 24 month limited warranty, you must be registered with American Access Systems, Inc. Please read the enclosed warranty statement, (pg 2), fill out the warranty registration card provided, and send it to:

**American Access Systems, Inc.
Warranty Registration
P.O. Box 4301
Englewood, Co. 80155**

INTRODUCTION

Your new DKS unit is a high quality, commercial, digital key control station. The unit is designed to interface with the DKS control key station model numbers 12-100(i), 12-500(i), 12-1000(i) or 12-2000(i). The unit is encased in a durable, powdercoated, metal enclosure featuring a stainless steel faceplate with night light and metal keypad.


STEP 1-MOUNTING THE UNIT

Mounting the unit to your own pedestal


Your unit comes with a square mounting flange found in the bottom of the box along with four carriage bolts and four hex nuts. The square mounting flange may be welded to your pedestal and the flange bolt pattern will align with the back of the unit. Place the unit up to the flange and insert the carriage bolts from the back side. Secure the unit to the flange by tightening down the hex nuts with a 7/16" socket.

Mounting the unit to an AAS gooseneck (18-001) or double height (18-003)pedestal

18-003




18-001



Locate the four carriage bolts and four hex nuts found inside the unit box. Place the unit up to the pedestal flange and insert the four carriage bolts from the backside. Secure the unit to the pedestal using the four hex nuts and a 7/16" socket. The extra square mounting flange may be discarded.

Mounting the unit to an AAS diagonal pedestal (18-002)

18-002

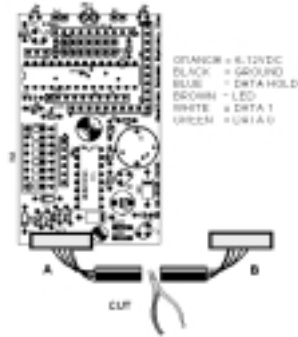


Locate the four bolts provided with the pedestal. Place the unit up to the pedestal so that the unit hole pattern aligns with the pre-tapped pedestal bolt holes. Insert the pedestal bolts from the inside of the unit and tighten down with a 7/16" socket. The extra square mounting flange, four carriage bolts, and four hex nuts provided inside the unit box may be discarded.

STEP 2-CABLING

CABLE TYPE: 6 CONDUCTOR TWISTED FOIL SHIELDED
(22 guage BELDEN #9942)
MAX DISTANCE: 500 FEET

Run 6 conductor twisted foil shielded cable between the 12-000 SLAVE and 12-100(i), 12-500(i), 12-1000(i), or 12-2000(i) MASTER. Keep the cable separated from high voltage 6" for every 110 volts. Locate the 12-000 SLAVE wire harness and cut with a pair of wire cutters at approximately the mid point of the cable. The A and B ends of the cable are keyed and can only be plugged into the circuit boards one way. **DO NOT FORCE THE CONNECTORS.** Make sure the A end is plugged firmly to the 12-000 SLAVE board and plug the B end into the MASTER board marked SLAVE

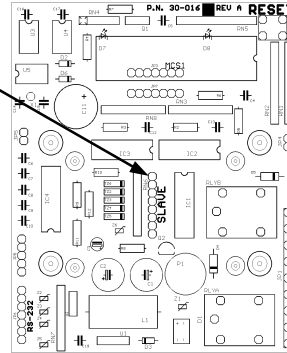


THE IDLE MODE

The idle mode is the mode of operation in which the unit sits and waits for data from the keypad. When a key is pressed you will have approximately 3 seconds between keypresses before the unit resets.

THE LED'S

The yellow LED serves as a ready indicator and stays lit while the 12-000 is waiting for data from the keypad. When a key is pressed the yellow led will go out until either 5 numeric keys are pressed on the keypad or a time of 3 seconds is exceeded between keypresses. The red LED will light when a valid code is entered from the slave.



THE * AND # KEYS

The * and # keys both serve as clear keys and should be used if an entry error is made. A double beep will be heard from the unit when either key is pressed.

ENTERING DATA

A beep will be heard from the unit when a numeric key is pressed. You may enter any 5 digit code from the keypad from 00000 to 65534. If a number greater than 65534 is entered, the unit will error internally and data will not be transmitted from the unit.

THE DIP SWITCHES

The dip switches are not utilized if you are interfacing the 12-000(i) slave to an AAS DKS system and all the dip switches should be set to off. Should you be interfacing the slave to a 3rd party system, contact American Access Systems for the appropriate dipswitch programming instructions.