



# Programming GUIDE

DASII-2021

## Table of Contents

---

|  |          |
|--|----------|
| <b>DAS II Multi sensor programming (NON DC3 CM)</b>                    | <b>3</b> |
| <b>DAS II sensor adjustment table</b>                                  | <b>4</b> |
| <b>DAS II OPTIONAL Shock sensor adjustment procedures (NON DC3 CM)</b> | <b>5</b> |
| <b>DAS II Multi sensor programming DC3 CM</b>                          | <b>6</b> |
| <b>DAS II sensor adjustment table</b>                                  | <b>7</b> |
| <b>NOTES</b>   | <b>9</b> |

## FT-DASII (Digital Adjustable Sensor gen II)

The DAS II has a built-in accelerometer that monitors sudden movement forward or backward during the remote start process when starting a manual transmission vehicle. **DAS II**

**ACCELERAMETOR DOES NOT WORK IN AUTOMATIC TRANSMISSION MODE.**

The DAS II also includes a dual stage impact sensor, and auto adjusting tilt sensor, and glass break sensor all in one. Follow the steps below to properly setup your DAS II sensor levels. You can view our programming/ demonstration video located in our video library at [www.install.myfirsttech.com](http://www.install.myfirsttech.com).

### Pre Installation Notes:

- **Make sure to mount the sensor before testing, we recommend a solid - semi solid surface centrally located in the vehicle for the best results.**
- **Always fully test each sensor before delivering the vehicle.**
- **For more accurate testing make sure all the windows and doors are closed before you begin testing**

### DAS-II Programming Procedure (NON DC3 CM)

**STEP 1:** Turn the ignition to the 'on' position

**STEP 2:** Send Unlock command 2 times (unlock => unlock) using any Firstech remote or OEM remote (**capable of Controlling the CM through data module**) At this time the DAS-II display will initialize and stay powered up for at least 5 minutes or until ignition is off.

**STEP 3:** Push the programming button repeatedly until the desired sensor has been selected 1-5 shown in the table below. *(The programming button will be used to navigate the sensor adjustments and sensitivity once a sensor has been selected.)*

**STEP 4:** Once the sensor has been selected hold the programming button for 2 seconds to confirm selection and enter sensitivity adjustment. The adjustment options will now be accessible with default setting displayed. (Sensitivity options will be shown in table below.)

**STEP 5:** push the programming button repeatedly until desired sensitivity level is reached (**setting 0 will indicate sensor is OFF => except option 2 window break sensor conditions**)

**STEP 6:** Hold programming button for 2 seconds to save sensitivity setting. After the setting is saved the sensor will start over at sensor 1 again. *(if the programming button is not pressed within 5 seconds after setting the LED will flash 2 times save the setting and exit that sensor programming)*

**STEP 7:** Programming completed, turn vehicle off, close all windows and doors and begin testing

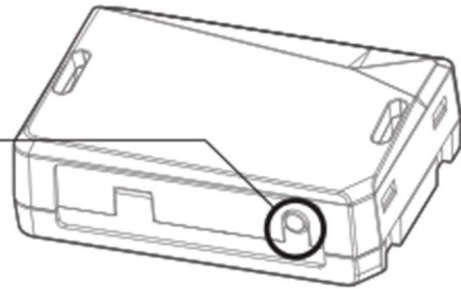
# DAS II Manual

FIRSTECH, LLC.

## DAS II Programming Button Menu

### Programming button

- 1. Shock
- 2. Window Break Sensing Condition
- 3. Window Break Sound Sensitivity
- 4. Tilt
- 5. Movement



|   | Feature   | Press Button | Mode Display       | Sensitivity Adjust |                  |         |                     |
|---|---|--------------|--------------------|--------------------|------------------|---------|---------------------|
| 1 | <b>Shock Level (Prewarn)</b><br>10 Levels         | 1 time       |                    |                    |                  |         |                     |
|   |   |              | Red LED ON         | OFF                | High sensitivity | Default | Low sensitivity     |
| 2 | <b>Window Break Sensing Condition</b><br>2 Levels | 2 times      |                    |                    |                  |         |                     |
|   |   |              | Red & Green LED ON | -                  | Sound Only       | Default | Sound and Vibration |
| 3 | <b>Window Break Sound Sensitivity</b><br>6 Levels | 3 times      |                    |                    |                  |         |                     |
|   |   |              | Green LED ON       | OFF                | Low sensitivity  | Default | High sensitivity    |
| 4 | <b>Tilt</b><br>4 Levels                           | 4 times      |                    |                    |                  |         |                     |
|   |   |              | Red LED Flash      | OFF                | 3.0°             | Default | High sensitivity    |
| 5 | <b>Movement</b><br>3 Levels                       | 5 times      |                    |                    |                  |         |                     |
|   |   |              | Green LED Flash    | -                  | 5 inch           | Default | 3 inch              |

### OPTIONAL DAS2 Shock Sensitivity ONLY adjustment procedure (NON DC3 CM ONLY)

**STEP 1:** Turn the ignition to the 'on' position.

**STEP 2:** 2 Way remotes-hold buttons 1 and 2 (Lock and Unlock) for 2.5 seconds. You will get two parking light flashes. 1 Way remotes-hold Lock and Unlock for 2.5 seconds. You will get two parking light flashes.

**STEP 3:** To set the Warn Away Zone 1, (2way LCD) tap lock or button I. (1 Way) tap Lock. After you get one parking light flash, proceed with impact testing on the vehicle. **Note: please be careful as not to damage the vehicle during the sensitivity adjustments.** You will get siren chirps **1-most sensitive** (lightest impact to the vehicle requiring the least amount of force to trigger warn away) through **10-least sensitive** (heaviest impact to the vehicle requiring more force to trigger warn away). This sets the impact sensitivity of Warn Away Zone 1. **Setting Zone 1 will automatically set Zone 2. If you would like to manually set Zone 2 proceed:**

- a. To set Instant Trigger Zone 2, tap button 2. (1 Way: Unlock) After you get two parking light flashes, tap the vehicle. You will get siren chirps 1-most sensitive through 10-least sensitive. This sets the impact sensitivity of Instant Trigger Zone 2.

**STEP 4:** Once you get two parking light flashes, you are ready to test your DAS.

### OPTIONAL DASII Shock Sensitivity ONLY adjustment procedure (NON DC3 CM ONLY)

**STEP 1:** Turn the ignition to the 'on' position

**STEP 2:** Hold Foot Brake (make sure the CM sees a valid foot brake input)

**STEP 3:** Tap Lock 3 times from any Firstech remote (including 1Button remotes)

**STEP 4:** Release Foot Brake \*Parking lights will flash 2 times confirming DAS is in programming mode

**STEP 5:** The CM will chirp/honk/flash (1-10 times) indicating the current sensitivity level

**STEP 6:** Using any Firstech remote, OEM remote (**capable of Controlling the CM through data module**), or the Arm/Disarm analog **inputs**, tap lock or unlock 1 time to increase or decrease 1 level of sensitivity (up to 10 (least sensitive) or down to 1 (most sensitive)) which should be confirmed by chirps/horn honks/ flashes

***\*repeat this process until desired sensitivity level has been reached***

- a. Example 1. Current sensitivity level is 4, we send 1 lock we should receive 1 chirp or 1 horn honk after 1 second of no incoming commands

- b. Example 2. Current level is set at 4, we send lock + lock + lock, after 1 second of no incoming commands we should receive 3 chirps or horn honks
- c. Example 3. Current level is now set at 7, we send unlock + unlock, after 1 second of no incoming commands we should receive 2 chirps/horn honks/park light flashes

**STEP 7:** 5 seconds after the last setting change confirmation the CM will chirp/horn honk/flash the sensitivity level \*you will have an additional 5 seconds to make any adjustments

**STEP 8:** Programming completed, turn vehicle off, close all windows and doors and begin testing

## DC3 DASII programming procedure

**STEP 1:** Turn the ignition to the 'on' position

**STEP 2:** Send Unlock command 2 times (unlock => unlock) using any Firstech remote. At this time the DAS-II display will initialize and stay powered up for at least 5 minutes or until ignition is off.

**STEP 3:** Push the programming button repeatedly until the desired sensor has been selected 1-5 shown in the table below\*\*. (*The programming button will be used to navigate the sensor adjustments and sensitivity once a sensor has been selected.*)

**STEP 4:** Once the sensor has been selected hold the programming button for 2 seconds to confirm selection and enter sensitivity adjustment. The adjustment options will now be accessible with default setting displayed. (Sensitivity options will be shown in table below.)

**STEP 5:** push the programming button repeatedly until desired sensitivity level is reached (**setting 0 will indicate sensor is OFF => except option 2 window break sensor conditions**)

**STEP 6:** Hold programming button for 2 seconds to save sensitivity setting. After the setting is saved the sensor will start over at sensor 1 again. (*if the programming button is not pressed within 5 seconds after setting the LED will flash 2 times save the setting and exit that sensor programming*)

**NOTE: FOR DC3 it is recommended the sensor levels be set to H or the highest setting. At this point make further adjustments or fine tuning using the sensitivity dial (OFF=>1-10)on the end of the DC3. This will allow for easier continuous adjustment throughout the testing process.**

**STEP 7:** Programming completed, turn vehicle off, close all windows and doors and begin testing

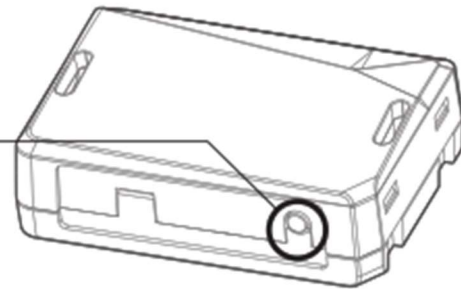
# DAS II Manual

FIRSTECH, LLC.

## DAS II Programming Button Menu

### Programming button

- 1. Shock
- 2. Window Break Sensing Condition
- 3. Window Break Sound Sensitivity
- 4. Tilt
- 5. Movement



|   | Feature   | Press Button | Mode Display           | Sensitivity Adjust |                      |             |                         |
|---|---|--------------|------------------------|--------------------|----------------------|-------------|-------------------------|
| 1 | <b>Shock Level (Prewarn)</b><br>10 Levels         | 1 time       | <br>Red LED ON         | <br>OFF            | <br>High sensitivity | <br>Default | <br>Low sensitivity     |
| 2 | <b>Window Break Sensing Condition</b><br>2 Levels | 2 times      | <br>Red & Green LED ON | -                  | <br>Sound Only       | <br>Default | <br>Sound and Vibration |
| 3 | <b>Window Break Sound Sensitivity</b><br>6 Levels | 3 times      | <br>Green LED ON       | <br>OFF            | <br>Low sensitivity  | <br>Default | <br>High sensitivity    |
| 4 | <b>Tilt</b><br>4 Levels                           | 4 times      | <br>Red LED Flash      | <br>OFF            | <br>3.0°             | <br>Default | <br>High sensitivity    |
| 5 | <b>Movement</b><br>3 Levels                       | 5 times      | <br>Green LED Flash    | -                  | <br>5 inch           | <br>Default | <br>3 inch              |

**WARNING:** Manufacturer or seller assumes no responsibility for any injuries and/or damages caused by improper care of the product such as decomposition, conversion, and transform done by a user voluntarily.

**WARNING:** There should be no wiring routed around any pedals which can cause a driving hazard

### Technical Support Contacts

---

Firstech technical support is reserved for authorized dealers **ONLY consumers must contact client services for assistance.**

Monday - Friday: 888-820-3690  
(7:00 am – 5:00 pm Pacific Standard Time)

**AUTHORIZED FIRSTECH DEALERS ONLY Email:**

[support@compustar.com](mailto:support@compustar.com)

Web: <https://install.myfirstech.com>

### Wiring Diagrams

Go to <https://install.myfirstech.com> to access wiring info. If you are an authorized dealer and unable to access this site, please contact your sales rep or we call 888-820-3690 Monday through Friday, 8 am to 5 pm Pacific Standard Time.



# NOTES: