

#### FT-DAS (Digital Adjustable Sensor) (Not Programmable with OEM Remotes)

The DAS has a built in accelerometer that monitors sudden movement forward or backward during the remote start process when starting a manual transmission vehicle. DAS ACCELERAMETOR DOES NOT WORK IN AUTOMATIC TRANSMISSION MODE. **Warning: DO NOT CUT THE LOOP FOR MANUAL TRANSMISSION VEHICLE Manufacturer or seller assumes no responsibility for any injuries and/or damages caused by this improper conversion and transform of the product done by a user voluntarily.**

It also includes a dual stage impact sensor, and auto adjusting tilt sensor. Follow the steps below to properly setup your DAS sensor. You can view our programming/ demonstration video located in our video library at www.firstechdata.com.

#### Installing Your DAS

**STEP 1:** Make sure Option 4-12 is set to the DAS option. (Default is DAS option 1)

**STEP 2:** Set switch 1 and 2 on the side of the DAS. \*See below for explanation of switches.

**STEP 3:** Connect cable to the red 4 pin port on the CM7 Series module.

**STEP 4:** Mount DAS securely using zip ties or included hardware. Can be mounted in any orientation.

Tilt will set 30 seconds after arming.

Switch 1:	ON - 3 Degree Tilt	Switch 2:	ON - 4 Inch Movement
	OFF - 1.5 Degree Tilt		OFF - 3 Inch Movement

#### Adjusting DAS Shock Sensitivity (CM7000, \*CM7200, CM6300)

**STEP 1:** Turn the ignition to the 'on' position. \*(CM7200: Feature 3-06, FO2 must be selected)

**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 DAS Shock Sensitivity setting Procedure (CM7000, \*CM7200)

**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 CM7 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*

- 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
- 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
- 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.

**STEP 9:** You are now ready to test the DAS

### 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 ACCCELERAMETOR DOES NOT WORK IN AUTOMATIC TRANSMISSION MODE. **Warning: DO NOT CUT THE LOOP FOR MANUAL TRANSMISSION VEHICLE Manufacturer or seller assumes no responsibility for any injuries and/or damages caused by this improper conversion and transform of the product done by a user voluntarily.**

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.firstechdata.com](http://www.firstechdata.com).

#### NEW\*\* DAS-II (compatible w/ CM7 v3.5+) Programming Procedure

**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 CM7 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:** Turn ignition off to exit programming

	Feature	Button Press	Mode Display	Sensitivity Adjust				
1	Shock Level (Prewarn)	1 time						
			Red LED ON	OFF	High sensitivity	Default	Low sensitivity	
2	Window Break Sensing Condition	2 times		-				
			Red & Green LED ON	-	Sound Only	Default	Sound and Vibration	
3	Window Break Sound Sensitivity	3 times						
			Green LED ON	OFF	Low sensitivity	Default	High sensitivity	
4	Tilt	4 times						
			Red LED Flash	OFF	Low sensitivity	Default	High sensitivity	
5	Movement	5 times		-				
			Green LED Flash	-	Low sensitivity	Default	High sensitivity	