# Digital Application Sheet

| | |
|---|---|
| VEHICLE MANUFACTURER | IRISBUS |
| MODEL | COACHES |
| YEAR OF MANUFACTURE | 2005—ON |
| ENGINE TYPE | RENAULT DIESEL |
| TRANSMISSION | ALL |
| VOLTAGE | 24V |

## STONERIDGE DIGITAL KIT FOR THIS VEHICLE: 7800-xx

| PARTS LIST | QUANTITY | STONERIDGE PART NO. |
|---|---|---|
| SE5000 TACHOGRAPH | 1 | 5011KRM |
| INSTALLATION KIT | 1 | 7450-330 |
| SENDER | 1 | 9954-2XX |
| SENDER CABLE | 1 | 7754-6XX |
| SHROUD SEALING KIT | 1 | 7800-006 |
| DRIVER QUICKGUIDE | 1 | 102022P/01 |
| INSTALLATION KIT | 1 | 7450-330 |
| | | |
| | | |
| | | |

**A KRM series SE5000 programmed using the SE5000 Configuration System can also be used in this vehicle.**

To configure the SE5000 KRM using the SE5000CS, select the COACH 2005-ON icon within the IRISBUS manufacturer type.

Ensure 2nd Source of motion is set to A CAN & C CAN and 2nd Source CAN message is set to Heavy within Sensor Test within MKIII Programmer on Optimo.

## FITTING INFORMATION

THE LIST OPPOSITE CONTAINS THE SENDERS THAT MAY BE FITTED TO THESE VEHICLES.
THE LENGTH 'L' IS MEASURED FROM THE WASHER TOUCHES THE BODY OF THE SENDER TO THE TIP OF THE SENDER.

IRIS BUS SENDERS.

| STONERIDGE PART No | DESCRIPTION. |
|---|---|
| 9954-250 | L=19.8 WITH 1.2mm WASHER |
| 9954-261 | L=19.8 WITH 1.8mm WASHER |
| 9954-252 | L=25.0 WITH 1.2mm WASHER |
| 9954-269 | DYN L= 35.0 WITH 1.2mm WASHER |

SENDER CABLE LENGTHS AVAILABLE.

| 6 METRE | 10 METRE | 14 METRE | 25 METRE |
|---|---|---|---|
| (7754-606) | (7754-610) | (7754-614) | (7754-625) |


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Whilst we have endeavoured to ensure the accuracy of the information supplied, Stoneridge Electronics cannot be held responsible for any errors or omissions. It is the installer's responsibility to ensure compliance with specific vehicle manufacturers repair procedures, especially with regard to the procedure for disconnection/reconnection of the battery. Failure to comply with the vehicle manufacturers instructions may result in personal injury and/or component damage/data loss.

# SE5000 Programming Sheet

## PROGRAMMING PARAMETERS FOR FITTING THIS VEHICLE WITH AN SE5000 KRM SERIES TACHOGRAPH.

**Note. Read the parameters of the tachograph to be replaced, and note all connections to the tachograph, paying particular attention to Vpulse, dual axle configuration, D8 serial data, Revs input etc.**
**The below vehicle settings are the default vehicle settings which should be applied. However, individual vehicle specifications may vary.**
**Default setting for D6 outputs that can be switched between ISO & Open collector (o/c) is ISO.**
**The vehicle must be calibrated in an approved manner after fitting.**
**The road speed limiter must be calibrated after a replacement tachograph is fitted.**
**The illumination of the KRM series tachograph can be changed between White & Green, please select the colour best suited to the vehicle illumination.**

**If you are in doubt regarding the replacement of any tachograph with a KRM series product please call:-**

| TACHOGRAPH | CANBUS | CAN | CAN | ILLUMINATION | REVS INPUT | SPEED LIMITER | D6 |
|---|---|---|---|---|---|---|---|
| 5011KRM | ON | 0 | TERM | CAN | CAN | 90km/H | N/A |

**READ ALL DATA LOG**

| PARAMETER | VALUE / SETTING | PARAMETER | VALUE / SETTING |
|---|---|---|---|
| W-FACTOR | | Def. KEY ON/OFF | |
| K-FACTOR | | RPM FACTOR | |
| L-FACTOR | | D4 PIN FUNCTION | |
| TYRE SIZE | | D5 PIN FUNCTION | |
| VIN | | D6 PIN FUNCTION | |
| VRN | | D7 PIN FUNCTION | |
| VEH. REG. NATION | | SERIAL DATA OUT (D8) | |
| PREF. LANGUAGE | | C1 PIN FUNCTION | |
| CURRENT TIME | | FILTER PIN B3 | |
| CURRENT DATE | | CAN TRIP RESET | |
| TIME OFFSET | | CAN WAKE UP | |
| NEXT CALIB.DATE | | RD CAN CONFIG | |
| INSTALL DATE | | ADD. EVENT REC. | |
| ACTIVATION TIME | READ ONLY. –DATE FORMAT / UNACTIVATED | ENG. SPEED REC. | |
| SERVICE DELAY | | VRESD | |
| ODOMETER | | VEH. SPEED REC. | |
| O/P SHAFT FACTOR | | VRVSD | |
| SPEEDO OP FACTOR | | PRE-OVERSPEED | |
| RESET HEARTBEAT | | PRE-NEXT CALIBRATION | |
| LOW SPEED LIMIT | | WARRANTY TIME | |
| BACKLIGHT SELECT | | LOW POWER BAND | |
| ILLUMINATION LEVEL | | ECONOMY POWER BAND | |
| ILLUMINATION OFF | | POOR ECONOMY | |


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