



S3-SR1

MULTI-PLATFORM STEREO REPLACEMENT INTERFACE FOR CHRYSLER, GM, FORD & TOYOTA JBL

The cutting edge **S3-SR1** interface from Scosche allows you to replace your factory OEM stereo while retaining all necessary safety & warning features.

S3-SR1 INSTALLATION HARNESSSES*

Verify your vehicle's compatability by checking the list included with vehicle-specific harness (*harnesses sold separately).

| | |
|----------------|---|
| S3CR02 | 2005-10 Select Chrysler S3-SR1 harness |
| S3CR04 | 2007-UP Select Chrysler S3-SR1 harness |
| S3FD23 | 2005-UP Select Ford, Linc, Merc S3-SR1 harness |
| S3GMCL2 | 2003-UP Select GM Class II S3-SR1 harness |
| S3GM11C | 2004-UP Select GM LAN11 24Pin S3-SR1 harness |
| S3GM11L | 2006-UP Select GM LAN11 14/16Pin S3-SR1 harness |
| S3GMLAN | 2006-UP Select GM LAN29 14/16 Pin S3-SR1 harness |
| S3TA03 | 2004-UP Select Toyota JBL S3-SR1 harness |

PRELIMINARY

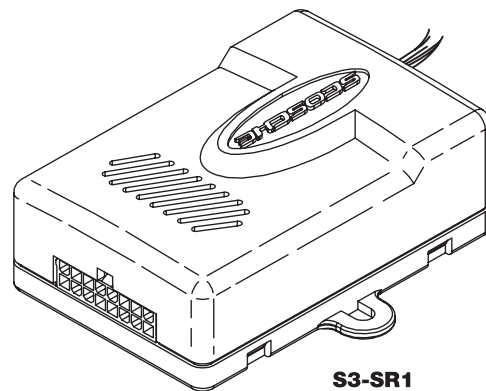
S3-SR1 FUNCTIONALITY BY VEHICLE PLATFORM:

| Make | ACC/R.A.P. Power | Warning Chimes | Premium Sound Activation | Fade F/R |
|-------------|------------------|----------------|--------------------------|----------|
| Chrysler | ✓ | Not required | ✓ | No |
| Ford | ✓ | Not required | ✓ | No |
| GM LAN | ✓ | ✓ | Std. Bose only | ✓ |
| GM Class II | ✓ | ✓ | Std. Bose only | ✓ |
| Toyota | Not required | Not required | JBL Sys only | No |

! BEFORE BEGINNING: READ THIS INSTRUCTION MANUAL

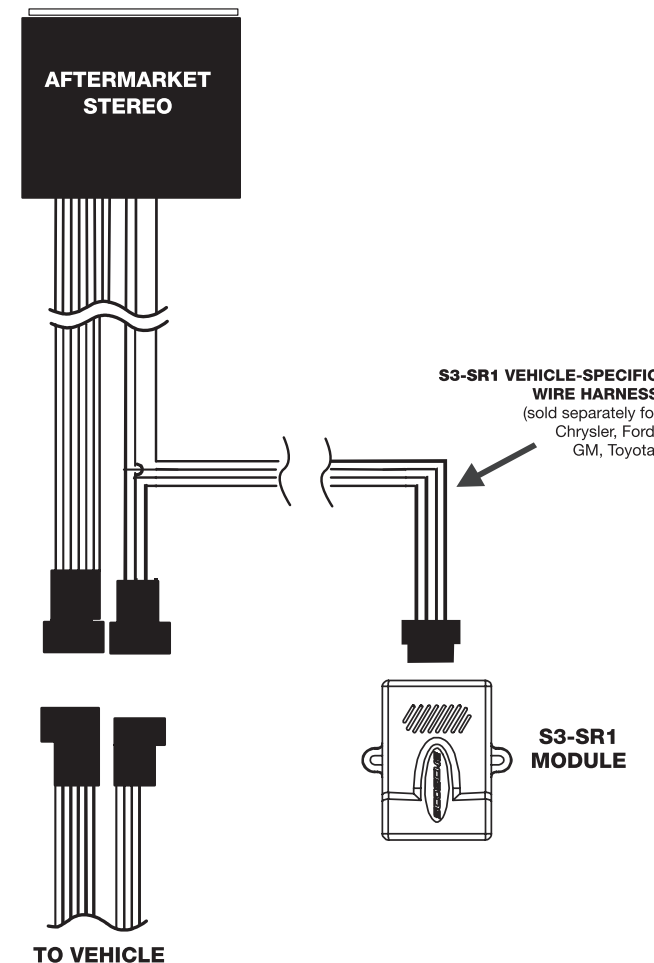
Disconnect the negative battery terminal to avoid short circuits. Read ALL vehicle manufacturer's warnings regarding airbags and electrical systems. We recommend ONLY a volt/ohm meter when checking/testing vehicle wiring. A test light (grounded probe type) can damage a vehicle's computer and/or electronics systems.

COMPONENT OVERVIEW



**S3-SR1
INTERFACE MODULE**

INSTALLATION OVERVIEW



WIRE COLOR CODES

| | | | |
|--------------------|-------------------------------|---------------------|---|
| White | = Left Front Positive (LF+) | Gray | = Right Front Positive (RF+) |
| White/Black | = Left Front Negative (LF-) | Gray/Black | = Right Front Negative (RF-) |
| Green | = Left Rear Positive (LR+) | Violet | = Right Rear Positive (RR+) |
| Green/Black | = Left Rear Negative (LR-) | Violet/Black | = Right Rear Negative (RR-) |
| Black | = Chassis Ground | Orange | = Illumination |
| Yellow | = +12V Constant Power | Blue/White | = +12 Remote Output (Amp, radio on signal) |
| Red | = +12V Accessory/R.A.P output | | |
| Blue | = +12V Power Antenna | | |

NAVIGATION CONNECTIONS:

| | |
|---------------------|--|
| Violet/White | = VSS Vehicle speed pulse signal |
| Red/White | = Reverse light trigger (+12V when in reverse gear) |
| Yellow/Black | = Parking brake trigger (-12V when park brake ON) |
| Orange/White | = Auto illumination (Data controlled lighting output on some GM LAN applications with AUTO headlights enabled) |

NOTE: The RED Accessory output wire from the **S3-SR1** interface is rated at 10A Max output for most aftermarket head unit demands. We do NOT recommend connecting additional +12V switched accessories to this output source as it may cause damage to the **S3-SR1** module itself. If 10A output is not sufficient, then a relay is needed (Relay not included).

NOTE: Illumination & auto illumination outputs are designed for head unit connections only.

BASIC WIRING INSTRUCTIONS

The following steps are provided as a general guide. For specific information for your vehicle, consult the instructions supplied with your vehicle-specific **S3-SR1** harness (sold separately).

1. Disconnect the negative battery cable from the battery to avoid short circuits.
2. Remove and unplug factory stereo.
3. Match and connect the Power/ground wires from the **S3-SR1** Vehicle specific harness to the wires provided with your stereo. The color codes on the Scosche harness are designed to match most aftermarket stereos.
 - Take note that some of the wires for your new stereo come from the **S3-SR1** interface box itself and not the vehicle connectors.
- 4a. The **S3-SR1** speaker connections are pre-terminated with RCA jacks for installations requiring Line input: Toyota JBL, GM Standard Bose and Ford Premium sound.
- 4b. If your vehicle does not have a Bose or Premium system, cut off the RCAs and wire the speaker leads directly to the speaker wires from the new stereo.

BASIC WIRING INSTRUCTIONS (cont'd)

5. Tape any unused wiring to prevent short circuit.
7. Reconnect the negative battery cable**.
** For GM vehicles, alternate power up (initialization steps) are required. See General Motors specific notes section.
8. As you install your new stereo, place the **S3-SR1** module(s) and harnesses in the rear of the dash cavity behind the stereo.

OPTIONAL: Cable ties or double-sided tape can be used to secure the module, but are not included.

CHRYSLER & TOYOTA INSTALLATION NOTES

CHRYSLER: PREMIUM ALPINE, BOSTON & INFINITY SYSTEMS

These factory amplified sound systems are driven and digitally controlled by a single set of left/right input channels only. The aftermarket radio does not have the ability to control fade or balance adjustments on these types of systems. There is NO front/rear fader control. The balance and fader are set to center by interface control software.

TOYOTA JBL / LEXUS PREMIUM SYSTEMS

These factory amplified sound systems are driven and digitally controlled by a single set of left/right input channels only. The aftermarket radio does not have the ability to control fader on these types of systems. There is NO front/rear fader control. The fader is set to center by interface control software.

GENERAL MOTORS INSTALLATION NOTES

HOW TO TEST FOR "PREMIUM BOSE" SYSTEMS

There are two types of Bose systems available in some models of GM vehicles. The **S3-SR1** interface is not compatible with the Digital Premium BOSE (y91/z75 systems) To test for digital Bose systems, turn the factory radio volume up and down rapidly. If the sound system reacts immediately then the system is a Standard Bose, not a Premium Bose. If there's a slight delay in the system as you turn it up and down quickly, then this vehicle may have Premium BOSE. **Note:** you may also check the service parts code sticker usually located in the glove box for "y91" or "z75" equipment codes.

S3 GENERAL MOTORS INTEGRATED SAFETY & WARNING CHIMES

When replacing the factory stereo in your GM vehicle, the **S3-SR1** interface will replace portions of your vehicle's audible SAFETY and WARNING CHIME systems. If the stereo is removed without the proper accessory these functions of your vehicle will be LOST including: Your vehicle's ECM (Electronics Control Module) will also store an error code if operated without the factory radio installed and you may experience difficulty in having the vehicle serviced at the dealership. The Scosche **S3-SR1** will send the proper data commands to your vehicle's ECM (Electronics Control Module) to indicate a "healthy" status for diagnostic purposes.

GENERAL MOTORS INSTALLATION NOTES (cont'd)

WARNING & SAFETY CHIMES LIST:

- Parking assist
- Seatbelt warning chime
- Low fuel
- Lights left on reminder
- Check engine/service indicator
- Turn signal click
- Key left in ignition reminder

POWER UP (Initialization procedure)

In order to ensure the proper functionality of the **S3-SR1**'s +12V RED Accessory wire, we recommend that the following procedure be followed; in sequence.

1. Disconnect the Scosche Interface from the vehicle radio harness.
2. Close all doors and hood, Turn off all lights and remove the keys from the ignition.
3. Wait 3 to 4 minutes (without opening a door, turning on a light, inserting keys,etc.).
4. Connect the Scosche Interface to the vehicle's radio harness and start vehicle.
5. Test interface for functionality.