AVE

The AVE Radar Gun Interface consists of two main components, the VSI-Plus text inserter and the RG-2RS radar gun interface. This radar gun interface will work with the following radar guns: Decatur Hunter, Genesis I & II, Stalker, & Kustom

The 8 position dipswitch on the RG-2RS is used to select the radar gun and the baud rate if necessary.

Radar Gun

SW1	SW2	SW3	SW4	SW5 & SW6	
off	off	off	off	Are unused	Genesis
on	off	off	off	(off)	Hunter
off	on	off	off		Stalker
off	on	off	off		Stalker ATR
off	off	on	off		Stalker Dual SL
on	on	off	off		Kustom

Baud Rate

SW7	SW8	
off	off	1200
on	off	2400
off	on	4800
on	on	9600

Cable Between the RG-2RS and the VSI:

```
RG-2RS DB-9          VSI DB-9
        3-------------------------2
        1------------------------5
```
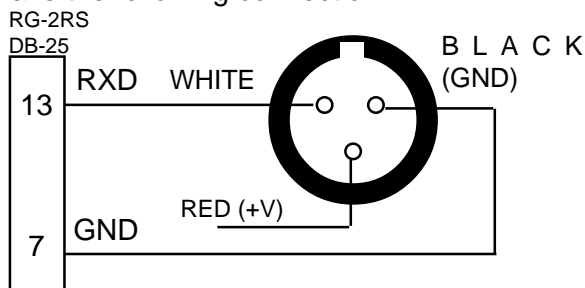

Interfacing with Decatur Hunter and Genesis I & II:
Connect TXD on the radar gun to Pin 3 (RXD) on the DB-25 of the RG-2RS and Ground to Pin 7. Use the 8 position dipswitch to select Hunter or Genesis and the proper baudrate.
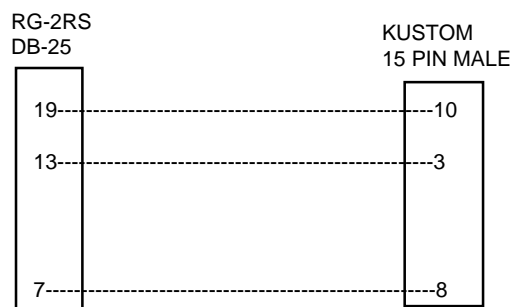

Interfacing with Stalker:
Make the following connection:

RG-2RS
DB-25

```
13   RXD   WHITE          B L A C K
                          (GND)
7    GND   RED (+V)
```

On the 8 position dipswitch, select Stalker and 9600 for the baudrate.

Interfacing with KUSTOM:
Make the following connection:

RG-2RS
DB-25   KUSTOM
                         15 PIN MALE

```
19-------------------------------------10
13-------------------------------------3
7--------------------------------------8
```
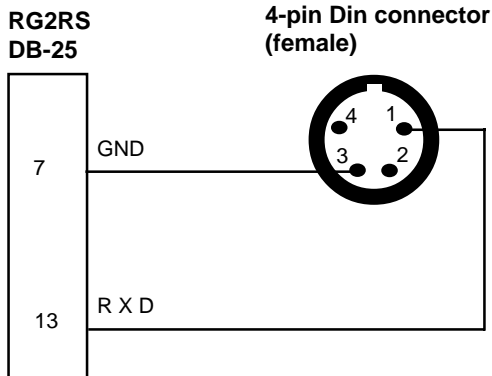
On the 8 position dipswitch, select KUSTOM and 9600 for the baudrate.

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Interfacing with Stalker ATR:

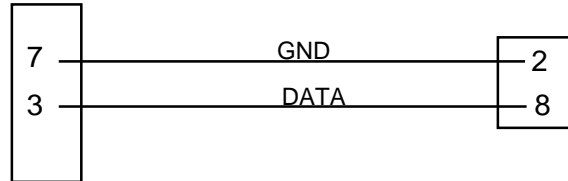Make the connection as shown below:

**RG2RS
DB-25**

**4-pin Din connector
(female)**

7 — GND

13 — R X D

On 8-position Dip Switch, select Stalker ATR. Set baudrate to 9600.

Interfacing with Stalker Dual SL:

Make cable connection between
RG2RS and Stalker Dual SL, as shown below:

7 ——— GND ——— 2
3 ——— DATA ——— 8

On 8-position Dip Switch, select Stalker Dual SL. Set baudrate to 9600.

NOTE: To use this interface, you must configure the radar gun serial port to b format and one of the following baudrates: 1200, 2400, 4800, 9600. For example, configuration bAu 12 b, which means 1200 baud and b format, will work with this interface.

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