



## In-Vehicle Telephone

Model RST620



Integrated Communications



Hands-free Communications



Remote



In-Vehicle Communications

Beam Communications P/L  
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### Beam Fixed In-vehicle Telephone

The Beam Fixed In-vehicle Telephone provides full hands-free operation to the driver. The terminal comes complete with an Intelligent handset that can be easily located close to the driver.



The In-vehicle unit supports all Iridium Voice and Data Services and comes complete with a DB9 Data connection for Dial up or Direct Internet Data at up-to 10-12 Kbps.

In-vehicle hands-free enables the user to have a professional in-vehicle installation for the Iridium network. The handset also provides for private conversation simply by removing the handset from the cradle.

#### Full In-vehicle Integration

The Beam In vehicle kit allows a Beam terminal to be permanently installed in a vehicle and provides full duplex hands-free operation. The Microphone and speaker are simply installed in a convenient location within the vehicle

#### Intelligent Handset Interface

The In-vehicle kit comes complete with an Intelligent Handset for voice calls as well as utilizing the Iridium SMS service. The handset is compact and includes an inbuilt ring alert as well as providing for private conversations in place of hands-free mode.



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### Installation

The In vehicle kit can be deployed into various types of vehicles. The kit consists of the Iridium transceiver module, Hands-free interface and the Intelligent Handset. The equipment can be easily connected to 11-32V Dc input to meet the requirements of any vehicle applications.



Selecting an appropriate antenna and antenna cable (not included in kit) for the installation is very important for optimum performance. Mounting brackets, Intelligent Handset, Speaker, Microphone and cable assemblies are all supplied with the kit.

#### Alert / Tracking Interface

The In vehicle Hands-free is capable of being used in conjunction with one of the Beam TrackALERT interface units. RST030S or RST035S This will support deployment for tracking, monitoring and emergency alert installations whilst providing the convenience of full hands free operation.

#### Key Features

- Compact Easy to Use Handset
- Supports Horn Alert / Radio Mute
- Supports Voice & Data Services
- Full Duplex Hands-free Operation
- Handset For Private Calls
- Echo Cancellation
- Stereo Integration Possible
- Supports 11-32VDC Power Input
- Convenient Installation

#### Warning

It is recommended to have the RST620 installed by a qualified Auto Electrician. The handheld handset should not be used whilst operating a vehicle.

[www.beamcomm.net](http://www.beamcomm.net)





## Specification In Vehicle Telephone RST620

### RST620 Specifications



Vehicle  
Communications



Hands-free  
Communications



Farming  
Communications



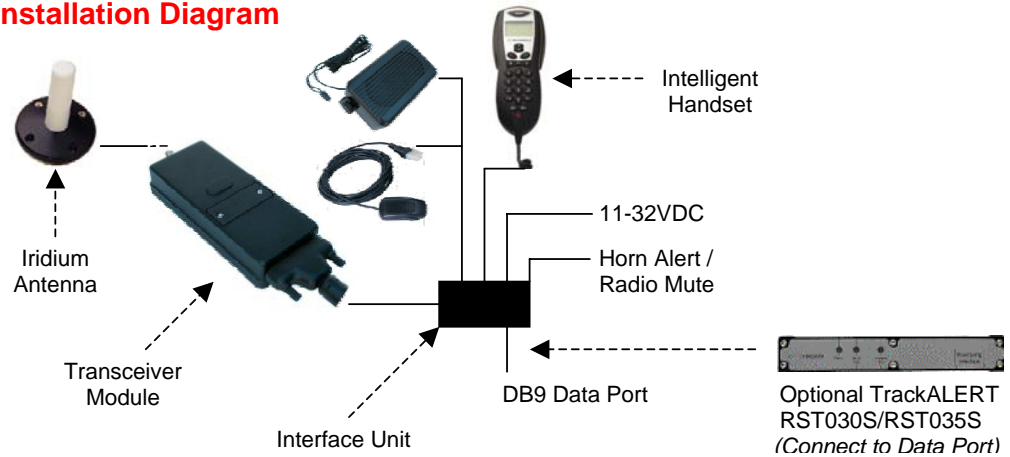
Emergency  
Communications

| Function             | Description        | Type                    | Location       |
|----------------------|--------------------|-------------------------|----------------|
| Input Power          | 11-32V DC Plug     |                         |                |
| Visual Indicators    | Full Display       | LCD                     | Handset        |
| Interface Connectors | DC Power           | Secure Positive Lock    | Interface Unit |
|                      | Sneaker / Mic      | Screw Type              | Interface Unit |
|                      | Terminal Interface | DB25                    | Interface Unit |
|                      | Handset            | R.145                   | Interface Unit |
| Intelligent Handset  | Keypad             | Alpha / Numeric         |                |
|                      | Phone Book         | SIM Memory              |                |
|                      | Hang-up Cradle     | Moulded / Mountable     |                |
|                      | Coil Cord          | Extendable to 1.5m / 5' |                |

| Physical              |                    |
|-----------------------|--------------------|
| Transceiver Size (mm) | L196 x W82 x H39   |
| Interface Size (mm)   | L160 x W130 x H27  |
| Total Weight          | 1.5Kg / 1500grams  |
| Shipping Weight       | 1.6kg / 1600grams  |
| Operating Temperature | 0C to +50C         |
| Storage Temperature   | -30C to +70C       |
| Operating Humidity    | 85% non-condensing |

| Kit Contents                             |
|--|
| DC Power Cables                          |
| Interface Terminal                       |
| Transceiver Terminal                     |
| Cable Assembly Terminal Connection       |
| Speaker/ Microphone and Mounting bracket |
| Intelligent Handset & Hang-up Cradle     |
| Installation Manuals & User Instructions |

### Installation Diagram



### Optional Accessories



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