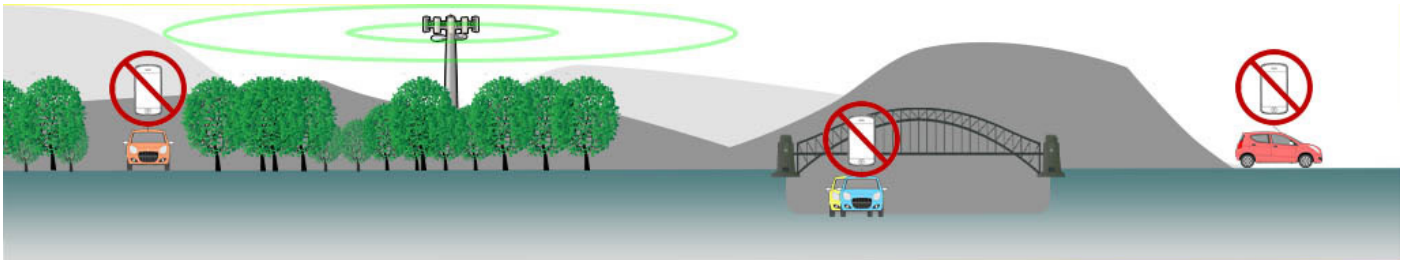


StellaDrive

The StellaDrive mobile signal booster amplifies mobile signal in your car. Once installed, it will capture and amplify any available signal it can find, even in those poor coverage locations where your calls get dropped.



Features:

- Coverage: Direct Connect
- Compatible with all mobile operators
- Voice and data
- Simple and intuitive LED indicator
- Everything included for complete installation
- Networks: 800/900MHz (3G/4G)

Product code	Frequencies (MHz)	Weight	Dims	Power
SD-VA-G	900	0.7kg	32X19X3.5cm	12V,1A
SD-VA-LG	800/900	1.0kg	32X19X3.5cm	12V,2A

Standard kit includes:



StellaDrive



Mag Mounted
Antenna



Power
Supply



Induction pad +
cable

Do not use StellaDoradus repeaters with non StellaDoradus equipment. Stelladoradus repeaters operate silently on the operators network. By using our equipment with competitors equipment you break this control system and could potentially harm the operators network. Doing so will void warranty.

Bands	B20	B8
Frequency Downlink	791-821	925-960
Frequency Uplink	832-862	880-915

Amplifier Specs

Coverage	Direct Connect
Gain	Uplink Gp: 25dB Downlink Gp> 25dB
Pass band ripple	<4dB
I/O impedance	50 ohm/SMA female connector
Max up/down signal strength	24dBm / -25dBm
Ambient Temperature	-30°C to +70°C
Power supply input	110 - 240V AC
Oscillation Control	Automatic
AGC Level Control:	Automatic ¹
Uplink Switch On	Yes ²
AGC Range	30dB
Surge protection	SMA connectors DC grounded, 12V DC port MOV protected

Antennas

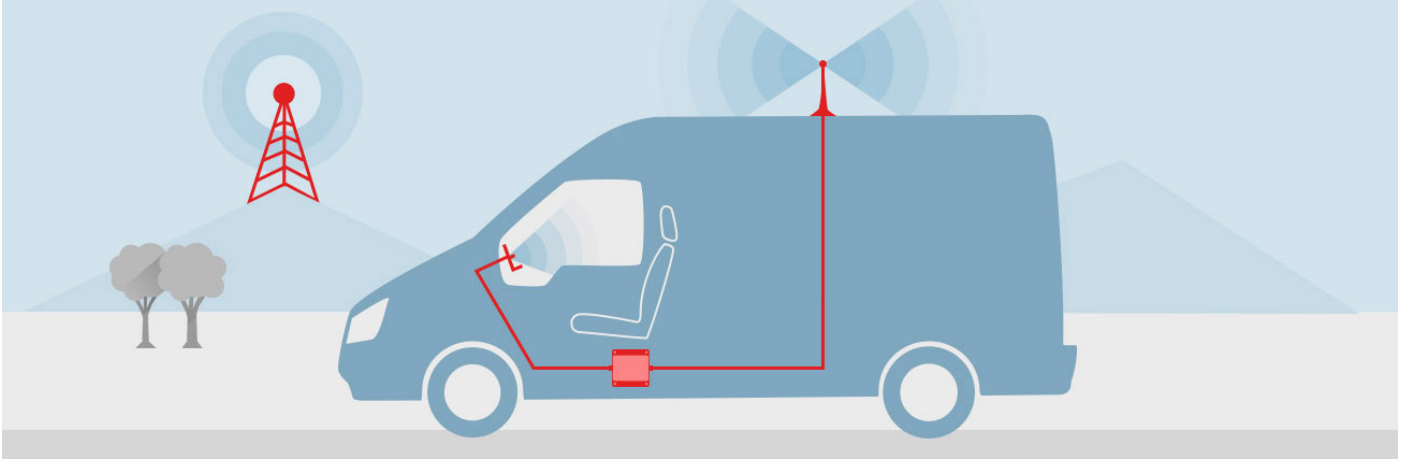
Antennas	Mag mounted omni
Nominal Gain	2dBi
3dB beam Pattern	omni
Bandwidth	700MHz - 2700MHz
VSWR	<1.4
Polarization	Vertical
Power Rating	50W
Impedance	50-OHM
Termination	SMA Male
Cross Pol. Discrimination	-20dB
Dimensions	10cm
Weight	0.7kg
Wind velocity	160km/hr
Working temperature	-40°C to +65°C

¹Automatically adjusts during installation. Thereafter, automatically adjusts for seasonal variation in pathloss between the base station and the outdoor antenna.

²The uplink amplifiers switch off when the repeater is not in use. This reduces the uplink noise to almost zero. When the repeater is in use (phone call or data session), the uplink amplifiers switch on for the duration of the call/ data session only.

Note: Specifications subject to change without notice.

Installation



The high gain external antenna is magnet mounted to the roof of the vehicle and collects any available mobile signal. This antenna has a very low profile (8.5cm high) and is completely wind resistant.

This signal is fed down the cable to the StellaDrive amplifier which is placed under the front seat of the vehicle.

A cable then feeds this amplified signal to the patch antenna which is connected to your car phone holder. The amplifier is then plugged into the 12v cigarette socket.

