



STELLA DORADUS

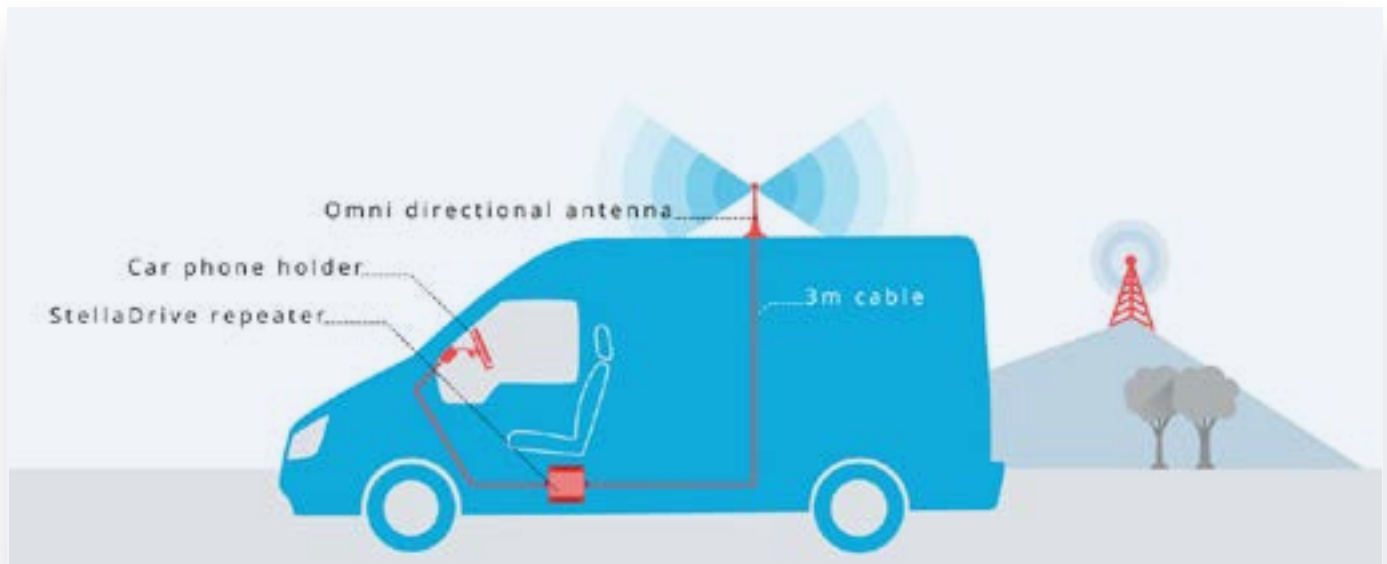
STELLADRIVE LG

Boost mobile signal with the StellaDrive signal booster.



The StellaDrive amplifier amplifies mobile signal for moving vehicles.

The StellaDrive mobile signal booster amplifies GSM/ 3G/ 4G mobile signal in vehicles. Once installed, it captures and amplifies the signal from all available operators, providing stable signal in areas of poor coverage where calls often drop.



How it works:

The magnetic mount external antenna is placed on the roof of the vehicle and receives all available mobile signal. This antenna has a very low profile (8.5cm high) and is completely wind resistant.

The signal is amplified by the StellaDrive amplifier inside the car and transferred to the phone via a small antenna pad located in the car phone holder. The phone must sit in the car phone holder to receive the amplified signal.

The StellaDrive amplifier is powered by the 12V cigarette socket in the vehicle.



Model Number: SD-VA-LG
Frequency (MHz): 800/900
Networks: GSM / H+ / LTE



Amplifier Specifications:

Frequency bands:	(791-862MHz) + (880-960MHz)
Coverage:	Direct connect
Number of People:	1 (Direct connect)
Gain:	Uplink Gp > 25dB Downlink Gp > 25dB
Pass band ripple:	< 4dB
1/0 impedance:	50 ohm/N connector
Max signal strength	24dBm uplink; -25dBm downlink
Ambient Temperature:	-30°C to +70°C
Power supply input:	110 - 240V AC
Power supply output:	12V DC
Level Control:	Automatic*
Oscillation Control:	Automatic
AGC:	Yes

Antenna Specifications: Outdoor antenna

Nominal Gain	2dBi
3dB beam Pattern	omni
Bandwidth	800-2500MHz
VSWR	<1.4
Polarization	Vertical
Power Rating	50W
Impedance	50-OHM
Termination	SMA male
Cross Pol. Discrimination	-20dB
Dimensions	10cm
Weight	0.68kg
Rated wind velocity	160km/hr
Working temperature	-40°C to +65°C

Power Supply Specification:

AC input	12V - 1.5A - 50-60Hz (car cigarette socket)
Typical power usage	15W

Mechanical Specification:

Length	25cm
Width	19cm
Depth	3.5cm
Weight	1kg
Mounting	4 ×5mm holes for mounting

* Automatically adjusts during installation. Thereafter, automatically adjusts for seasonal variation in pathloss between operators mast and Outdoor Antenna.

Note: Specifications subject to change without notice



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