

# StellaHome

1800/2100Mhz



**Boosting mobile signal into your home and office**

**1800/2100Mhz**

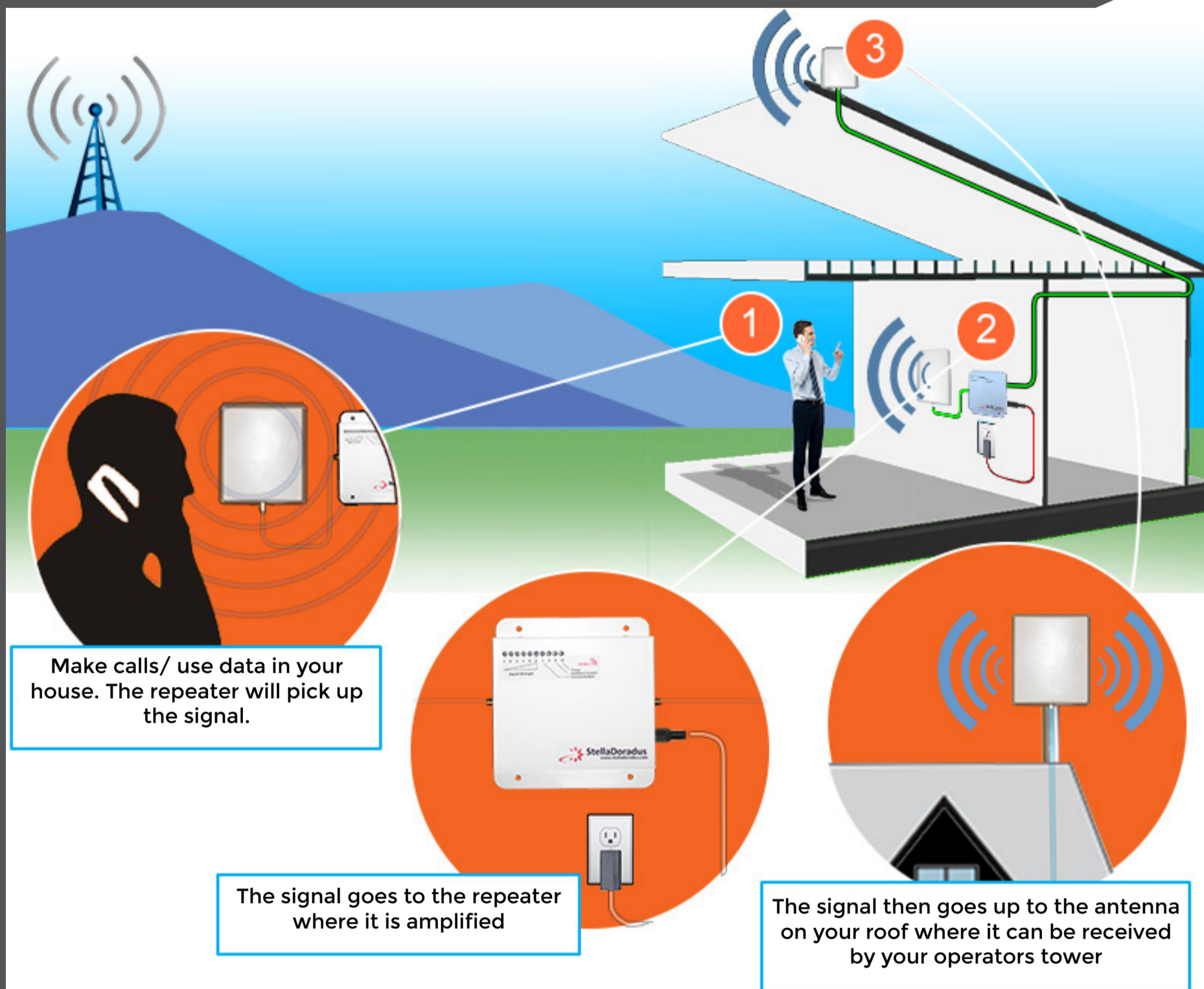
**Do not use Stella Doradus repeaters with non stella doradus equipment.**

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.

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1800/2100MHz

How it works:



Make calls/ use data in your house. The repeater will pick up the signal.

The signal goes to the repeater where it is amplified

The signal then goes up to the antenna on your roof where it can be received by your operators tower

## -Features-



All mobile operators get boosted

For example, If you are with one network and your friend is with another, no problem, both of you can use the booster.



Unlimited number of calls at the same time.

You can be calling on your phone while at the same time your friend can be using data on their phone.. at the same time..



No broadband connection needed.

No need for a broadband connection for a signal booster to work.

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1800/2100Mhz

- Model number: SD-RP1001DW
- Frequency: 1800/2100Mhz
- Networks: GSM +3G + 4G\*

\*only certain operators transmit 4G at 1800Mhz.



## Frequency Specifications:

Frequency bands(Mhz):	1710-1880MHz) + (1.92-2.17GHz)
Coverage:	1000m <sup>2</sup> (2-5 rooms)
Number of People:	unlimited
Gain:	Uplink Gp > 50dB      Downlink Gp > 60dB
Pass band ripple:	< 4dB
I/O impedance:	50 ohm/SMA female connector
Max uplink/downlink signal strength:	17dBm / 10dBm
Ambient Temperature:	-30°C to +70°C
Power supply input:	110 - 240V AC
Power supply output:	12v DC
Oscillation Control	Automatic
Level Control:	Automatic*
Uplink Switch Off	Yes**
AGC Range	30db
Surge protection	SMA connectors DC grounded, 12V DC port MOV protected

## Antenna Specifications:

### Indoor / outdoor antenna

Nominal Gain	6.4dBi / 9.4dBi
3dB beam Pattern	60° x 60°
Bandwidth	790-960MHz + 1710-2700MHz
VSWR	<1.4
Front to Back Ratio	> 20dB
Polarization	Vertical
Power Rating	50W
Impedance	50-OHM
Termination	SMA male
Cross Pol. Discrimination	-20dB
Dimensions	210 x 180 x 43mm
Weight	0.68kg
Wind velocity	126km/hr
Working temperature	-40°C to +65°C

## Power Supply Specification:

AC	100-240V	50-60Hz
DC input	12V	1A
Typical power usage	12W	

## Mechanical Specification:

Length	32cm
Width	19cm
Depth	3.5cm
Weight	1kg
Mounting	4 x 5mm holes for mounting

\* Automatically adjusts during installation. Thereafter, automatically adjusts for seasonal variation in pathloss between Base station and Outdoor Antenna.

\*\* The uplink amplifiers switch off when the repeater is not in use, thus reducing the uplink noise to almost zero. When the repeater is in use (eg phone call being made), the uplink amplifier switches on for the duration of the call and a blue LED switches on indicating this is the case.

Note: Specifications subject to change without notice.