

StellaHome

tri band



Boosting mobile signal into your home and office

800/900/2100Mhz

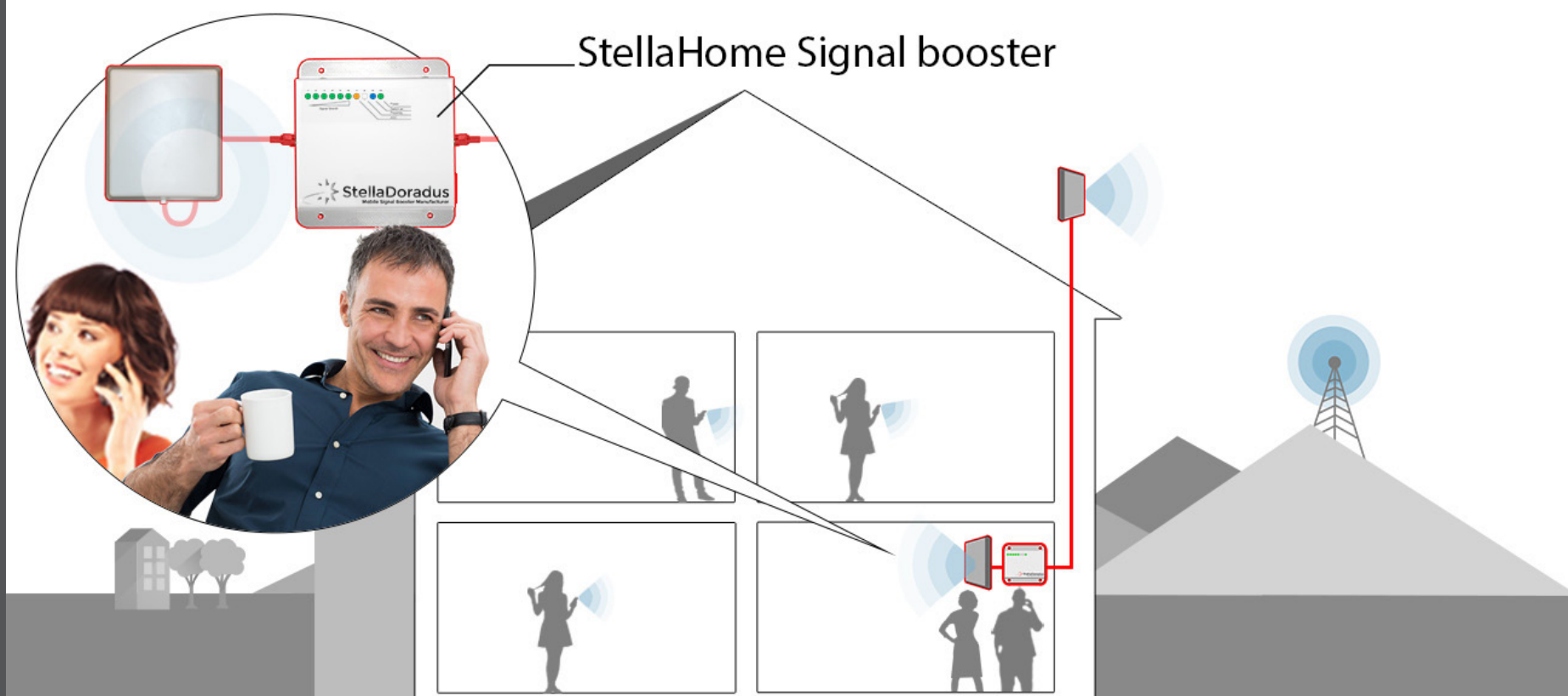
Do not use Stella Doradus repeaters with non stella doradus equipment.

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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How it works:



- The antenna on your roof receives mobile signal from all networks, and sends it down the cable to the booster.
- The Stellahome booster amplifies this signal in both directions, and sends it around your house.
- All your devices can now communicate with this enhanced signal.

-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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- Model number: SD-RP1001LGW
- Frequency: 800/900/2100Mhz



Frequency Specifications:

| | | |
|--------------------------------------|---|-------------------|
| Frequency bands(Mhz): | (791 - 862MHz) + (880-960MHz) + (1.92-2.17GHz) | |
| Coverage: | 1000m ² (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 | 1.6A |
| Typical power usage | 20W | |

Mechanical Specification:

| | |
|----------|----------------------------|
| Length | 40cm |
| Width | 19cm |
| Depth | 3.5cm |
| Weight | 1.2kg |
| 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.