

# PreAmp<sub>LG</sub>



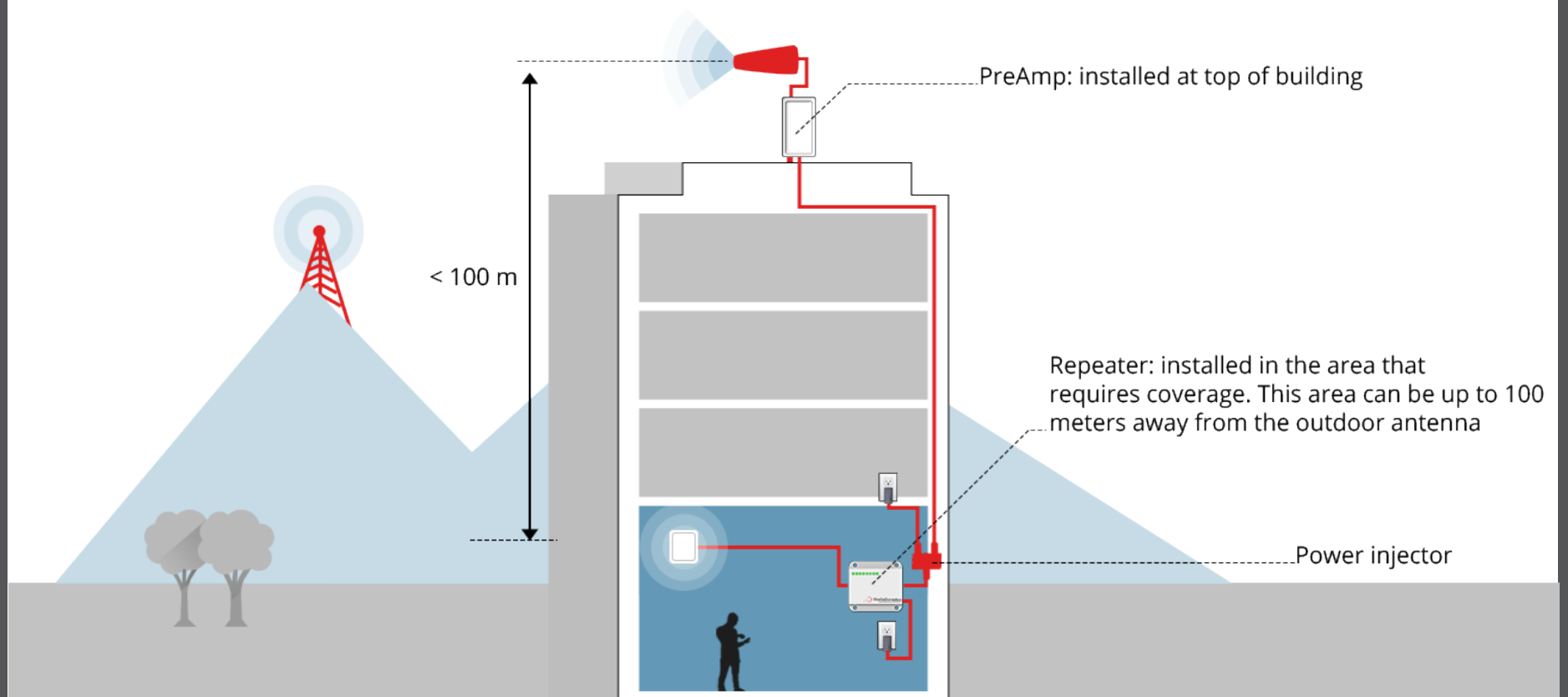
BOOSTING MOBILE SIGNAL ACROSS LONG CABLE RUNS

800/900Mhz

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

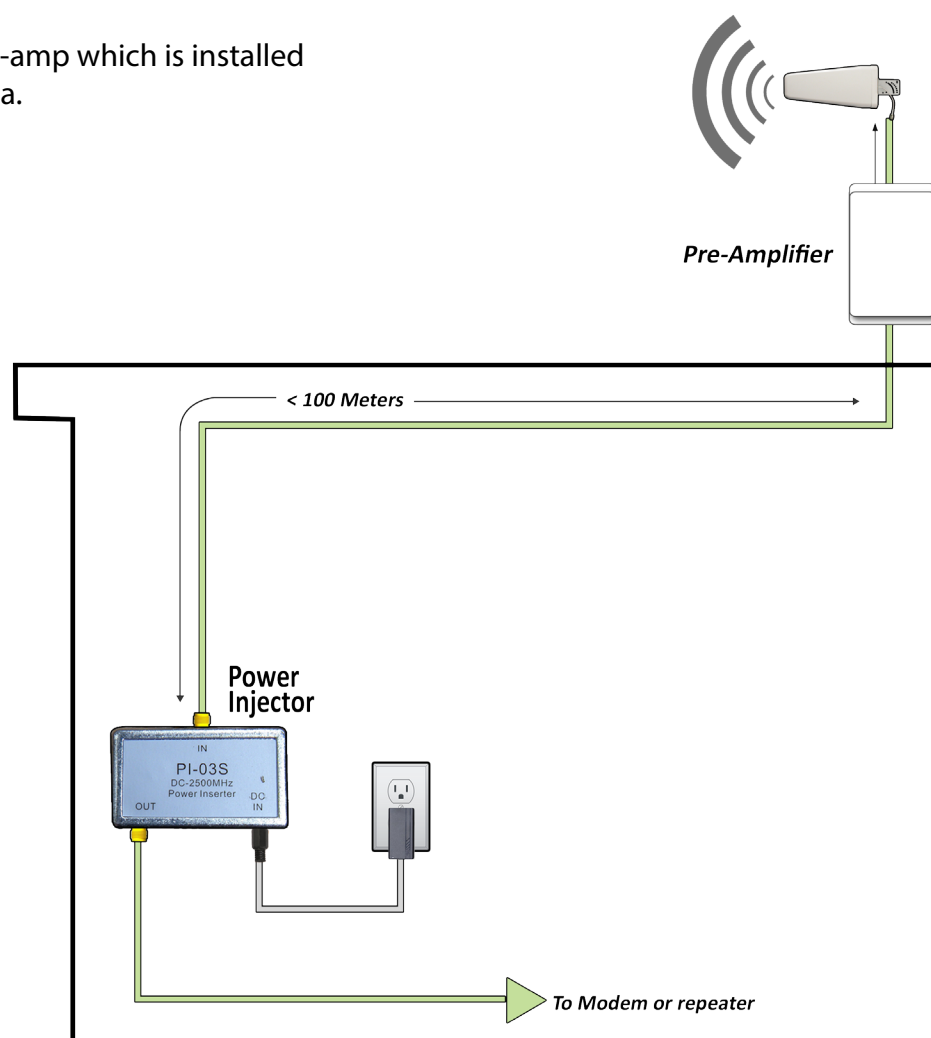
Stelladoradus products operate silently on the operators network. By using our equipment with competitors equipment you break this control system and could potentially harm the operators network. Doing so will void warranty.

# PreAmp



The pre-amp is installed close to the outdoor antenna to give your mobile signal that extra boost for long cable runs. You can attach a cable 100 meters long after the preamp! You can then connect directly to a machine (M2M) OR install a repeater. A repeater will give you ~5 room coverage.

The Power injector sends power up to the pre-amp which is installed outside, usually on the pole under the antenna.



# PreAmp<sub>LG</sub>

- Model number: SD-PA-LG
- Frequency: 800/900Mhz



## Frequency Specifications:

Frequency bands(Mhz):	(791 - 862MHz) + (880-960MHz)
Gain:	Uplink Gp > 20dB      Downlink Gp> 25dB
Pass band ripple:	< 2dB
I/O impedance:	50 ohm/SMA female connector
Max uplink/downlink signal strength:	18dBm / -35dBm
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

## Power Supply Specification:

AC	100-240V	50-60Hz
DC input	12V	2A
Typical power usage	15	

## Mechanical Specification:

Length	32cm
Width	19cm
Depth	3.5cm
Weight	1kg
Mounting	
Windage	
Mechanical tilt	
Mounting Pipe	
Materials - Radome	
Clamps	

\* 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 preamp is not in use, thus reducing the uplink noise to almost zero. When the preamp 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.

