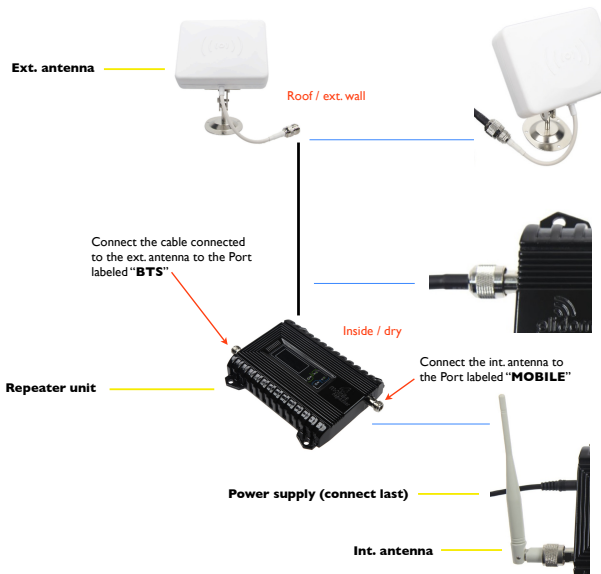


## Mobile Repeater visual installation guide



Place the antenna on the point where you have the best possible mobile signal available. We suggest the roof or exterior wall. Afterwards, connect one of the ends of the antenna cable to the port of the ext. antenna. **IMPORTANT** - Be sure not to place the ext. antenna close to a satellite dish or have it face downwards or upwards. A clear area with horizontal view is ideal.

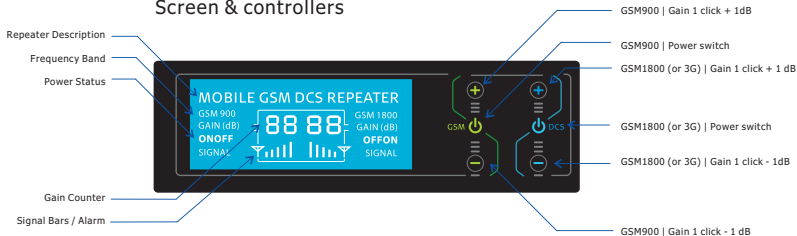
Run the cable to the location, where you intend to place the repeater unit and connect the second end of the cable to the port on the repeater unit labeled with -**BTS**- and tighten it firmly. **IMPORTANT** - Be sure not to coil the cable or run it along sharp objects which could damage it. Avoid sharp bends and kinks.

Connect the internal antenna to the port on the repeater unit labeled with -**MOBILE**- and tighten it firmly. Afterwards, connect the power supply to the port labeled -**DV12V**-. Then connect the plug to any regular wall outlet. **IMPORTANT** - Be sure to supply electricity last, and disconnect the repeater from power when ever you make changes to the system.

# Mobile Repeater visual installation guide



## Screen & controllers



Model	Gain	Power
MRE001	- 24 to 60dB	Max 18dBm
MRE028	- 29 to 65dB	Max 19dBm
MRE061	- 24 to 60dB	Max 18dBm
MRE039	- 29 to 65dB	Max 19dBm

1) The default gain is set to to maximum strength (60/65dB)

2) The repeater will show the received signal strength, it may not resemble the signal outside.



When the repeater receives a signal, it will show the signal strength through solid signal bars. -50dB equal a full signal (five bars), -55dB equals four bars, -60dB equals three bars, 65dB equals two bars and -70dB equals one bar.



If the outside borders of the signal bars flash, the repeater is not receiving a sufficient signal.. Please check cable connections or adjust the external antenna.



If the repeater receives a signal better than -45dB, the entire signal scale will flash. This can be caused by oscillation (repeater amplifies itself) or low proximity to the signal source. Please extend distance between repeater and ext. antenna and/or reduce gain by adjusting the signal strength on the repeaters display (+ and - buttons) the problem can also be caused by a satellite dish placed too close to the repeaters ext. antenna.