

## Understanding the Amplifier Lights - Part # 801365

The amplifier is equipped with sensitive electronics designed to detect amplifier oscillation or cell phone overload, both of which can hamper amplifier performance. The amplifier is designed to automatically reduce gain or, if necessary, shut down to prevent or compensate for these conditions. Oscillation or overload can be caused by improper equipment installation -- understanding the amplifier lights will help you identify and solve potential problems.



When the amplifier is initially powered on, the 65 light will turn green. This indicates the amplifier is working at the proper gain level.



If the 55 light is green, the outside signal is too strong and the amplifier is powering down. Verify that the outside Yagi antenna is pointed away from the inside antenna and not across the roof of the building. If need be, redirect the Yagi antenna so that it is pointing away from the inside antenna. Then, reset the amplifier by disconnecting and reconnecting the power supply.



If the 45 light is green, the amplifier is continuing to power down. Try operating the cell phone farther away from the inside antenna. If need be, redirect the Yagi antenna so that it is pointing away from the inside antenna. Then, reset the amplifier by disconnecting and reconnecting the power supply.



If the OSC light is red, the amplifier has shut down due to cell phone overload. Try operating the cell phone farther away from the inside antenna. Verify that the outside Yagi antenna is pointed away from the inside antenna and not across the roof of the building. If need be, redirect the Yagi antenna so that it is pointing away from the inside antenna. Then, reset the amplifier by disconnecting and reconnecting the power supply.