VISIPLEX

Basic System Setup

Place the base station (VS4820, VS4500) on desk or wherever you need to access it. If you have a VS101 high power transmitter, install the transmitter at least 5 feet away from the base station. Ideally, you want the transmitter elevated and away from the base. **Installing the base station on top of or next to the external transmitter can cause RF interference that can lead to audio quality loss, reduced signal range, and other issues.** You will also want to ensure the main transmitter antenna is separated from the system as well.

If you have an external transmitter, connect the data cable on the back of the VS101 to the EXT TX port on the VS4820. If you have a VS4500 or older base station, connect it to the DATA I/O port.

Connect the antenna cable to the RF-OUT port. If you have a VS101 external transmitter and a magnetic mount antenna, use the provided adapter make it fit. The smaller Rx port on the back is for the receiving antenna, used for receiving signal from the intercoms.

Install the antenna somewhere that is central to the location. You want the least distance possible from the antenna to all the receivers. Mount the antenna vertically, facing up, and at an elevated level. For large facilities using the VS101 high power external transmitter, the antenna should be located on the roof in the center of the building at the highest point for best coverage. For smaller locations with lower power transmitters, putting the antenna up on a shelf near the middle of the building will work as well. For help with installation of the high-power outdoor antenna, see the installation video on our website under the support page.

Avoid coiling or wrapping up excess coax cable, try to run it out. Also try not to run the cable with other power conduits, as this will also affect the signal quality.

If you have wireless CT panic buttons with a VS4500 or VS4810 base station, you will have a small VPR-04 receiver for them that will connect to the COM1 port on the back with the serial cable, and it is plugged into power too. For the VS4820, you will only need the small antenna connected to the RF-IN port on the back of the unit.