

INSTALLATION

Mounting

The ST-880 RSU should be mounted to an interior wall in a location that is close to an AC power outlet. In addition, in order to reduce RF signal losses, the RSU should be located such that the length of the feedline coax to the antenna is minimized.

Power

The ST-880 RSU is powered by a small step down AC to AC wall plug-in transformer specified for your local power. Connect the wall plug-in transformer supplied with the RSU to the power connector on the RSU.

Telephone Set

The ST-880 RSU uses a standard RJ-11 modular telephone jack. Connect your telephone equipment to this jack. The ST-880 RSU provides ringing voltage sufficient to ring up to four telephone devices.

If telephone audio level adjustments are required, refer to *Telephone Level Adjustments* in the Service Alignment section, page 4-1.

Antenna

Several antenna options are available for the ST-880 RSU, depending on the distance from the SkyLink radio base station. If your installation uses the 3 dB glass mount antenna option, attach it to the SMA connector on the RSU so that the whip antenna is in a vertical position pointed up.

If your installation uses a directional yagi antenna, mount the yagi antenna at a high location that is above any obstructions that might hinder the signal to the SkyLink base station. Point the yagi so that it is pointed directly at the base station (RS-HUB). Keep the antenna at least 1 meter away from personnel.

When using heavier, low loss cable (LMR 400 or 600), use a LMR240 jumper cable to connect between the main feedline and the RSU. In order to minimize signal loss, keep the feedline as short as possible.