ROAMEO System Setup Checklist

- ❒ Each beltpack has only one HOME access point.
- ❒ Each system can have only one Sync Master access point (set in IPedit).
- ❒ When subscribing a beltpack to the system, the beltpack must be within 40 feet (12 meters) of an access point in that system.
- ❒ Each access point set to the G.722 CODEC can be a host for up to five beltpacks (no channels left for roaming beltpacks).
- ❒ Recommend each G.722 access point only be loaded to four beltpacks to allow for roaming beltpacks.
- ❒ Each access point set to the G.726 CODEC can be host for up to 10 beltpacks (no channels left for roaming beltpacks).
- ❒ Recommend each G.726 access point only be loaded to eight beltpacks to allow for roaming beltpacks.
- ❒ If the CODEC is changed for a system, the beltpacks must be subscribed again.
- ❒ A system can only have all G.722 or all G.726 access points (no CODEC mixing is allowed).
- ❒ Always have Ethernet connected to an access point before powering up the access point.
- ❒ The Ethernet network follows standard Ethernet practices.
- ❒ Use only CAT5e UTP or better Ethernet cable.
- ❒ Use only Layer 3 IP routing-capable, managed switches.
- ❒ 100Mbit networks can only have up to seven hops (A link between the Matrix and an Ethernet switch counts as a hop, each link after daisy chaining through an access point counts as a hop).
- ❒ 1GBit networks can only have up to 20 hops (A link between the Matrix and an Ethernet switch counts as a hop, each link after daisy chaining through an access point counts as a hop).
- ❒ Maximum system size is 10 access points and 40 beltpacks.
- ❒ The overlap RF coverage area between two adjacent access points should have an RSSI reading of 80 or better from each access point for error free roaming.
- ❒ In a high density beltpack coverage area with more than six access points (G.722) or more than 10 access points (G.726) covering the area, all access points must be within each other's -70dBm RF coverage contour (112 or better on the beltpack's RSSI site survey screen).
- ❒ If a PoE adapter is used, access points cannot be daisy-chained. Only one access point can be powered from the PoE adapter. For more information, see "Power Over Ethernet" on page 57.