



Technical Note: Base Station Power Level Settings

Note: Adjusting RF power settings as described below should only be performed by trained and authorized audiovisual personnel.

All Revolabs Solo™ products contain MaxFlex™ technology, enabling multiple systems with a variety of microphone types to be deployed within the same building. One of the main features of our products that allow multiple units to coexist in a building area without causing interference is the ability to lower the RF broadcast power of Executive and Desktop system Base Stations.

Solo Base Stations are normally delivered from the factory configured for high power mode, which is appropriate for most installations. High power mode equates to the specified usable microphone range of 100 feet (30M) for the Executive system or 65 feet (20M) for the Desktop system. If another Solo Executive system needs to operate within the radius of another system, it is usually advisable to set all the systems to reduced power levels to preclude systems from interfering with each other. Interference between systems may cause occasional audio noise and signal dropouts on affected channels.

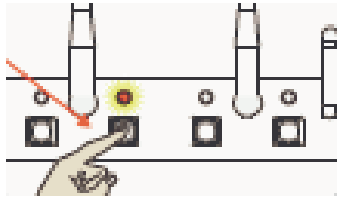
A Solo Executive system has two lesser power settings available that deliver usable microphone ranges of 30 feet (power level 2) and 8 feet (power level 3). A Solo Desktop system also has two lesser power settings delivering usable microphone ranges of 20 feet and 6 feet at power level 2 and power level 3, respectively.

In performing the following process, it may help to understand that an 8-channel Executive base station rack unit has four radio transceivers - each associated with a pair of audio channels - and that each transceiver needs to be configured separately. Similarly, a 4-channel Executive base station rack unit has two radio transceivers, while a Desktop system has just a single transceiver in the charging Base Station.

To configure a base station for reduced power level modes:

Solo Executive 4 and 8 Channel

1. Power-off base station at the mains (Reset) switch
2. Press and hold the CHANNEL 2 button and power-on the unit

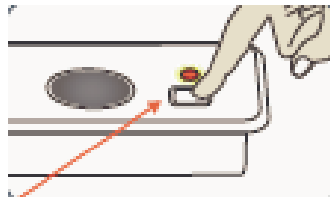


3. Release the button after the channel LED flashes green twice for reduced power level 2. Release the button after the channel LED flashes green three times for reduced power level 3
4. Repeat steps 1 to 3 with the CHANNEL 4 button
5. Repeat steps 1 to 3 with the CHANNEL 6 button (8 channel system only)
6. Repeat steps 1 to 3 with the CHANNEL 8 button (8 channel system only)

When the base station is powered-on again, the LEDs will give one green flash on channels 2, 4, 6, and 8 to indicate that the system is in high power mode, twice to indicate reduced power level 2, and three times for reduced power level 3. Note: Always confirm that all transceivers are set at the same power level setting. Each channel will repeat the flash 10 times to indicate setting.

Solo Desktop

1. Power-off base station by unplugging the AC adapter



2. Press and hold the MUTE button and plug in the AC adapter
3. Release the button after the channel LED flashes green twice for reduced power level 2. Release the button after the channel LED flashes green three times for reduced power level 3.

When base station is powered-on again, the LEDs will give one green flash to indicate that the system is in high power mode, twice to indicate reduced power level 2, and three times for reduced power level 3. The unit will repeat the LED flash 10 times to indicate setting.