



# LANDSCAPE SYSTEM OUTPUT AND BASS TECHNICAL NOTE

**FOLLOW THESE BEST PRACTICES WHEN TROUBLESHOOTING OUTPUT AND BASS ISSUES IN A JAMES LANDSCAPE SYSTEM**

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NOTE: Incorrect amp settings or insufficient input levels may result in reduced output or lack of bass.

1. If the QSC amp DIP switch settings are incorrect, a low-cut filter may be active. DIP switches are located on the rear of the amp, beneath the DSP4 if one has been installed. Default settings are as follows: DIP-1 and DIP-10 are ON (to the right) and DIP-2 through DIP-9 are OFF (to the left).
2. The QSC CX Series 70V amplifiers used by James are professional grade and require an input sensitivity of approximately 1.2V for full output. Consumer level source products may not drive the amp to full level.
  - Each amplifier is normally supplied with a DSP4 processor programmed with additional gain to ensure compatibility with consumer output levels
  - If your installation requires additional gain, contact James for guidance on reprogramming the DSP4