

Elecraft KX3

Improving Internal Speaker Performance

Revision A, April 24, 2013
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Introduction

If you have occasional loss of audio or crackling sounds coming from your K3's internal speaker, especially at high volume levels, you should check the speaker connector inside the K3 to ensure it is plugged in correctly as shown below. The orientation of the connector is important. If you plug it in backwards, the connector will press against a plastic boss on the speaker housing. This can push one of the female contacts away from the male pin, resulting in an intermittent connection. The speaker audio may then cut out in a way that resembles static or saturation and distortion in the audio amplifier.

⚠ In addition to orienting the speaker connector correctly as shown below, load and use KX3 firmware revision 1.41 or later available on the Elecraft web site. Revision 1.41 modifies the audio passband and gain distribution when the internal speaker is used, reducing the possibility of distortion.

Connector Orientation

