

KPAK3AUX CABLE SET INSTRUCTIONS

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Introduction

The KPAK3AUX cable set consists of three components: a 15-Pin to 15-Pin DE-15 main cable, a Y cable, and a Key Line Interrupter adapter. This cable set interfaces between the Elecraft KPA500 amplifier and the K3 transceiver and provides enhanced functionality. These three components are shown in Figure 1.

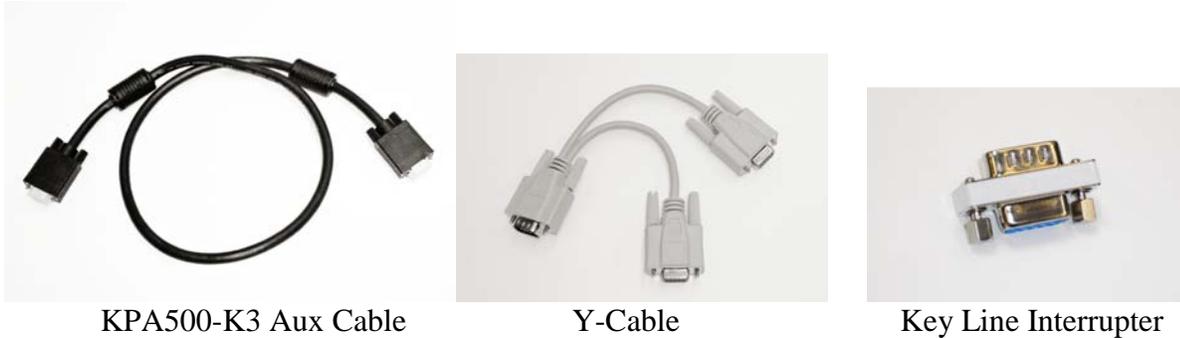


Figure 1. KPAK3AUX Cable Set

Installation Procedure

Connect the dual DE-15 KPA500-K3 Aux cable between the KPA500 AUX jack and the K3 ACC jack. When so connected, the K3 provides band data and key line signaling to the KPA500 and the KPA500 provides ALC, amplifier status, and band button functionality back to the K3. This configuration is shown in Figure 2.



Figure 2. Basic Configuration

K3 users who require ACC functionality for other devices, such as transverters, etc., may insert the Y cable into the K3 ACC jack. This allows using one output for the dual DE-15 cable to the KPA500 and the other for the transverters or other station accessories.

The Key Line Interrupter adapter opens the amplifier key line for stations that require such capability—when automatic antenna tuners, remotely tuned Yagi antennas, or high-SWR protection devices (such as the Elecraft W2) are employed. When plugged into the dual DE-15 cable, KEY OUT control from the K3 is no longer routed through the KPAK3AUX. Instead, a separate cable between the RCA (phono) jack on both units must be used. This key line cable would then be routed via the antenna tuning control or high-SWR protective device, which would interrupt the key line during antenna tuning intervals or when high SWR exists.