KX3-PCKT CABLE SET INSTRUCTIONS

Initial Revision, August 14, 2012

Introduction

The KX3-PCKT cable set interfaces between the Elecraft KX3 and personal computers, and provides convenient connection to an external foot switch and RF power amplifier. This cable set consists of four components: a 3.5mm stereo right-angle to straight through cable (green band), a 3.5mm stereo right-angle to straight through cable (red band), a 2.5mm right-angle to 3.5mm cable, and a 2.5mm stereo right-angle to KEY OUT and PTT IN (or Transmit Inhibit, or AuxBus) molded module. These components are shown in Figure 1.

Transmit Audio Cable

Receive Audio Cable

I/Q Output Cable

ACC2 Module

Figure 1. KX3-PCKT Cable Set

Installation Procedure
Connect the following cables. For every cable, the right-angle plug connects to the KX3.

Cable (Plug/Color)	KX3 Jack	Purpose
3.5mm-Red band	PHONES	Receive Audio to Computer MIC IN or LINE IN jack
3.5mm-Green band	MIC	Transmit Audio from Computer LINE OUT
2.5mm Module	ACC2	Phono: External Amplifier KEY OUT line, 3.5mm jack (mono): AuxBus, PTT Input, Inhibit-Input
2.5mm-Black	RX I/Q	Receiver I/Q output to PC Sound Card LINE IN

Alternatively, either the Red or Green cable may be modified for use with the left-hand side KEY jack.
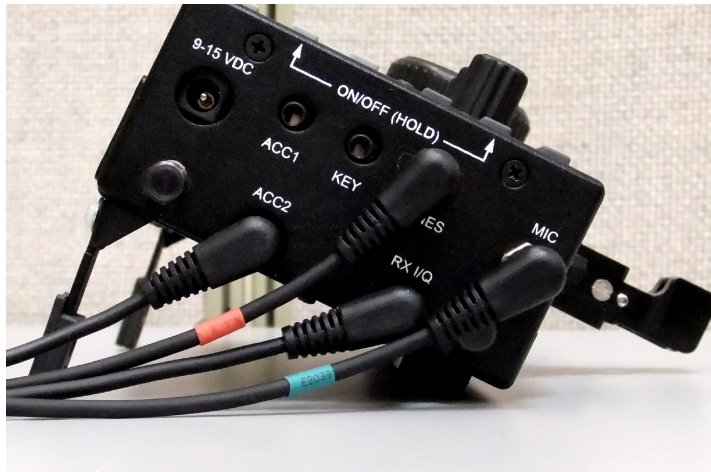
Figure 2. KX3 Configuration

Figure 2 shows the KX3-PCKT connected to a KX3. A power cable and the ACC1 serial control cable (not shown) are supplied with the radio.

KEY OUT   **PTT, AuxBus, Inhibit**

Figure 3. ACC2 Module

The ACC2 Module, shown in Figure 3, is a 2.5mm phone plug to phono plus 3.5mm mono jack module. It is useful in station applications with an external linear amplifier, where the phono jack outputs the active-low KEY OUT signal used to place the amplifier into transmit mode. The 3.5mm phone jack functionality is determined by the ACC2 IO menu item in the KX3's menu. It may be configured as either AuxBus (for use with the KRC2 controller), Push-to-Talk (PTT) input (active-low or active-high), or transmit inhibit (active-low or active-high). See the KX3 Owner's Manual for details.

Parts List

Cable Assembly	Elecraft Part Number
Transmit Audio Cable, 3.5mm-3.5mm, green band	E980229
Receive Audio Cable, 3.5mm-3.5mm, red band	E980230
I/Q Output Cable, 2.5mm-3.5mm, black	E980231
ACC2 Module (KEY OUT—PTT IN Cable)	E980232