KX3 Band Decoder/Encoder Operators Manual

Introduction

The KX3 Band Decoder/Encoder (KX3 BD/E) is a self contained device. It simply works!

Overview

KX3 BD/E snoops on the KX3 serial computer connection to catch band information and converts it to the K3 style ACC band selection port so that any K3 compatible band selection device will work with your KX3.

How to operate

The KX3 Band Decoder/Encoder (KX3 BD/E) is pretty simple to operate. Plug everything in, apply power , set your KX3 configuration option (auto information, AI) to on and your are done. There is nothing on the KX3 BD/E to configure.

Plug everything in

The two ends of the KX3 BD/E have connectors.

One end is labeled with the power supply connector. The KX3 B D/E can take any DC voltage from 8 to 19 volts (NO AC). The power connector is a coaxial style 2.1mm pin power supply connector common on many 12 volt (read same as KX3) powered ham equipment. Be sure to use a 2.1mm pin, 5.5mm barrel as the same outer diameter is available in 2.5 which will give you intermittent power connections.

The other end has three labels: KX3/PC, K3ACC and KX3/PC. The KX3/PC connectors are standard 1/8 (3.5mm) audio jacks. Same as the ACC1 port on the KX3. Plug one cable between your KX3 ACC1 and one of the jacks labled KX3/PC. You can optionally plug the other KX3/PC into a cable running to your PC.

Finally, the K3ACC connector is a compact 15 pin female connector, just like the back of the K3. Use any K3 compatible band decoder cable and connect to your band decoding devices such as the KAT500/KPA500, automatic band selectors, automatic tuners and automatic band pass filters or build your own K3 band control peripheral!