

The BAX-RKIT provides all of the necessary components for the installation of multiple ZK.. keyboards over a BaxNet network. Use this sheet in conjunction with the instructions that came with the BaxNet unit.

△CAUTION

Installation and servicing is only to be carried out by suitably qualified and experienced personnel.

△WARNING

Only use a class 2 isolated power supply for the +12 VDC.

The BAX-RKIT kit contains:

These instructions

2 x BAX-NAP (Network Access Point)

1 x PSU11 (ZK... class 2 isolating, socket-mounted power supply)

1 x BAX-NIL/2RJ (RJ45 to RJ45 cable)

1 x 6-pin mini-DIN connector

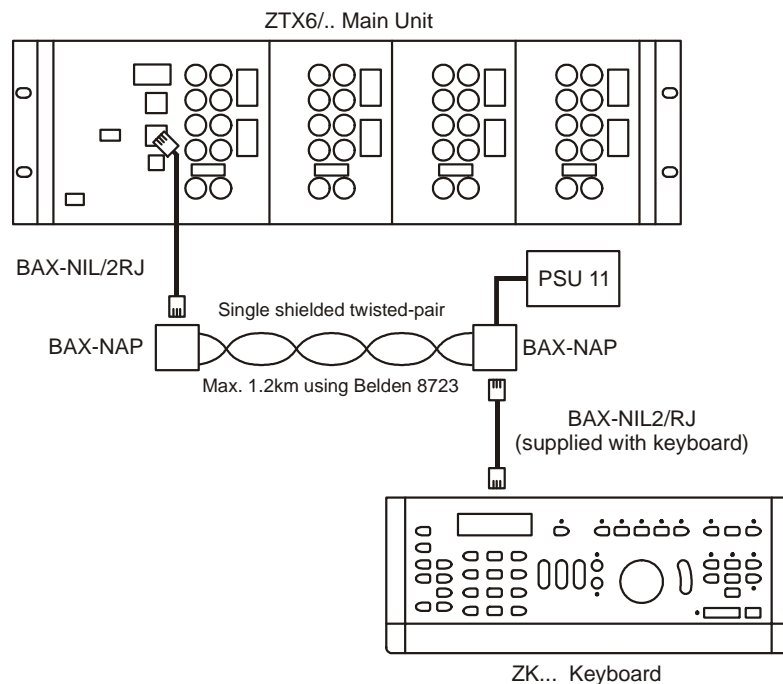


Figure 1. BAX-RKIT Connections

The two BAX-NAPs are RJ45 to screw terminal adapters. Use them to connect the BAX-NIL/2RJ cable to the twisted-pair network cable in accordance with figure 3.

POWERING THE KEYBOARD

Each main unit (ZMX.. , ZTX6..), contains a power supply capable of powering a single keyboard. If the keyboard is remote (i.e. more than 10 metres from the main unit), use the PSU11 supplied with the BAX-RKIT.

The PSU11 is a +12 VDC class 2 isolated power supply connecting directly to the AC power outlet. An AC power outlet will need to be provided within 1.2 metres of the keyboard.

The PSU11 can power a single keyboard.

Switches for termination and biasing are fitted to the keyboard and to the main unit in order to provide termination for the network. Generally, if termination is required i.e. on longer networks, switch SW3 is used. If termination is applied, biasing is set using switches SW1 and SW2.

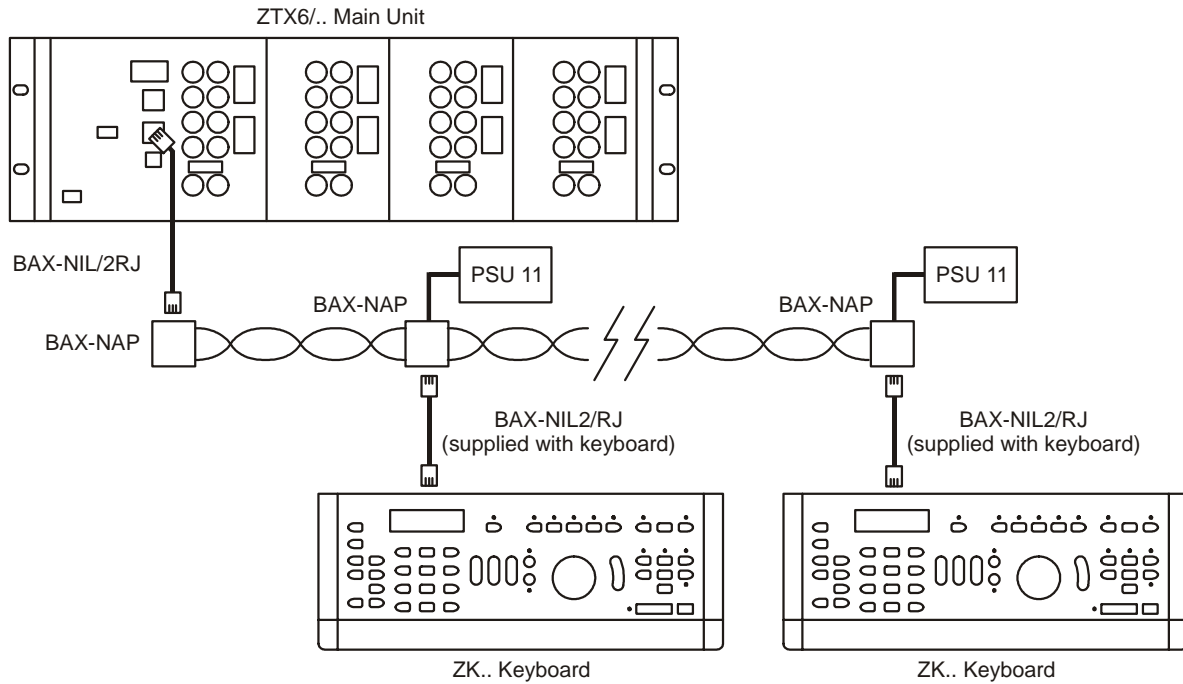


Figure 2. Multiple keyboard connections

WIRING THE NETWORK ACCESS POINT (NAP)

The screw terminals of a Network Access Point are shown in figure 3. Mount the NAP securely in a convenient place, then connect the network and power supply. Note the supplied 6-pin mini-DIN connector may be used, in place of one of the RJ45 connectors on the supplied BAX-NIL/2RJ cable. Cut one of the RJ45 connectors off and replace it with the 6-pin mini-DIN connector according to the diagram below.

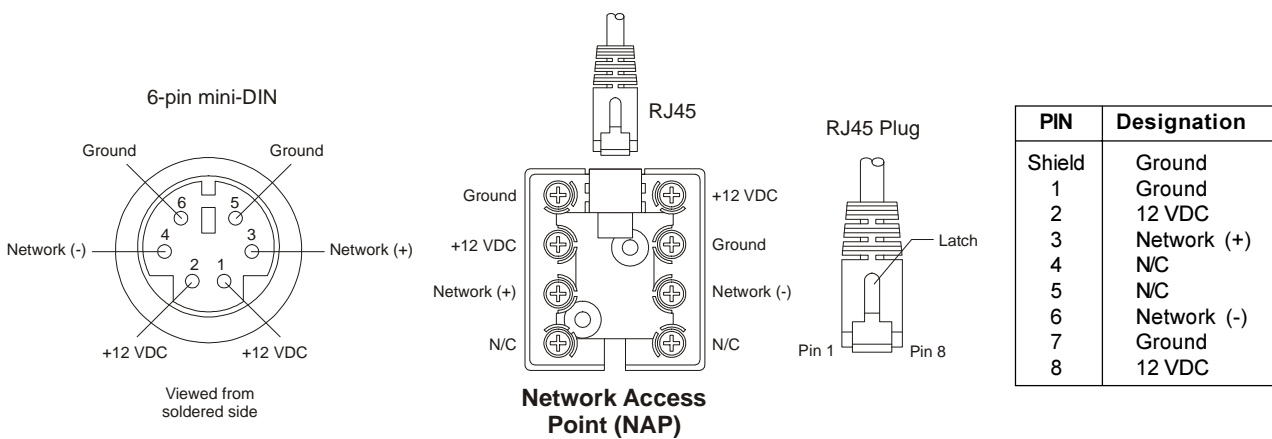


Figure 3. Network Access Point Connections