

Expansion Bus Cable Wiring

The expansion bus is used to link the XAP products (XAP 800, XAP 400, XAP TH2, and PSR1212) from one unit to the next. It is a high-speed digital bus that passes audio and control. (XAP TH2 does not pass audio through the expansion bus; it passes control only.) The expansion bus cable is a straight-through, pin-to-pin cable with four twisted pairs. Use a CAT 5 cable, solid wire, 24 gauge with the twisted pairs as shown below. **(DO NOT USE STRANDED WIRE)** The maximum length between units can be up to 80 feet. In a room site system, you can link up to eight XAP 800s, XAP 400s, or PSR1212s (in any combination) for a maximum of 64 microphones. Up to 16 XAP TH2s can also be added to the site.

