TECHNICAL DATA

signal processors

Who:

phoenix gold tech department

What:

how to interface signal processors that use XBC balanced cables with processors that use BLC cables.

pg tech support - PAW 9/98

Examples: TBAt (BLC) to EQ232 (XBC) or TBAt2 (XBC) to EQ230 (BLC)

Either scenario requires the use of an XBC cable with one connector removed and replaced with a BLC style connector.
You will need a shielded 6-pin, mini DIN plug (commercialy available).
Note: BLC style cables will not accept XBC style connectors.

Attaching a 6 pin mini DIN connector to an existing XBC cable

XBC Cable Conductors	Mini DIN Pin Assignment
Blue (left inverted phase)	Pin 2
Red twisted with Blue (left normal phase)	Pin 3
Yellow (right inverted phase)	Pin 4
Red twisted with Yellow (right normal phase)	Pin 5
Two bare wires	Shell

Views looking at the end of the male connector

XBC Pin Configuration
Pin 1 - Left inverted phase
Pin 2 - Left normal phase
Pin 3 - open
Pin 4 - open
Pin 5 - open
Pin 6 - open
Pin 7 - Right inverted phase
Pin 8 - Right normal phase
Shell - Signal ground

BLC Pin Configuration
Pin 1 - open
Pin 2 - Left inverted phase
Pin 3 - Left normal phase
Pin 4 - Right inverted phase
Pin 5 - Right normal phase
Pin 6 - open
Shell - Signal ground