



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.

Examples: TBAAt (BLC) to EQ232 (XBC) or TBAAt2 (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 (commercially 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

- Blue (left inverted phase)
- Red twisted with Blue (left normal phase)
- Yellow (right inverted phase)
- Red twisted with Yellow (right normal phase)
- Two bare wires

Mini DIN Pin Assignment

- Pin 2
- Pin 3
- Pin 4
- Pin 5
- 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