



TECHNICAL DATA

signal
processors

Who:

phoenix gold
tech department

What:

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

Examples: TBA2 (XLR) to Rane EQ or Crossover

Use an XBC cable with one connector removed and replaced with a pair of XLR style connectors. Use a Phoenix Gold #TRXBT TRX cable boot to protect the twisted wire pairs.

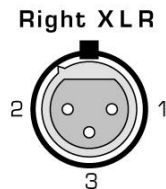
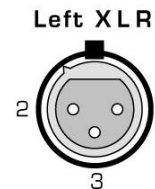
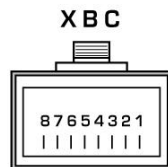
Attaching a 6 pin mini DIN connector to an existing XBC cable

XBC Cable Conductors

- Blue (left inverted phase)
- Red twisted with Blue (left normal phase)
- Bare wire twisted with blue & red
- Yellow (right inverted phase)
- Red twisted with Yellow (right normal phase)
- Bare wire twisted with yellow & red

XLR Pin Assignment

- Left XLR pin 3
- Left XLR pin 2
- Left XLR pin 1
- Right XLR pin 3
- Right XLR pin 2
- Right XLR pin 1



Views looking at the male end of the male connectors

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

XLR Pin Configuration

- Pin 1 - signal ground
- Pin 2 - normal phase
- Pin 3 - inverted phase