Connections

This document provides a reference of the KONA 2 breakout cables and the optional K-Box connections.

Note: KONA 2's breakout cables should only be used for relatively short cable runs of HD-SDI digital video. For example: they can be used for directly connecting to a tape deck, or other HD-SDI equipment, or connecting to HD-SDI cable runs of 20-30 feet.

For longer runs, the optional K-Box breakout box must be used. The K-Box electrically re-buffers all signals and will support up to 125 meters of HD-SDI cable.

Standard Cable Set

3 BNCs (Analog Connections):

In HD Can Only Be Component

Machine Control

Reference Input BNC

SDI Out1/Link A BNC

SDI Out2/Link B BNC

SDI In1/Link A BNC

SDI In2/Link B BNC

Male XLRs: Outputs Channels 1-8 (2 channels/connector)

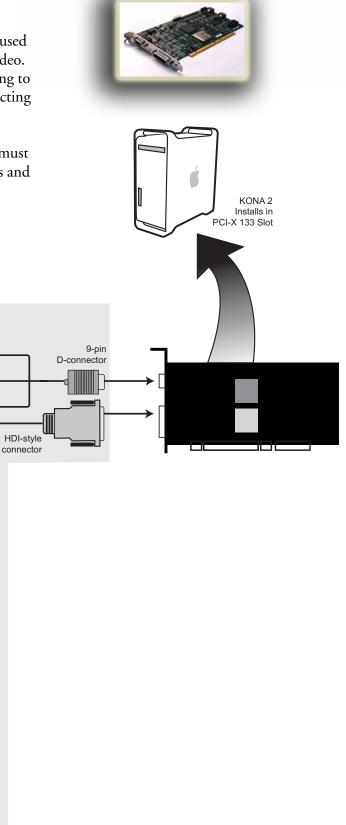
Female XLRs: Inputs Channels 1-8 (2 channels/connector)

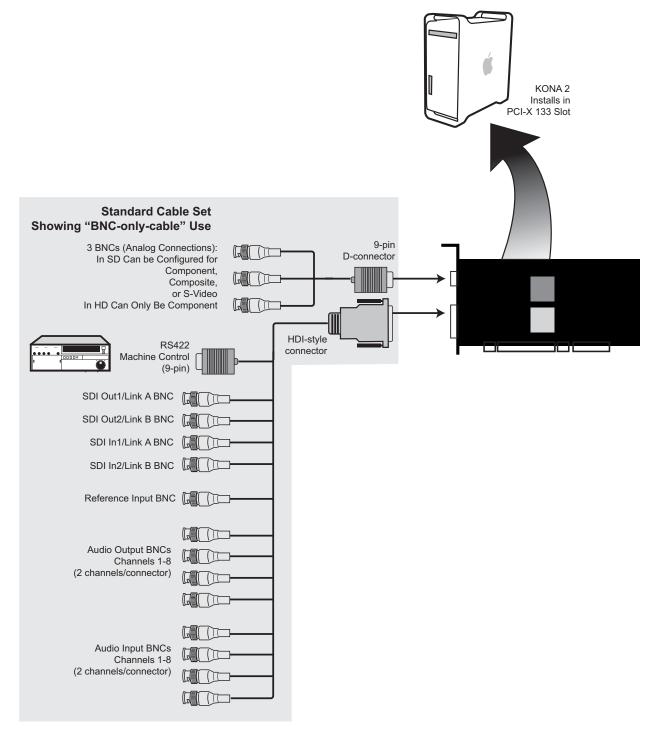
RS422

In SD Can be Configured for

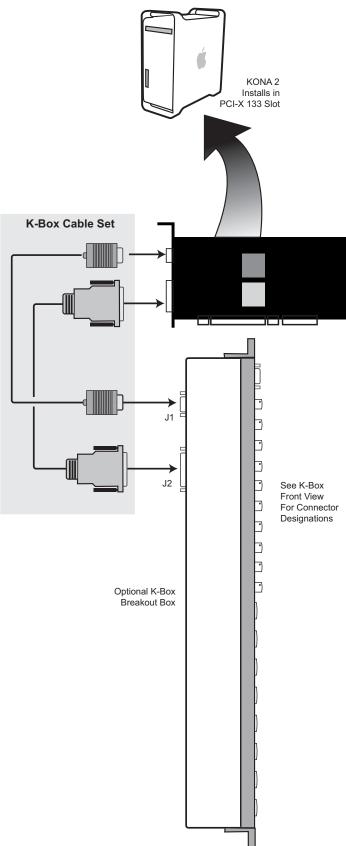
Component, Composite, or S-Video

Showing "BNC/XLR-cable" Use

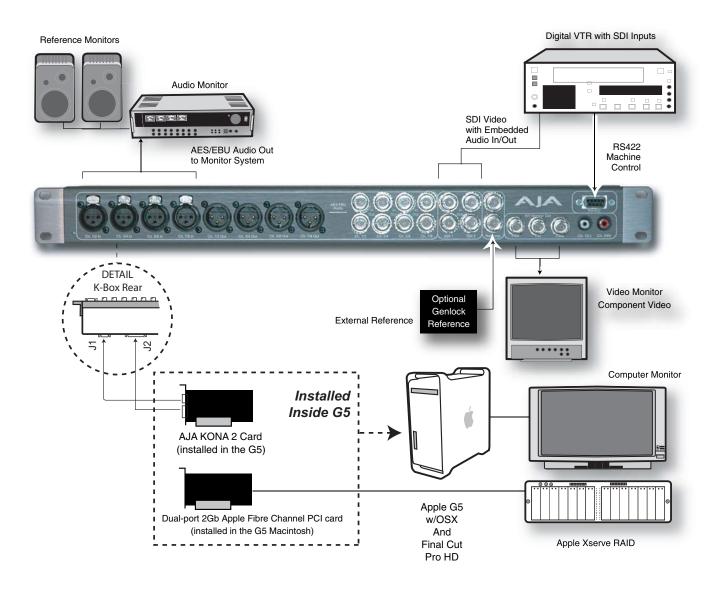




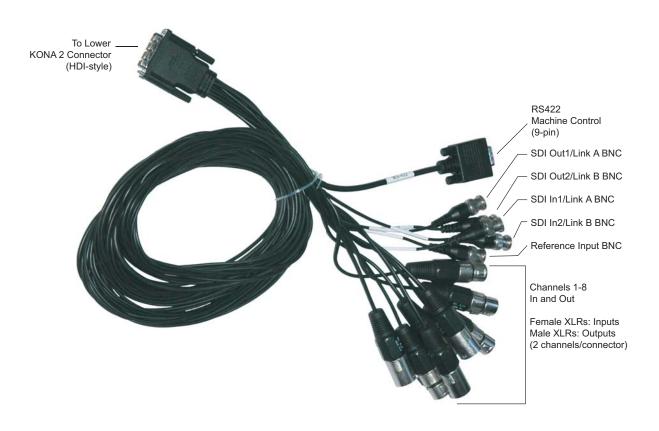
Connections with Standard Cable Having BNCs



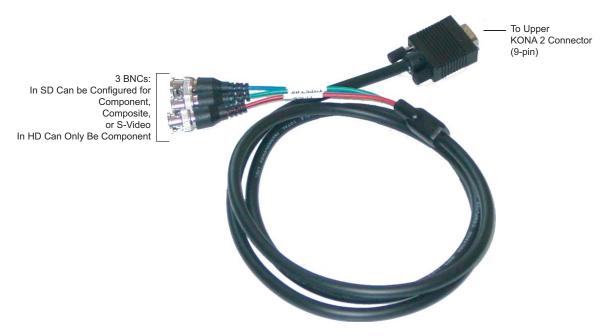
KONA 2 to Optional K-Box Connections



KONA 2 System Configured with Optional K-Box (Typical)



Cable, KONA 2 SDI In/Out, AES, RS422, and Reference Input



Cable, KONA 2 Analog Video Monitor Outputs



Cable, K-Box to KONA 2

