

Converting z-link and z-link+ Inputs and Outputs to AES/EBU

The standard z-link and z-link+ mini sample rate converters have BNC inputs and outputs which carry S/PDIF signal levels (75Ω 1V peak to peak). In order to convert these to supply AES/EBU 110Ω 5V peak to peak signals, follow the instruction below. For instructions on how to make a connector converter, please refer to Application Note L-001.

1. Remove the four corner hex-head screws from the rear panel of the unit and slide the circuit board out.
2. Locate and remove R4, R5, R6, R8, R10, and R11 using de-solder braid or a desoldering station. Note: z-link's only have R4, R5, and R6.
3. Place a 110Ω 1/4 watt 1% metal film resistor into the R4, R5, R8, and R10 footprints. Make sure you have good solder joints and that none of the pads are lifted from the circuit board.
4. Slide the circuit board back into the chassis and screw the back panel back on.