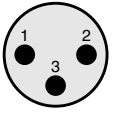


## LVP Interface Cables



**XLR-3 Connector**  
 1 = GND  
 2 = SIGNAL  
 3 = +9VDC

LinearX microphones utilize an LVP (Low Voltage Power) 3-Pin XLR interface. This configuration provides 3 dedicated pins for Ground, Signal, and Power. The power supply is a DC voltage between 8 - 10 volt, and is typically 9V. The supply should be well regulated to prevent introduction of hum into the signal. Typical microphone current requirements range from 5 - 50mA. The microphone output is single ended, typically 150 Ohm, and may contain DC bias. Signal amplitudes from the microphone can exceed 10V peak.

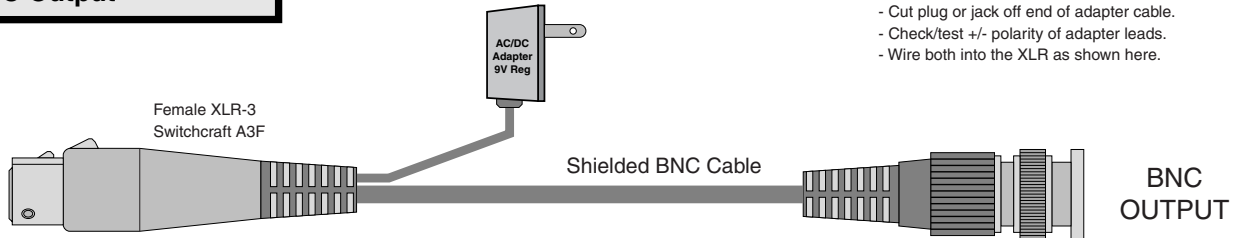
January 12, 2003

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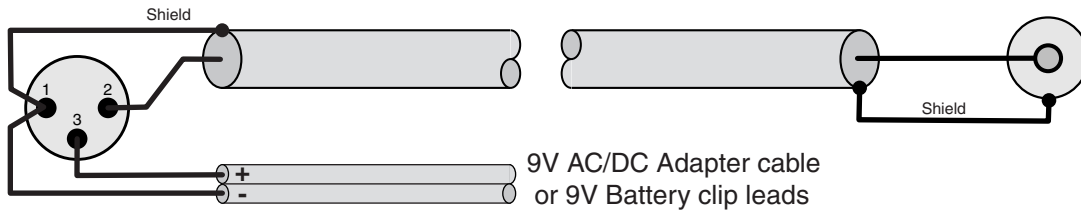
### LVP Input - BNC Output

- Cut one BNC connector off end of molded cable.
- Cut plug or jack off end of adapter cable.
- Check/test +/- polarity of adapter leads.
- Wire both into the XLR as shown here.

LVP MIC INPUT



BNC OUTPUT

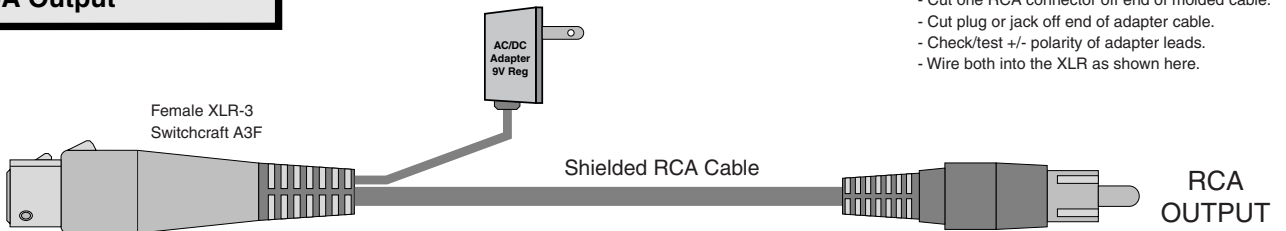


WARNING!!! Make sure polarity is correct.

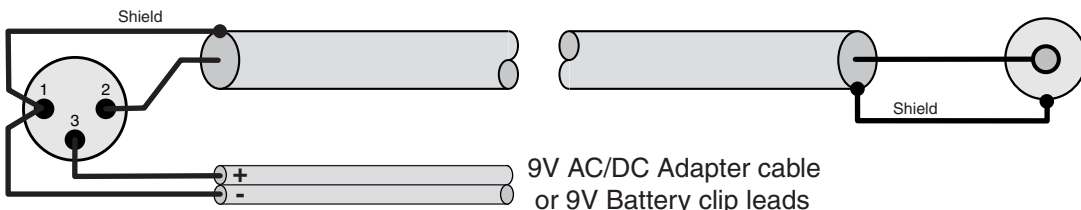
### LVP Input - RCA Output

- Cut one RCA connector off end of molded cable.
- Cut plug or jack off end of adapter cable.
- Check/test +/- polarity of adapter leads.
- Wire both into the XLR as shown here.

LVP MIC INPUT



RCA OUTPUT

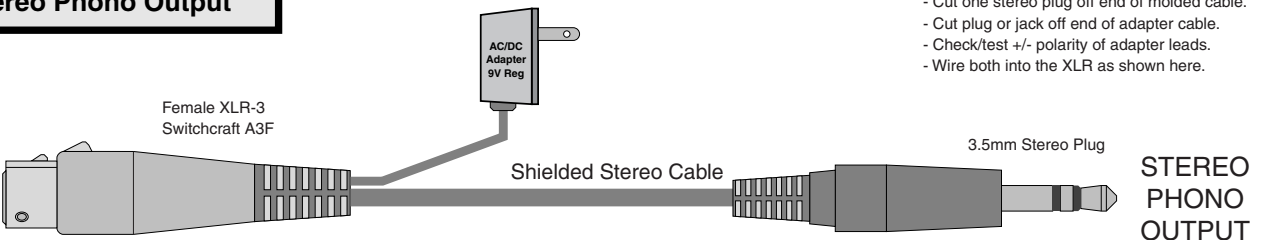


WARNING!!! Make sure polarity is correct.

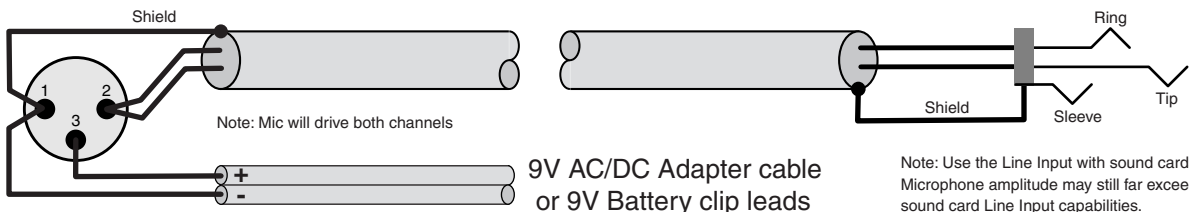
### LVP Input - Stereo Phono Output

- Cut one stereo plug off end of molded cable.
- Cut plug or jack off end of adapter cable.
- Check/test +/- polarity of adapter leads.
- Wire both into the XLR as shown here.

LVP MIC INPUT



STEREO PHONO OUTPUT



WARNING!!! Make sure polarity is correct.

Note: Use the Line Input with sound cards. Microphone amplitude may still far exceed sound card Line Input capabilities.

The power source must be a regulated AC/DC Adapter of 9 or 9.6 VDC. A standard 9V battery may also be used.

Many 9V regulated adapters are available from music stores for powering guitar effect boxes. Examples: DanElectro DA1, BOSS PSA-120, Dunlop ECB-02, or RadioShack 273-1667.