

Frequently Asked Questions

Power connections and their polarity



006-29102005

Question

What are the most common power connections, and what about their polarity?

Answer

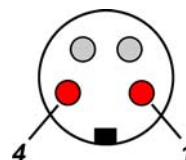
Underneath are the most common, low voltage, power connectors and their polarity listed.

The listed connections and polarity's are those according to the standards used in the professional video environment. There are however a few manufacturers that developed their own "standard". As an example of different polarization of connectors can the Toshiba minicameras be mentioned. Because of this Vocas Sales & Services cannot take any responsibility for damage to equipment because of faulty connected connectors.

XLR-4 connector



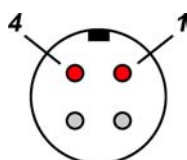
Male connector (**solder side**)



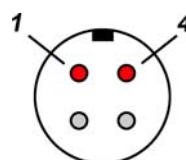
Female connector (**solder side**)

Pin 1 has got the negative (-) polarity and pin 4 has the positive (+) polarity.

Hirose 4 pin connector



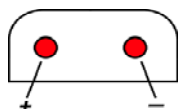
Male connector (**solder side**)



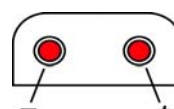
Female connector (**solder side**)

Pin 1 has got the negative (-) polarity and pin 4 has the positive (+) polarity.

Anton Bauer connector



Male connector (**front side**)



Female connector (**front side**)

As the connections of the Anton Bauer connector are easily switched take special attention that the **rounded** side of the connector points up while mounting the left and right pins.

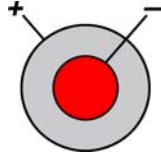
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BP-90 connector



Male/female connector

The inner contact of the connector is the negative (-) polarity, the outside of the connector has got the positive (+) polarity.