

# DXA-ALEXA Reference Card

## Preamplifier for the Arri Alexa Mini Camera

### Preamplifier Controls

<b>POWER</b>	Main Power Switch
<b>GAIN</b>	HI: 60dB LO: 40dB
<b>PHANTOM MODE</b>	Activates 48 volt Phantom Power Selects M for Mono or S for Stereo Recording (Mono allows for bracketing when using one input)
<b>MONITOR CH1</b>	Selects headphone monitoring from XLR inputs or RTN
<b>CH2</b>	Trim control for channel 1
<b>PHONES</b>	Trim control for channel 2
	Adjusts headphone monitoring level

### Preamplifier Connectors

<b>PHONES</b>	3.5mm stereo headphone connector
<b>RTN</b>	3.5mm stereo input for loopback from camera
<b>MIC IN CH1</b>	XLR balanced mic level input for channel 1
<b>MIC IN CH2</b>	XLR balanced mic level input for channel 2
<b>LINE OUT</b>	5-pin balanced output at +4dBu
<b>MIC OUT</b>	3.5mm unbalanced auxiliary stereo output
<b>PWR</b>	2-pin LEMO 12 to 16 volts DC power



### Specifications:

<b>Frequency Response</b>	20Hz to 20kHz (+/-1.0db)	<b>Channel Separation</b>	Lo Gain: 85dB (+4dBu output, 1kHz) Hi Gain: 80dB (+4dBu output, 1kHz)
<b>Gain</b>	Line Out: Lo Gain: 40dB, Hi Gain: 60dB Mic Out: Lo Gain: 10dB, Hi Gain: 30dB	<b>Metering</b>	<b>Green</b> -40dBu to 16dBu <b>Yellow</b> -16dBu to +4dBu <b>Red</b> Over +4dBu
<b>Maximum Input Level</b>	Lo Gain: -15dBu Hi Gain: -35dBu	<b>Powering</b>	External DC input jack (12-16V) Pin 1 = (-), Pin 2 = (+)
<b>Output Clipping Level</b>	Line Output: +25dBu Mic Output: -5dBu	<b>Dimensions</b>	126mm X 96mm X 40mm (4.96" x 3.78" x 1.57")
<b>Dynamic Range</b>	100dB	<b>Weight</b>	374g (0.82lbs)
<b>THD+N</b>	Lo Gain: 0.012% (+4dBu output, 1kHz) Hi Gain: 0.06% (+4dBu output, 1kHz)		

## MOUNTING OPTIONS

Here are some suggested ways of mounting the DXA-ALEXA to the Arri Alexa Mini Camera Cage

**1) Under Handle Mount**  
With included mounting bracket



**2) Rail Mount**  
With optional 15mm lens support with an adjustable center post



**3) Side Mount**  
With included mounting bracket



**4) V-Lock Mount**  
Optional V-Lock with included mounting bracket

