

DXA-ALEXA Reference Card

Preamplifier for the Arri Alexa Mini Camera

Preamplifier Controls

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

Preamplifier Connectors

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



Specifications:

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

