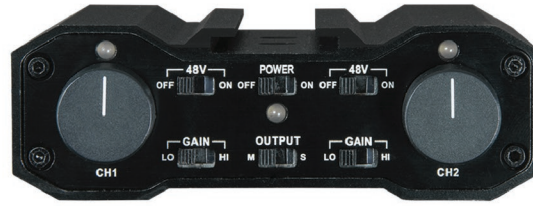


DXA-RED Reference Card

Preamplifier for RED DSMC2 Cameras

Preamplifier Controls

POWER	Main Power Switch
GAIN	HI: 60dB LO: 40dB
PHANTOM	Activates 48 volt phantom power
MODE	Selects M for mono or S for stereo recording (Mono allows for bracketing when using one input)
CH1	Trim control for channel 1
CH2	Trim control for channel 2



Preamplifier Connectors

CH1	XLR balanced mic level input for channel 1
CH2	XLR balanced mic level input for channel 2
MAIN OUT	3.5mm TRS Output for RED Cameras
AUX OUT	Auxiliary 3.5mm TRS Output (attenuated)
PWR	2-pin LEMO 5 to 18 volts DC power in Micro USB 5 volts DC power in



Specifications:

Frequency Response	20Hz to 20kHz (+/-0.5dB)	Channel Separation	LO Gain: 80dB (+4dBu output, 1kHz) HI Gain: 68dB (+4dBu output, 1kHz)
Gain	MAIN OUT: LO Gain: 40dB, HI Gain: 60dB AUX OUT: LO Gain: 20dB, HI Gain: 40dB	Level Indicators	Green -40dBu to -4dBu Red Over -4dBu
Output Clipping	MAIN OUT: +20dBu AUX OUT: 0dBu	Powering	2-Pin 0B LEMO Jack (5-18V, 120mA) Pin 1 = (-), Pin 2 = (+) MICRO USB Jack (5V, 800mA)
Maximum Input Level	LO Gain: -20dBu HI Gain: -40dBu	Dimensions	83.6mm X 75mm X 28mm (3.3" x 3.0" x 1.1")
Dynamic Range	94dB	Weight	257g (0.56lbs)
THD+N	LO Gain: 0.01% (+4dBu output, 1kHz) HI Gain: 0.09% (+4dBu output, 1kHz)		



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MOUNTING OPTIONS

Here are some suggested ways of mounting the DXA-RED to the Camera

1) Cheese Plate Mount

Use the included V-CLIK to attach the unit to any convenient area on the camera cage or cheese plate.

2) Hot Shoe Mount

Use the included brass mounting foot to attach the unit to a hot shoe bracket.

3) Rail Mount

Use a third-party accessory such as the Redrock Micro DSLR Baseplate.



Operational Notes

For use on RED DSMC2 cameras

Output connector: MAIN OUT

Gain: LO

For use on other cameras with a line level +4dBu input

Output connector: MAIN OUT

Gain: HI

For use on DSLR cameras with a mic input

Output connector: AUX OUT

Gain: LO or HI depending on the mic sensitivity