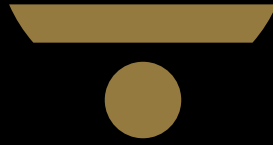


TRIBE⁷



BLACKNING⁷

PRIME LENS RANGE

SPECS · AVAILABILITY · PRICING



O U T L I N E

Purpose-designed for large format motion picture imaging, BLACKWING⁷ lenses from TRIBE⁷ represent an entirely new range of tuned optics for contemporary film makers to use within their creative story telling.

BLACKWING⁷ optics exhibit unique imaging properties which arise from the introduction of controlled distortion during the development and manufacturing processes. This distortion is modular and allows a level of tuneability over key parameters which shape many creative characteristics of the lenses.

The lens range comprises ten focal lengths: a core set of seven plus three additional wide lenses. All lenses are offered in three tuning options per focal length, configurable at point of manufacture.

BLACKWING⁷ lens tuning allows parameters such as sharpness, contrast, roll-off, spherical aberration, field curvature, edge halation and flare to be modified to provide sets of “curated” optics to suit the personality and intent of the owner.

Many of the design cues for BLACKWING⁷ primes originate in optics manufactured during the 1930 - 1960s, but the real inspiration behind the lenses lies in the evolutionary nature of experimental music and audio synthesis, and the process of creating distortion through sound amplification.

Conceptually, the ability to tune each BLACKWING⁷ lens is identical to how EQ adjustment is used in music production - to control the range, or shape of tonality in specific bands across the audio frequency spectrum. The image produced by a BLACKWING⁷ lens can be described as having a musical fidelity to it; with each focal length having an underlying level of distortion which can be controlled to produce strong artistic resonances including unique flaring characteristics.

Ten sets of BLACKWING⁷ BINARIES were created by TRIBE⁷ to help introduce the film making community to the concept of audio merging into imaging. These limited-edition BINARIES are named in recognition of creative imaging not being a black or white process – film makers accessing a wide choice of optics is essential to serve creative storytelling. BLACKWING⁷ BINARIES have been widely used on commercials, music videos, TV and feature productions and all feedback from these unique lenses has contributed to the production tuning of the BLACKWING⁷ prime lenses which are now shipping.



TECHNICAL SPECIFICATION

FOCAL LENGTH	IMAGE CIRCLE MM		CLOSE FOCUS		WEIGHT	
	MM	MIN MAX	IN	CM	LB	KG
17		54 56	8.7	22.0	3.8	1.75
20.7		50 56	9.0	23.0	3.2	1.5
23.7		50 56	10.3	26.0	3.2	1.5
27		52 56	13.0	34.0	3.6	1.7
37		60 67	18.0	45.7	3.4	1.6
47		57 60	17.5	44.5	3.2	1.5
57		60 67	19.0	48.3	3.5	1.6
77		60 67	26.0	66.0	3.0	1.4
107		60 67	27.0	68.5	3.2	1.4
137		60 67	32.0	81.3	3.2	1.5

APERTURE	—	T1.8 TO T22 FOR 77 & 107MM T1.9 TO T22 FOR ALL OTHER FOCAL LENGTHS
IRIS SYSTEM	—	NON-LINEAR, 14 BLADE
IMAGE DISTORTION	—	LESS THAN -4% / +0.5%
TRANSMISSION WAVEBAND	—	420NM TO 680NM
COLOR AND TONALITY	—	MATCHED ACROSS THE RANGE
MAGNIFICATION SHIFT	—	LESS THAN 4% (FROM ∞ TO CLOSE FOCUS)
FOCUS AND IRIS BACKLASH	—	NEGLECTIBLE
FLANGE SYSTEM	—	PL MOUNT
FOCUS SCALE AND DRIVE	—	WINDOWED
		17 TO 137MM LEFT/RIGHT IN FEET (METERS ON REQUEST) 270-DEGREE ROTATION GEARING: 142 TEETH, 0.8MM MOD, 6MM WIDTH, 115.2MM DIA
APERTURE SCALE AND DRIVE	—	NON-WINDOWED LEFT/RIGHT 90-DEGREE ROTATION GEARING: 134 TEETH, 0.8MM MOD, 3MM WIDTH, 108.8MM DIA
OPERATING TEMPERATURE RANGE	—	-20 TO +45 C

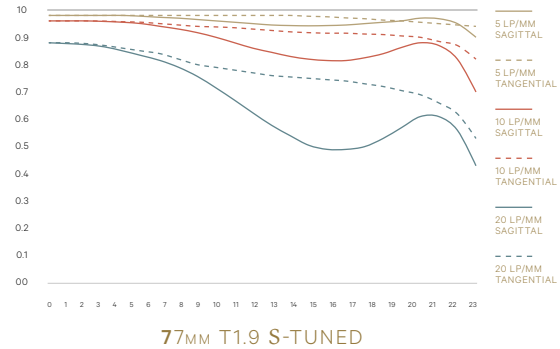


TUNING

Every BLACKWING⁷ lens is hand-built, using a proprietary production tuning process which allows the optical performance of each lens in the range to be uniquely configured and tuned to their owner's wishes and creative style. Three pre-set tonalities are available to order:

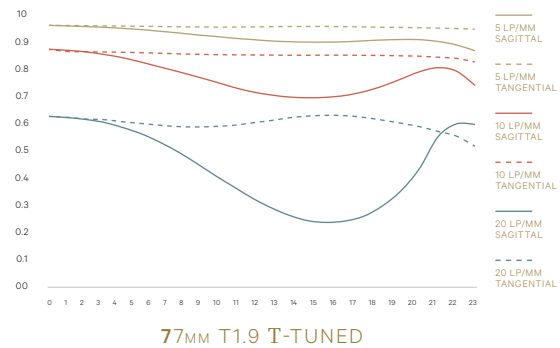
S STRAIGHT

S-tune BLACKWING⁷ primes have a tuning profile based on optical designs from the first half of the 20TH Century, such as the 1950 Wray UNILITE 50mm f/2. S lenses have optical elements with multi-layer coatings to help control the resonant flare characteristics seen in the T and X variant BLACKWING⁷ primes. The more advanced optical coating also allows a modest increase in central image sharpness whilst maintaining a smooth roll-off of contrast across the frame.



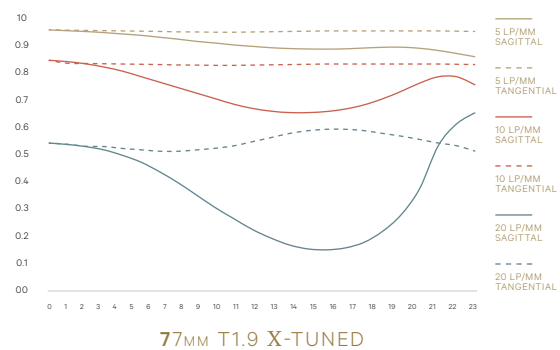
T TRANSIENT

T-tune BLACKWING⁷ primes are very much the workhorse lenses in the BLACKWING⁷ range. They have a tuning profile which further exaggerates contrast roll-off to the edge of the frame and provides increased edge halation. T lenses have a unique personality and are designed to render a slightly softer, more artistic image, with a higher degree of light reactivity and more vibrant flaring characteristic due to the use of vintage-style single-coated optics.



X EXPRESSIVE

X-tune BLACKWING⁷ primes are the lowest contrast variant of the BLACKWING⁷ lens range. Further exaggerated edge halation, with a minor degree of spherical aberration and focal plane curvature increases the perception of a shallower depth of field. X-tuned optics have selective edge-uncoating to reduce contrast under hard lighting conditions. They are designed for film makers who light minimally and favour lenses which can create smooth, almost ethereal images.





AVAILABILITY AND PRICING

BLACKWING⁷ lenses are available worldwide through direct enquiry to TRIBE⁷ or distributors. All orders are fulfilled on a first-come, first-served basis. Focal length and tuning requirements will be discussed with clients to build a personalised quotation on which an order can be based.

PRICING

USD

BLACKWING ⁷ LENS	S T X
17MM T1.9	19,900
20.7MM T1.9	17,523
23.7MM T1.9	17,114
27MM T1.9	15,265
37MM T1.9	14,169
47MM T1.9	14,169
57MM T1.9	14,169
77MM T1.8	14,169
107MM T1.8	14,169
137MM T1.9	14,169
SET OF 10 LENSES	154,816

*EURO PRICING AVAILABLE UPON REQUEST

DEPOSITS

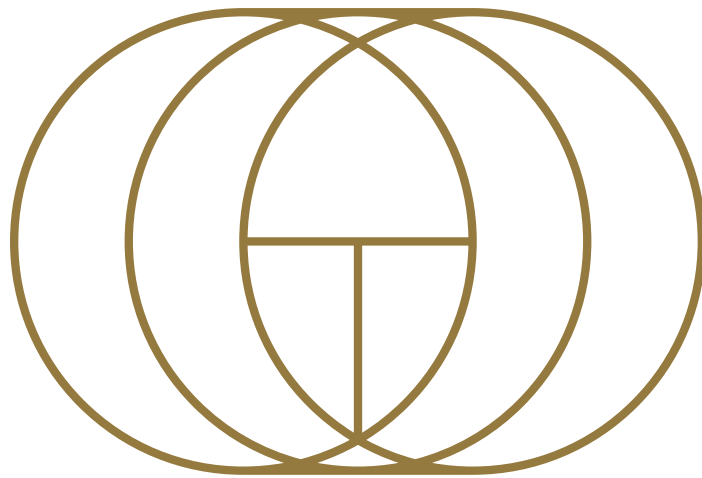
A deposit is payable upon ordering and is required to secure early availability. Pricing is FOB factory (Bavaria, Germany) and excludes delivery charges and all taxes. Bespoke lens tuning and personalisation services are available on request and will be priced accordingly.

FINANCING

Financing at 0% interest is available on all BLACKWING⁷ lenses, subject to credit approval and regional availability.



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TRIBE⁷

MISSION