

# FS40-WU MKII

Rock-solid and powerful WUXGA LED projector for NVG training



- Night Vision Goggles stimulation
- True solid-state and ruggedized
- Bright LEDs with exceptional color fidelity
- 100-0% LED dimming for training at any time
- Barco Pulse software ensures powerful processing and lowest latency

The FS40-WU MKII is the latest in the line of true solid-state simulation-ready projectors from Barco. Combining LED illumination technology with Barco Pulse electronics performance, the FS40 delivers visual excellence and extreme reliability with a low TCO. Designed for simulation applications, the FS40 features both an RGB and a dedicated IR light source, which allows for individual control of visible light and IR intensity to simulate daytime and nighttime training scenarios. Dual iris and optical filters ensure optimal contrast and deeper black levels for best in class image clarity. Designed for the most demanding simulation environments, the FS40 delivers a vision to trust.

#### Extreme reliability in all situations

Using the latest LED illumination, the FS40 produces high brightness images with optimal clarity and color gamut. Thanks to the Single Step Processing (SSP®) technology in Barco Pulse the FS40 WUXGA benefits from built-in warp and blend and smooth images up to 240Hz frame rate.

#### Lowest TCO

The FS40 uses a proven DLP® sealed optical engine and the latest solid-state LED illumination. Simulator operators can benefit from reduced Total Cost of Ownership (TCO) with extended maintenance cycles and no lamp changes or color adjustments for up to 50,000hrs. Barco Constant Light Output (CLO) functionality ensures predictability in linear brightness performance over the life of the projector. Additional protection is available when using new intelligent high-efficiency air filters for installations in dusty and harsh environments.

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ		FS40-WU MKII
<b>Яркость</b>	3000 lumens	
<b>Уровень контрастности</b>	1800-6000:1	
<b>ИК режим для имитации систем ночного видения</b>	Yes	
<b>Однородность яркости</b>	90%	
<b>Форматное соотношение</b>	16:10	
<b>Тип проектора</b>	1DLP RGB LED	
<b>Разрешение</b>	1920 x 1200 (native)	
<b>Тип объектива</b>	FLD/FLD+/FLDX	
<b>Сдвиг оптической линзы</b>	Vertical up to 134%, depending on lens Horizontal up to 70%, depending on lens Motorized zoom and focus (+ lens memory FLDX lenses) Motorized lens shift (with position memory on all lenses)	
<b>Коррекция цвета</b>	P7 RealColor™	
<b>CLO (постоянная светоотдача)</b>	Yes	
<b>Источник света</b>	RGB LED	
<b>Срок эксплуатации ЖКИ</b>	Up to 50,000 hours	
<b>Ядро Sealed DLP™</b>	Yes	
<b>Ориентация</b>	360° rotation, no restrictions	
<b>3D</b>	Active stereoscopic 3D	
<b>Обработка изображений</b>	Embedded warp & blend engine	
<b>Коррекция трапециoidalных искажений</b>	Yes	
<b>Вводы</b>	2x DP1.2 2x dual link DVI-I HDBaseT upgradable HDMI2.0 upgradable RJ 45 Ethernet RS232 in 2x USB 12v out	
<b>Разрешения входного сигнала</b>	Including and up to: 1,920 x 1200 @ 60Hz 1,920 x 1,200 @ 240Hz 2,560 x 1,600 @ 120Hz	
<b>Программные средства</b>	Projector Toolset	
<b>Контроль</b>	IR, RS232, RJ45	
<b>Соединение сети</b>	IR, RS232, RJ45	
<b>Требования к источнику питания</b>	100-240V / 50-60Hz	
<b>Энергопотребление</b>	500 W typical, 570 W maximum	
<b>БТЕ/ч</b>	1,707 BTU/h typical, 1,945 BTU/h max	
<b>Уровень шума (номинал при 25 °C / 77 °F)</b>	33 dB(A)	
<b>Рабочая температура</b>	10 -40 °C (sea level)	
<b>Температура при хранении</b>	-20 to 60 °C	
<b>Допустимая влажность</b>	20 -80% RH	
<b>Влажность при хранении</b>	10 -90% RH	
<b>Габариты (WxLxH)</b>	450 x 457 x 244 mm / 17,7 x 18,0 x 9,6 in	
<b>Вес</b>	21,5 kg / 47,4 lbs	
<b>Стандартные аксессуары</b>	Power cord, wireless remote control	
<b>Сертификаты</b>	CE, FCC Class A and cNus	
<b>Гарантия</b>	Limited 3 years parts and labor. Extendable up to 5 years	

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