

**SONY**

Preliminary

# HXC-FB75 Optical Fiber System Camera



## Unbeatable value, performance and a built-in fiber interface

The latest in Sony's immensely popular HXC Series cameras, the HXC-FB75 has a fiber interface built right in. So you can configure and shoot without extra-cost fiber adapters. Built from the ground up as a true system camera, the HXC-FB75 is compatible with the same remote control panels (RCPs) used by Sony's HDC Series cameras, the industry's leading choice for broadcast live production from news to talk to major league sports. Fitted with three of Sony's 2/3-type Exmor® CMOS image sensors, the HXC-FB75 is not only a tremendous value, it's also a star performer.

## Built-in fiber optic interface

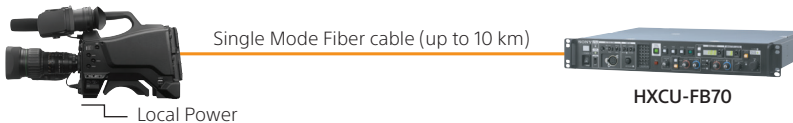


The HXC-FB75 connects directly to either SMPTE fiber or Single Mode Fiber (SMF) cables. SMPTE fiber provides remote power and supports cable runs up to 350 meters (1,150 feet), while SMF requires local power and supports cable runs up to 10 kilometers (6 miles). With either connection, you get pristine digital signal quality – without the added cost of a fiber adapter.

### SMPTE Fiber Cable with Power



### Long Distance Cable Operation



### Long Distance Cable Operation



## Thoroughbred performance, workhorse price

Thanks to Sony's 2/3-type Exmor CMOS sensors, the camera delivers outstanding pictures. Sensitivity is an impressive F12 at 59.94i (F13 at 50i), while signal-to-noise ratio is a superb 60 dB (with noise suppression). A full complement of output signal formats includes 1080i, 1080 PsF, 720p, 576i and 480i.

## A true system camera

The HXC-FB75 is a dedicated system camera. And it comes from Sony, the company that knows system cameras inside and out. To complement the camera, we created a fiber optic interface camera control unit, the HXCU-FB70. This enables ultra-precise remote control with Sony's well-known RCP-1000 and RCP-1500 Series remote control panels.



## Powerful picture adjustments

The camera offers comprehensive controls including gamma, detail, knee and matrix, along with sophisticated touches like 2x and 4x Digital Video Extender, Slow Shutter and four HyperGamma presets.

## HXC-FB75 features

- **Built-in fiber optic interface** supports cable runs of up to 350 meters (1,150 feet) of SMPTE fiber cable (with remote power) or up to 10 kilometers (6 miles) of Single Mode Fiber cable (with local power)
- **Optional triax interface** with the CA-TX70 low-latency digital triax adaptor and HXCU-TX70 camera control unit, both sold separately
- **Three 2/3-type Exmor CMOS sensors** with Full HD 1920 x 1080 resolution
- **Outstanding sensitivity:** F12 at 59.94i (F13 at 50i)
- **Low noise:** signal-to-noise ratio of 60 dB (with noise suppression)
- **Flexible signal outputs** 1080-line HD at 59.94i, 50i, 29.97 PsF and 25 PsF; 720-line HD at 59.94p and 50p; SD at 576/50i and 480/59.94i
- **Powerful system camera** designed to work with HXCU-FB70 fiber interface camera control unit, sold separately
- **Compatible with Sony's RCP Series** remote control panels, via the HXCU-FB70; supported models include RCP-1000, RCP-1001, RCP-1500, RCP-1501 and RCP-1530, all sold separately
- **2x, 4x Digital Video Extender** gets your audience even closer to the action
- **Slow Shutter** produces a usable picture even when you can barely see with the naked eye; choice of 2, 3, 4, 5, 6, 7 or 8 frames accumulation
- **TLCS (Total Level Control System)** unifies lens iris, gain, and shutter
- **Selection of standard gamma and HyperGamma** curves for graceful highlight handling
- **4-position optical Neutral Density filter** accommodates indoor and outdoor lighting (Clear, 1/4, 1/16, 1/64)
- **4-position electronic Color Correction filter** is also accessible from RCP Series remote control panels
- **ALAC (Automatic Lens Aberration Compensation)** for superior pictures with supported lenses
- **Skin Tone Detail** helps your on-screen talent look their best
- **Saturation, Low-key Saturation and Knee Saturation** maintain consistent tones under extreme lighting conditions
- **Matrix and Adaptive Matrix** for comprehensive control over color reproduction
- **Choice of configurations:** HXC-FB75H (body only) and HXC-FB75KC (includes microphone, HDVF-L10 LCD viewfinder and 20x zoom lens)

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