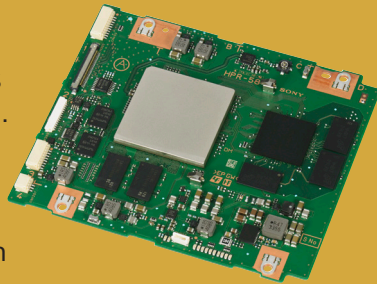


# Apple ProRes and Avid DNxHD® codecs

More codec choices with the F55 and F5 optional CBK-55PD Encoder Board.

## CBK-55PD OPTIONAL ENCODER BOARD

This hardware upgrade option for the F55/F5 cameras offer Apple ProRes and Avid DNxHD® encoding. The board includes three operating points of Apple ProRes and two operating points of Avid DNxHD® from the release date (planned for end of December). Files will be encoded internally to the F55/F5 and recorded to Sony's SxS Pro™+ memory cards. Apple ProRes 4444 will be supported with a future firmware update planned for June 2015.



The F55/F5 cameras have established codecs including 10 bit XAVC™ 422, 10 bit HDCAM SR® 444,422, MPEG 50Mbps 422, and 16-bit RAW using the optional AXS-R5 RAW recorder. This upgrade will offer even more flexibility in the workflow, allowing users to stay in Apple ProRes or Avid DNxHD® throughout the entire pipeline, if they so choose.

Installation of the CBK-55PD Encoder Board must be performed at Sony's Service Center. Appointment is necessary.

## F55/F5 CBK-55PD Encoder Board Supported Formats & Operating Points\*

**ProRes**

Avid DNxHD®

Codec	Bit Depth	Resolution	System Frequency							
			23.98P	24.0P	25.0P	29.97P	50i	59.94i	50.0P	59.94P
Apple ProRes 4444	12 bit	1920x1080	264* Mbps	264* Mbps	275* Mbps	330* Mbps	N/A	N/A	N/A	N/A
Apple ProRes 422 HQ	10 bit	1920x1080	176 Mbps	176 Mbps	184 Mbps	220 Mbps	184 Mbps	220 Mbps	367* Mbps	440* Mbps
Apple ProRes 422	10 bit	1920x1080	117 Mbps	117 Mbps	122 Mbps	147 Mbps	122 Mbps	147 Mbps	245* Mbps	293* Mbps
Avid DNxHD® 220x	10 bit	1920x1080	175 Mbps	N/A	185 Mbps	220 Mbps	185 Mbps	220 Mbps	N/A	N/A
Avid DNxHD® 145	8 bit	1920x1080	115 Mbps	N/A	120 Mbps	145 Mbps	120 Mbps	145 Mbps	N/A	N/A

\*Will be supported with a future firmware update with a planned availability of June 2015.  
 Avid and DNxHD are trademarks or registered trademarks of Avid Technology, Inc. or its subsidiaries in the United States and/or other Countries  
 One way upgrade at Sony Service Center, Encoder Board cannot be uninstalled.

Model Name: Optional Encoder Board  
 Model Number: **CBK-55PD**  
 Target Price: \$2,250 USD  
 Planned Availability: December 2014  
 How to install: At Sony Service Center



**F55/F5 CineAlta 4K. The evolution continues.**

**#NATIVE4K**



For more information please visit [www.sony.com/35mm](http://www.sony.com/35mm)  
 Features, specifications, and price are subject to change.

For detailed information on firmware updates please visit [www.community.sony.com](http://www.community.sony.com)

Current as of September 12, 2014