

A. FILM EMULSION CODES A-1

Tables

Table A-1: ORWO Emulsion Codes(not supported in all products) A-1
Table A-2: Agfa Emulsion Codes A-1
Table A-3: Kodak Emulsion Codes..... A-2
Table A-4: Fuji Emulsion Codes A-3

REVISION HISTORY

<u>REVISION</u>	<u>DESCRIPTION</u>	<u>DATE</u>
1.1.0	Added KX	Jan 6, 1999
1.1.1	Added FN72 (8572)	Feb 2, 1999
1.1.2	Added FN52 (8552), FN62 (8562)	May 21, 1999
1.2.0	Added Support for new E letters for Kodak Added EA (Eastman 5285)	Nov 25, 1999
1.2.1	Added FN82 (8582)	Jul 17, 2000
1.2.2	Added EG (Eastman 5284), EE (Eastman 5263)	Mar 9, 2001
1.3	Added EH (Eastman 5218)	Nov 25, 2002
1.3.1	Corrected Kodak table to include EV (Eastman 5242)	Dec 16, 2002
1.4	Added Fuji 8540 VELVIA color reversal Corrected Fuji 91 to REALA 500D, remove Fuji 91	Apr 2, 2003
1.5	Added EB (Eastman 5229/7229)	Jan 5, 2004
1.5.1	Added EM (Eastman 5212/7212), EL (Eastman 5217/7217)	Jan 27, 2004
1.6	Added EQ (Eastman 5205/7205), EC (Eastman 7265) Added ED (Eastman 7266)	Nov 19, 2004 Nov 19, 2004
1.7	Added FN (Fuji 8573/8673 Eterna 500 and 8583/8683 Eterna 400) Added EI (Eastman 7299)	Jun 30, 2005
1.7.1	Added EK (Eastman 5201/7201 Vision2 50D) (available in June 30/05 Firmware)	Nov 2, 2005
1.7.2	Added FN (Fuji 8553/8653 Eterna 250 and 8563/8663 Eterna 250D) (available in June 30/05 Firmware)	Apr 5, 2006
1.8	Added Kodak stocks: EJ (Vision3 500T - 5219/7219) Added Fuji stocks: FN (Fuji ETERNA Vivid160 - 8543,8643) FI (ETERNA CI Intermediate - 8503,4503), FD (ETERNA RDI Digital Intermediate (8511,4511) Added ORWO (MFG 00) stocks: OU (Barcode 29 - UN54 - 100 ASA) OU (Barcode 37 - N74 - 400 ASA) –not supported in all products	Dec 12, 2007
1.9	Added Kodak stock: EU (Vision2 500T - 5260)	Oct 23, 2008

1.10	Added support for Kodak stock: EN (Vision3 250D – 5207/7207)	Feb 04, 2009
1.11	Added Fuji stock: FN (Fuji ETERNA Vivid 500 – 8647)	Oct 29, 2009
1.11.1	Fixed Typos to include Fuji ETERNA Vivid 500 – 8547)	Jan 8, 2010
1.12	Added Kodak stock: EO (Vision3 200T – 5213/7213) Added Kodak stock: EW (Vision3 Intermediate – 2254/5254)	Dec 13, 2010
1.13	Added Fuji stock: FN (Fuji ETERNA Vivid 250D – 8546,8646)	Feb 23, 2011
1.14	Added Kodak stock: EZ (Kodak 500T – 5230/7230)	Feb 23, 2011
	Added Kodak stock: EP (Vision 3 500T – 5227/7227)	Feb 23, 2011
	Added Kodak stock: ET (Vision 3 640T – 5223/7223)	Feb 23, 2011
	Added Kodak stock: ER (VISION3 50D – 5203/7203)	May 1, 2012
	Added Kodak stock: ES (Internegative – 5273/7273/2273/3273)	May 1, 2012

A. FILM EMULSION CODES

If you are seeing a question mark in place of the film manufacturer or film type when reading and displaying KeyCode, the reason is as follows. The film barcode has a human readable component which shows the film manufacturer as a letter ('O', 'A', 'E', 'K' or 'F' for ORWO, Agfa, Eastman, Kodak and Fuji) and the film type as a letter (ex. 'J' for Kodak 5296 type film). The actual bar-code contains only numbers and so the manufacturer and type must be encoded as a numeric code. For clarity and the convenience of the user, Evertz has chosen to display these codes exactly as shown in the human readable portion of the film. We translate the codes into the alphabetic characters as established by each film manufacturer.

From time to time new film types with new codes are introduced by the film manufacturers. When these new films are read or displayed by the Film Footage Encoder, Afterburner or KeyLog TRACKER™, they may show as a question mark ('?') in place of either the film manufacturer or film type or both. The rest of the barcode is read and handled correctly. The actual codes are internally used by the software, and the KeyCode foot and frames are completely accurate. Only the display of the codes is affected.

Evertz takes great pains to ensure that the code translation tables are up to date and accurate and we endeavor to obtain the information from the film manufacturers in advance of the release of new film products. We regularly update the Emulsion code tables and provide updates on our website (<http://www.evertz.com/ftp.html>). We suggest you check this site regularly to make sure you have the most up to date emulsion codes.

The film manufacturers and film types currently supported are shown on the following charts.

Manufacturer			Emulsion		Film Type	Added
	Code	Letter	Code	Char		
ORWO	00 (35mm)	O	29	U	UN 54 (100 ASA)	May 15, 2006
	10 (16mm)		37	U	N 74 (400 ASA)	May 15, 2006

Table A-1: ORWO Emulsion Codes(not supported in all products)

Manufacturer			Emulsion		Film Type	Added
	Code	Letter	Code	Char		
Agfa	01 (35mm)	A	20	N	XT 100	
	11 (16mm)		24	M	XTR 250	
			83	F	XT 320	
			84	S	XTS 400	

Table A-2: Agfa Emulsion Codes

Film Emulsion Codes



Manufacturer			Emulsion		Film Type	Added
	Code	Letter	Code	Char		
Kodak	02 (35mm) 12 (16mm) 22 (65mm)	K	00	P	5600 (obsolete)	Mar 22, 1995
			14	X	SO-214 SFX 200T	Jan 6, 1999
			20	Y	5620 Prime Time (obsolete)	
			22	E	5222/7222	
			24	L	5224 (obsolete)	
			31	H	5231/7231	
			34	D	5234/7234	
			43	A	5243/7243 (obsolete)	
			44	V	5244/7244 (obsolete)	
			45	K	5245/7245	
			46	I	5246/7246 Vision 250D	Feb 28, 1997
			47	B	5247/7247 (obsolete)	
			48	M	5248/7248	
			49	O	5249 (obsolete)	
			72	S	5272/7272 Internegative	
			74	Z	5274/7274 Vision 200T	Feb 28, 1997
			77	Q	5277/7277	Feb 9, 1996
			79	U	5279/7279	
			87	W	5287/7287 (obsolete)	May 13, 1994
			89	R	5289 Vision 800T	Aug 10, 1998
92	N	7292 (obsolete)				
93	L	5293/7293	Jul 15, 1992			
94	G	5294/7294 (obsolete)				
95	F	5295 (obsolete)				
96	J	5296/7296 (obsolete)				
97	C	5297/7297 (obsolete)				
98	T	5298/7298 (obsolete)	Nov 23, 1993			
Eastman	02 (35mm) 12 (16mm) 22 (65mm)	E	01	K	5201/7201 Vision2 50D	Nov 2, 2005
			03	R	5203/7203 VISION3 50D	Dec 15, 2011
			05	Q	5205/7205 Vision2 250D	Nov 19, 2004
			07	N	5207/7207 Vision 3 250D	Feb 4, 2009
			12	M	5212/7212 Vision2 100T	Jan 27, 2004
			13	O	5213/7213 Vision3 200T	Feb 9, 2010
			17	L	5217/7217 Vision2 200T	Jan 27, 2004
			18	H	5218/7218 Vision2 500T	Nov 25, 2002
			19	J	5219/7219 Vision3 500T	Dec 12, 2007
			23	T	5223/7223 Vision3 640T	Dec 15, 2011
			27	P	5227/7227 Vision3 500T	Jun 30, 2011
			29	B	5229/7229 Vision2 Expression 500T	Jan 5, 2004
			30	Z	5230/7230 500T	Jun 30, 2011
			42	V	5242/7242 Vision Intermediate	Nov 25, 2002
			54	W	2254/5254 Vision3 Intermediate	Feb 9, 2010
			60	U	5260 Vision 2 500T	Oct 23, 2008
			63	E	5263/7263 Vision 500T	Mar 9, 2001
			65	C	7265	Nov 19, 2004
			66	D	7266	Nov 19, 2004
			73	S	5273/7273/2273/3273 Internegative	Dec 15, 2011
84	G	5284/7284 Vision Expression 500T	Mar 9, 2001			
85	A	5285 100D	Nov 25, 1999			
99	I	7299	Jun 30, 2005			

Table A-3: Kodak Emulsion Codes

Manufacturer			Emulsion		Film Type	Added
	Code	Letter	Code	Char		
Fuji	03 (35mm)	F	01	I	F-CI (8501, 8601, 8701) (obsolete 95)	
	13 (16mm)		02	I	F-CI (8502, 8602, 8702) (obsolete 07)	May 4, 1995
	23 (65mm)		03	I	ETERNA CI Intermediate (8503,4503)	Dec 12, 2007
			10	N	F-64 (obsolete 05/95)	
			11	I	ETERNA RDI Digital Inter (8511,4511)	Dec 12, 2007
			13	I	F-CI (obsolete)	
			14	N	F-500 (obsolete)	
			20	N	F-64D (obsolete 05/95)	
			21	N	F-64D (8521, 8621, 8721) (obsolete 98)	May 4, 1995
			22	N	F-64D (8522, 8622)	Jun 24, 1998
			30	N	F-125 (obsolete 05/95)	
			31	N	F-125 (8531, 8631, 8731) (obsolete 98)	May 4, 1995
			32	N	F-125 (8532, 8632) (obsolete 07)	Jun 24, 1998
			40	R	VELVIA color reversal (8540) (obs. 08)	Apr 2, 2003
			43	N	ETERNA Vivid160 (8543,8643)	Dec 12, 2007
			46	N	ETERNA Vivid250D (8546/8646)	Feb 24, 2011
			47	N	ETERNA Vivid500 (8547/8647)	Oct 29, 2009
			50	N	F-250 (obsolete 05/95)	
			51	N	F-250 (8551, 8651, 8751) (obsolete 99)	May 4, 1995
			52	N	F-250 (8552, 8652,) (obsolete 07)	Apr 15, 1999
			53	N	ETERNA 250 (8553, 8653)	Apr 5, 2006
			60	N	F-250D (obsolete 05/95)	
			61	N	F-250D (8561, 8661, 8761) (obsolete 99)	May 4, 1995
			62	N	F-250D (8562, 8662) (obsolete 07)	Apr 15, 1999
			63	N	ETERNA 250D (8563, 8663)	Apr 5, 2006
			70	N	F-500 (8570, 8670, 8770) (obsolete 95)	
			71	N	F-500 (8571, 8671) (obsolete 99)	Jun 12, 1996
			72	N	F-500 (8572, 8672) (obsolete 07)	Apr 15, 1999
			73	N	ETERNA 500 (8573, 8673)	Jun 30, 2005
			82	N	F-400 (8582, 8682) (obsolete 07)	July 17, 2000
	83	N	ETERNA 400 (8583, 8683)	Jun 30, 2005		
	92	N	REALA 500D (8592, 8692)	Mar 09, 2001		

Table A-4: Fuji Emulsion Codes

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