



KODAK EKTAPRO

7010/7020/9010/9020

Slide Projector



Ergänzung zur Bedienungsanleitung
Supplement to the manual
Additif au manuel
Suplemento del manual
Supplemento al manuale
Supplement van de gebruiksaanwijzing
Komplettering till manualen
Lysäys manuaaliin



Funktion	Code
•Überblendzeiten (0,1-9,9 s.) CUT	801 - 899 800
Dia-Direktwahl (RA)	0-160
Fade: MASTER SLAVE	770 707
Alternate	777
Freeze	789
•Unabhängige Projektorsteuerung	980
•Parallelprojektion Fokus SLAVE*	970 666*
•Überblendmodus reaktivieren	990
•Präsentationsmodus	989
Reset	999
Autotimer (1-60 s) ---ausschalten	601 - 660 600

*Nicht bei EKTAPRO 7010 und 9010!

This label is designed to be fixed on the rear of your IR Remote System (transmitter).

Function	Code
•Dissolve times (0.1 - 9.9 s) CUT	801 - 899 800
Random Access	0-160
Fade: MASTER SLAVE	770 707
Alternate	777
Freeze	789
•Independant Projector Control Mode	980
•Parallelprojection Focus Slave*	970 666*
•Reactivating dissolve mode	990
•Remote Security Mode	989
Reset	999
Autotimer (1-60 s) ---- off	601 - 660 600

*Function is inactivated for models 7010 and 9010!

Ce label est conçu pour être fixé à l'arrière de votre télécommande infra-rouge (émetteur).

Fonction	Code
•Fondu enchaîné (0.1 - 9.9 s) CUT	801 - 899 800
Accès aléatoire	0-160
Fondu: maître esclave	770 707
Alternée	777
Arrêt sur image	789
•Commande indépendante des projecteurs	980
•Projection parallèle Mise au point pour l'esclave*	970 666*
•Réactivation du mode fondu enchaîné	990
•Commutateur de sécurité	989
Reset	999
Minuterie automatique (1-60 s) --désactivation	601 - 660 600

*Cette fonction n'est pas active sur les projecteurs EKTAPRO 7010 et 9010!

Está etiqueta está diseñada para ser fijada en la parte trasera de su mando a distancia EKTAPRO IR (transmisor).

Fonction	Code
♦Tiempos de fundido (0.1 - 9.9 s) CUT	801 - 899 800
Selección directa	0 - 160
Desvanecimiento: Master Esclavo	770 707
Alternativo	777
Freeze	789
♦Control de proyector independiente	980
♦Proyección paralela Foco esclavo ¹	970 666
♦Reactivación de modalidad de fundido	990
♦Configuración de seguridad de mando a distancia IR	989
Reset	999
Autotimer (1-60 s) Desconexión	601 - 660 600

¹Función no operativa en los proyectores EKTAPRO 7010 ó 9010!

Funzione	Code
•Tempi della dissolvenza (0.1 - 9.9 s) CUT	801 - 899 800
Random Access	0-160
Fade MASTER SLAVE	770 707
Alternate	777
Freeze	789
•Controllo indipendente del proiettore	980
•Proiezione in parallelo Attivazione messa a fuoco dello SLAVE*	970 666*
•Riattivazione della dissolvenza	990
•Sicura del comando all'infrarosso	989
Reset	999
Autotimer (1-60 s) --disattivazione	601 - 660 600

*La funzione è inattiva per i proiettori EKTAPRO 7010 e 9010!

Dit etiket kan op de achterkant van uw Ektapro IR afstandsbediening (zender) worden aangebracht.

Funcie	Code
•Overvloeitijden (0.1 - 9.9 s) CUT	801 - 899 800
Directe diakeuze	0-160
Overvloeier: Sturende p. Gestuurde p.	770 707
Alternatief	777
Bevriezen	789
•Onafhankelijke bediening van de projector	980
•Parallelprojectie Sherpstellen gestuurde projector*	970 666*
•Terugkeer naar het overvloeien	990
•Beveiliging van de instelling IR afstandsbediening	989
Reset	999
Autotimer (1 - 60 s) --uitschakelen	601 - 660 600

*Niet mogelijk bij EKTAPRO 7010 en 9010

Denna etikett är utformad för att klistras på baksidan av Din EKTAPRO IR-kontrollis sändare.

Funktionskoder	Code
•Övertoningstider (0,1 - 9,9 s) CUT	801 - 899 800
Snabbsökning (RA)	0-160
Fade Primärprojektorns Sekundärprojektorn	770 707
Alternate	777
Frysning	789
•Oberoende projektorkontroll	980
•Parallellprojektion Aktivera skärpa för Sekundärprojektorn*	970 666*
•Återinkoppling av övertoningsläge	990
•IR kontroll - säkerhetsinställning	989
Reset	999
Tider f. timern (1-60 s) --avstängning	601 - 660 600

*Funktionen är inte aktiv på EKTAPRO 7010 och 9010!

Kiinnitä tämä tarra EKTAPRO IR kaukosäätimen taakse.

Käyttökoodit	Code
♦Esitys (0.1 - 9.9 s) CUT	801 - 899 800
Määrätyn dian valinta	0 - 160
Fade: Master Slave	770 707
Vuorottelu	777
Jäädytys	789
♦Yksittäisen projektorin valvonta	980
♦Rinnakkaisprojisointi Tarkennus Slave ¹	970 666
♦Pallu esitys asentoon	990
♦IR kauko-ohjaimen varmuusasetus	989
Uudelleen asetus	999
Automaattiajatus (1-60 s) Poistaminen	601 - 660 600

*Ainoastaan projektoreissa EKTAPRO 7010 ja 9010!

Presentations with KODAK EKTAPRO 7010, 7020, 9010 and 9020 Slide Projectors

One of the important new features of the KODAK EKTAPRO 7010, 7020, 9010 and 9020 Slide Projectors is the integrated dissolver for a 2-projector dissolve.

You just have to link two projectors using the KODAK Dissolve Cable (accessory) and you can immediately run more interesting and lively live presentations using the infrared remote control. It is also possible to play automatic slide shows with a fixed dissolve time. **However, it is not possible to record the IR-commands.**

Projection with a single projector (Soft Slide Change)

If you are just presenting with a single EKTAPRO 7010, 7020, 9010 or 9020, you can fade your slides out and back in again (e.g. by setting a dissolve time to smoothly change the slides). This means the hard light change is avoided during slide transport. The commands and notes which relate to the control of an individual projector are marked with an *.

Projection with two projectors

Choosing projectors (MASTER/SLAVE)

All commands for dissolving etc. are only transmitted to one projector. This projector is called the **MASTER**. It passes the commands on to the second projector which is known as the **SLAVE**.

■ You can use either the KODAK EKTAPRO 7010, 7020, 9010 or 9020 projector as a **MASTER**

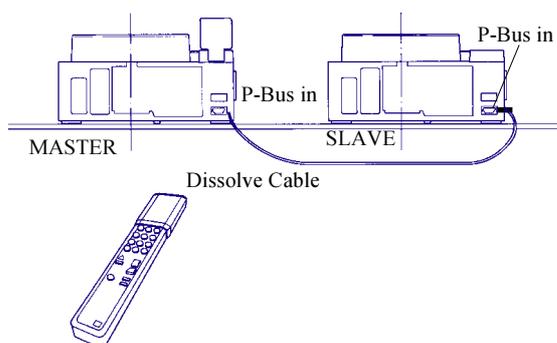
■ However, you can use **all** EKTAPRO models with a P-Bus-in interface as a **SLAVE** !

Note:

The use of all functions is only possible via EKTAPRO IR-Remote Control ! With the KODAK EKTAPRO Cable Remote only dissolves in the default setting (0.5 sec) can be carried out.

Setting up

Putting your 2 projector dissolve system together is fast and easy. Connect the two projectors via the P-bus-in interface to the KODAK Dissolve Cable (accessory) as shown in the illustration! Connect your remote control to the MASTER projector! Switch the projectors on. Your 2 projector dissolve system is now ready to use.



Comments

- Even when the two projectors are linked with the dissolve cable, they behave like individual projectors and can also be operated individually as usual via the keypad.
- If your **SLAVE** projector has a built-in timer, it must be switched off!
- If you want to use only one projector in single mode, simply switch off the **SLAVE** and use the **MASTER**!

Aligning the projectors

It is important to align the two slide projectors before beginning a presentation such that both projected images cover the same area. This is easiest using so-called aligning slides which your AV dealer will certainly carry in stock (it is useful to load the aligning slide in the tray compartment 80):

- Place the slide trays onto the projectors.
- Press the slide reverse transport button on both projectors.
- Focus both slides using the focus buttons on your projectors.
- Now align the projectors to project both slides on the same area.
- Now return both slide trays to their initial position (zero position).

You can now begin your presentation using the remote control.

Comment (EKTAPRO 7010, 7020, 9010 or 9020)

If it is necessary to carry out any additional adjustment during the presentation push both transport buttons on the "dark" projector for longer than one second. The "dark" projector is now faded in too. Switch-off the lamp again by pressing standby.

Sorting slides into the slide trays

Once you have decided on the order of your slides, number them through. Then sort all the slides with uneven numbers in sequence into the slide tray for the MASTER projector. The slides with even numbers are sorted in order into the slide tray for the SLAVE projector (see table page 34).

Commands and effects

Overview

The following table gives an overview of all commands and effects. All commands with * can also be used for projection with a single EKTAPRO 7010, 7020, 9010 or 9020 Projector!

Function	Code
*Setting dissolve times (Soft Slide Change in single projection)	801 - 899
*Random Access	0-160
Fade (MASTER)	770
Fade (SLAVE)	707
Alternate (Crossfading without slide change)	777
*Freeze	789
Independent Projector Control Mode	980
Parallel Projection Mode Activate Focus for SLAVE°	970 666°
Reactivating of the dissolve mode	990
*Remote Security Mode	989
*Reset	999
*Auto-Timer	600 - 660

°Function is inactivated for models 7010 and 9010!

Tip

√ The last code input via the numerical keypad of the IR remote control remains stored. If the command has to be reinput, it is only necessary to press the <*> key.

√ If you input an incorrect figure on the numerical keypad of the IR remote control, press clear <C> before reinputting your figure.

DISSOLVE

Basic setting

After switching on you can immediately begin a dissolve presentation. Dissolving takes place with a default time of 0.5 seconds.

As soon as you press the transport forwards button of the remote control both slide trays go to position 1 and the MASTER projector fades the no. 1 slide up at the specified time. If you push the button again the first dissolve happens: slide no. 1 is faded down in the specified time and at the same time slide 2 is automatically faded up. Then the slide tray of the MASTER projector is automatically transported one position further and the projector is ready for the next dissolve. The dissolve process also functions in the same way when you push the transport backwards button.

Notes:

You can interrupt a presentation if the dissolve time is greater than one second. If a dissolve has already started, it can be interrupted by pressing the forward button again at least 1 sec into the dissolve. The presentation will move on to the next slide. Continuously pressing the forward button will interrupt each dissolve after one second and move on to the next.

Dissolve times with IR remote control

You can input dissolve times of 0 seconds (so-called hard cut) up to a long dissolve of 9.9 seconds in increments of a tenth of a second. The numerical combinations of 800...899 on your remote control are reserved for this. Please ensure that you press the ENTER button <*> after inputting the relevant combination. Only then is the command received by the projector and the time stored. As soon as you press the transport button on your remote control, the first dissolve takes place.



Examples:

If you want a dissolve time of

1 s :→ Input <810> and confirm with <*>.

5.5 s :→ Input <855> and confirm with <*>.

0 s (Hard Cut) :→ Input <800> and confirm with <*>.

Important

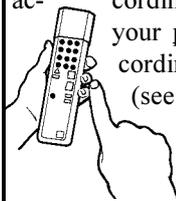
The dissolve time you have input is retained until you overwrite it with a new time (via the IR remote control). After a reset (switching off and back on again) the time you have input with the IR remote control is deleted (see "basic setting").

SELECTING SLIDES

As in the case of individual projection, you can transport backwards and forwards at will, or select slides directly (random access). The slide sequence is always retained and the projector which is currently "dark" is automatically carried to the next slide in your presentation.

***Random Access**

You select slides in 2 projector dissolving to the slide number of your presentation and not according to the slide tray number (see table on p. 34)!



Of course, if the slide you are looking for is in the slide tray of the projector

which is currently projecting a slide, a dissolve is not possible. The slide will first be faded down and the new slide faded up. In this case, the screen will stay blank during the transport period.

However, if the slide you are looking for is in the slide tray of the projector which is currently "dark", it will dissolve with the slide you are currently projecting.

Zero compartment

If there is a slide in the zero compartment of the slide tray, this can be selected by entering the following:

161 for the MASTER projector;
0 for the SLAVE projector.

Note: it is not possible to dissolve from 0 to 161 or vice versa.

Note (EKTAPRO 7010 and 9010)

If the slide tray (SLAVE) is transported on after a random access by pressing the transport buttons on the projector once or more, the previously selected slide cannot be accessed with a repeated random access command. (Example: on slide 36 with RA, transport forwards to slide 38, then back to slide 36 with RA cannot be done.)

Further control facilities

With the commands "Fade MASTER", "Fade SLAVE" and "Alternate" you can carry out dissolves without a slide transport afterwards. When a dissolve command follows this will be carried out via forward transport key on the next slide and with the backward transport key on the previous slide. Therefore it is guaranteed, that the synchronicity will also be maintained by individual lamp status. The fade in and out time will be that of the dissolve time last set.

With these commands you also can change the lamp status of the projectors when operated in the parallel mode (code 970) or in the individual control mode (code 980), whereby the new lamp status will be kept by further transport or soft slide changes. This opens up interesting possibilities for your presentation.

FADE MASTER (770)

The MASTER projector's lamp can be faded in or faded out according to status. By re-pressing the button the command will be reversed.

Press <770> and <*> on your remote control.

FADE SLAVE (707)

The SLAVE projector's lamp can be faded in or faded out according to status. By repressing the button the command will be reversed.

Press <707> <*> on your remote control.

*** ALTERNATE (Dissolve without transport) (777)**

With the Alternate command the existing lamp status can be changed (see chart).

Press <777> and <*> on your remote control.

MASTER	SLAVE		MASTER	SLAVE
		Alternate →		

***FREEZE (789)**

With the Freeze command a soft dissolve can be stopped at any time (resp. fade in and fade out by single projection) and in any position. The dissolve can be continued by pressing the forward transport key. With the backwards transport key you can fade back accordingly.

Press <789> and <*> on your remote control.

Note: Mode switch-overs cannot be done in FREEZE. FREEZE can only be released by pressing the standby button or the transport buttons. If you release FREEZE by pressing the standby button, giving the standby command again will not return to FREEZE but will continue the dissolve.

With Soft Slide Change the lamp lights up when FREEZE is ended by pressing the transport forwards button, and goes dark if the transport backwards button is pressed. No slide transport is carried out.

Special feature: You can use the transport buttons during the dissolve procedure to change the direction of dissolve more than once. Once the dissolve procedure has finished, however, the slide is not transported. This only happens the next time you press the transport button. Pressing it again continues your presentation as normal.

Further presentation features

INDIVIDUAL SLIDE TRANSPORT OF THE TWO PROJECTORS WITH REMOTE CONTROL (980)

With the number combination <980> and <*> you can control the transport of the two projectors individually with the remote control.

If this code is transmitted, the dissolve mode is cancelled and the lamps of both projectors remain on. Soft slide change cannot be carried out in this mode.

Press <980> and <*> on your remote control.

Transport control on the MASTER:

The slide transport runs, as usual, via the two transport buttons.

Transport control on the SLAVE:

The slide transport is via the two **focus buttons**.

It is therefore not possible to focus the two projectors with this setting!

Access to individual slides (RA control) is still possible (see Random Access).

☞ **PARALLEL PROJECTION (970)**

You can also program parallel projections via your remote control.

Press <970> and <*>.

Both projectors will then move to the same slide tray setting and both lamps are switched on.

Focussing:

MASTER: With the focus buttons.

SLAVE: First press <666> and <*>, then use focus buttons (not possible with models 7010 and 9010!).

With a next slide transport this command is inactive again.

The slides are numbered from 1 - 80 (or 1 - 140 on a 140 slide tray) in this parallel mode and can be selected as such. If, for example, no. 13 is selected, both projectors will go into search mode and project the slides in the slide tray slot no. 13.

☞ **BACK INTO DISSOLVE MODE (990)**

By inputting this combination of numbers and the <*> you can go back to a basic setting for the two projector dissolve. The dissolve time previously set is retained.

Press <990> and <*> on your remote control.

☞ ***SECURITY SETTING FOR PRESENTATIONS USING IR REMOTE CONTROL (989)**

If all the preparations for a presentation have been made, it is important for a presentation to run "smoothly". In spite of the best preparation "small hitches" can occur if the presenter presses the wrong button on the remote control by accident.



With the security setting you can set up your remote control so that when the transport button is pressed, only one transport step or only one dissolve is executed. The focus buttons are also disabled so that if you happen to press the buttons, the focus on the projector is not changed. All other functions remain active (and can be secured by the cover on the remote control). Even novice presenters can now "not put a foot wrong"!

This is how to put your remote control into the security position:

Press (989) and <*>.

The following functions are changed:

■ Transport forwards:

Regardless of how long you press a button, the projector only carries out a single transport step or the next dissolve. In case the parallel mode is activated the slides will only be projected if the button is released.

■ Transport backwards:

Hold down the button for at least two seconds. The projector carries out a single step backwards and the slide will be projected in the moment the button is released.

■ Focus:

Inactive

Note

- *Of course the security position can also be used to control projection with a single projector.*

- *For the individual projector control (980) this command cannot be applied.*

To cancel the security setting:

The presentation mode can only be cancelled by a reset command or by switching the projectors off and on again (see "RESET").

Press (999) and <*>.

☞ ***RESET (999)**

When you input this command, the two projectors are automatically reset to their zero position. Reset is the same as switching the projectors off and back on again (see also basic setting).

Press <999> and <*> on your remote control.

☞ ***AUTOTIMER (600...660)**

A Timer function can also be set via the IR remote control. This is particularly relevant for the EKTAPRO 7010/7020 as this does not have a built-in timer.

Any time from **1 to 60 seconds** can be set (in steps of one second). If you transmit such a command to the MASTER projector, the first transport command or the first dissolve is carried out immediately. This is a check for you that the projector is now in autotimer mode.

Example

You want a dissolve to take place every 22 seconds:

➔ **Press <622> and <*> on your remote control.**

The slide tray goes to position 1 and the first picture with the dissolve time is faded up. The first dissolve occurs after 22 seconds.

Important:

Whilst the MASTER projector is carrying out a slide transport, no commands should be sent with the IR remote control. This can lead to the command not being recognised, especially in the case of very short autotimer times. In this case the projector should be switched off- and on again.

Switching the autotimer off

You can turn the autotimer off again at any time:

Press <600> and <*> on your remote control.

Dia-Einsortierhilfe / Slide Sorter Aid / Aide au tri des diapos
Ayuda para clasificador de diapositivas / Sequenza Master - Slave
Sorteerhulp / Bildsorteringstabell /Diojen Asettelutaulukko

Slide No	Position in MASTER tray	Position in SLAVE tray	Slide No	Position in MASTER tray	Position in SLAVE tray	Slide No	Position in MASTER tray	Position in SLAVE tray	Slide No	Position in MASTER tray	Position in SLAVE tray
0	0		41	21		82		41	123	62	
1	1		42		21	83	42		124		62
2		1	43	22		84		42	125	63	
3	2		44		22	85	43		126		63
4		2	45	23		86		43	127	64	
5	3		46		23	87	44		128		64
6		3	47	24		88		44	129	65	
7	4		48		24	89	45		130		65
8		4	49	25		90		45	131	66	
9	5		50		25	91	46		132		66
10		5	51	26		92		46	133	67	
11	6		52		26	93	47		134		67
12		6	53	27		94		47	135	68	
13	7		54		27	95	48		136		68
14		7	55	28		96		48	137	69	
15	8		56		28	97	49		138		69
16		8	57	29		98		49	139	70	
17	9		58		29	99	50		140		70
18		9	59	30		100		50	141	71	
19	10		60		30	101	51		142		71
20		10	61	31		102		51	143	72	
21	11		62		31	103	52		144		72
22		11	63	32		104		52	145	73	
23	12		64		32	105	53		146		73
24		12	65	33		106		53	147	74	
25	13		66		33	107	54		148		74
26		13	67	34		108		54	149	75	
27	14		68		34	109	55		150		75
28		14	69	35		110		55	151	76	
29	15		70		35	111	56		152		76
30		15	71	36		112		56	153	77	
31	16		72		36	113	57		154		77
32		16	73	37		114		57	155	78	
33	17		74		37	115	58		156		78
34		17	75	38		116		58	157	79	
35	18		76		38	117	59		158		79
36		18	77	39		118		59	159	80	
37	19		78		39	119	60		160		80
38		19	79	40		120		60	161		0
39	20		80		40	121	61				
40		20	81	41		122		61			



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