

# Colorimetric and Resolution requirements of cameras

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## ADDENDUM 5 : Menu settings for BTS/Thomson Multi-media LDK6000

Menu items that contribute significantly to the “BBC look” are highlighted.

### Camera Head System Menu Structure

#### MAIN Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
VF >>	0 1 2 3 S						
Lens >>	0 1 2 3 S						
Video >>	2 3 S						
Install >>	0 1 2 3 S						
Files >>	1 2 3 S						
Security >>	0 1 2 3 S						
Diagnostics >>	2 3 S						
Service >>	3 S						

#### VF Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
VF mon	2 3 S	Y,R,G,B,-G	-	operator	Y		
VF Contour >>							
VF Contour	2 3 S	On, Off	-	operator	On		
Level	2 3 S	0..99	VF cont. Off	operator	95	50	
Focus Assist	0 1 2 3 S	On,Off	-	operator	On		
Zebra >>							
Zebra	3 S	On,Off	"2" VF used	operator	Off		Switch on VF
mode	3 S	Level, band	Zebra Off	operator	Level		
level (%)	3 S	0..99	Zebra Off	operator	90		
contrast	3 S	0..99	Zebra Off	operator	15		
Centre Cross	0 1 2 3 S	On,Off	-	operator	Off		
Safe Area	0 1 2 3 S	On,Off	-	operator	Off		
Audio Bar	0 1 2 3 S	On,Off	Triax	operator	Off		
Iris Ind.	0 1 2 3 S	On,Off	SuperXPander	operator	Off		
Focus Ind.	0 1 2 3 S	On,Off	SuperXPander	operator	Off		
Zoom Ind.	0 1 2 3 S	On,Off	-	operator	Off		
Box downright	0 1 2 3 S	Filtr,Off	-	operator	Off		indicates filters
Marker	0 1 2 3 S	Off,4:3,16:9,14:9	-	operator	Off		actually "4:3" On, Off on the camera
Marker Type	0 1 2 3 S	Dot,Shad, Both	-	operator	Off	70	"Shad" doesn't do the right thing viewfinder text brightness
Ind. White	2 3 S	0..99	-	operator	28		
Ind. Black	2 3 S	0..99	-	operator	30		
Display	2 3 S	On,Time	-	operator	Time		useful to set this to On for set-up
Menu Time	3 S	0..10 sec.	Display On	operator	10		
Info Time	3 S	0..20 sec.	-	operator	5		
Rotary Speed	3 S	0..10 sec.	-	operator	5		
VF Notch	2 3 S	On,Off	-	operator	Off		
Ext Asp Ratio	0 1 2 3 S	4:3,16:9	-	operator	4:3		
Int Asp Ratio	0 1 2 3 S	4:3,16:9	-	operator	16:9		

#### LENS Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
Lens Type	0 1 2 3 S	Std,WA	-	operator	STD		two basic settings
Auto Iris	0 1 2 3 S	On, Off	SuperXPander		Off		
Peak/Average	3 S	0..99	Auto Iris off	scene	65		
AutoIris Setpoint	3 S	0..99	-	scene	35		
Mom Iris Setpoint	3 S	0..99	-	scene	50		
Manufacturer	0 1 2 3 S	Fuj, Ang, Can, Other	-	-	Fuj1		for large lens adapter
Extended iris >>	3 S						
GainSpeed	S	0..99	-	operator	5		
ExpTimeSpeed	S	0..99	-	operator	4		
Min iris	3 S	5.6, 8, 11, 16	-	operator	F16.0		
Max iris	3 S	1.4, 2, 2.8, 4, 5.6	-	operator	F2.0		
Min exp time	3 S	1/100, 1/200, 1/500	-	operator	1/500		
Max Gain	3 S	0..15 (3db steps)	-	operator	15dB		
Autoiris const >>	3 S						
Iris gain	3 S	5..10	-	-	-		
VTR Switch	0 1 2 3 S	Alt,Mom	No LDK 5600		Alt		did not see this item

## VIDEO Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
Colour filter	2 3 S	00 .. 99	3k2,5K6,7K5,AW C	scene	50		
Contour >>							
Contour	S	Off, On	-	scene	On		
Level	3 S	00 .. 99	Contour = Off	scene	50	26	
Srce Sel >>	3 S	Y,R,G,RG	-	scene	R+G		
<more> >>							
vert cont	3 S	0..99	Contour = Off	scene	25	29	
coarse/fine	3 S	0..99	Contour = Off	scene	50	99	
Level	S	0..99	Contour = Off	scene	50	26	repeats entry above
level dep.	S	0..99	Contour = Off	scene	40	54	
noise slice	S	0..99	Contour = Off	scene	5	15	
Soft Cont >>							
Soft Contour	2 3 S	Off, On	-	scene	Off		
Level	2 3 S	0..99	Soft Cont=Off	scene	70		
Knee Contour	3	Off, 1,2,3,4		scene	Off		
Skin >>							
Skin	2 3 S	Off, 1, 2, 1+2	-	scene	Off		
Auto	2 3 S	Off, On	Skin=Off or 1+2	-	Off		
View	2 3 S	Off, On	On Skin=Off		Off		
Skin Level	2 3 S	0..99	On Skin=Off	scene	50		
<more> >>							
width1 R	3 S	0..99	Skin <> 1	scene	50		
width1 B	3 S	0..99	Skin <> 1	scene	50		
color1 R	3 S	0..99	Skin <> 1	scene	50		
color1 B	3 S	0..99	Skin <> 1	scene	50		
width2 R	3 S	0..99	Skin <> 2	scene	50		
width2 B	3 S	0..99	Skin <> 2	scene	50		
color2 R	3 S	0..99	Skin <> 2	scene	50		
color2 B	3 S	0..99	Skin <> 2	scene	50		
Flare >>							
Flare	S	Off, On	-	scene	On		Must be on for operations
Red	S	0..99	Flare = Off	scene	10		
Green	S	0..99	Flare = Off	scene	15		
Blue	S	0..99	Flare = Off	scene	25		
Black >>							
Dyn. Black	2 3 S	Off, On	Triax	-	-		Not present on camera tested
Black stretch	3 S	0..99	Blk str = Off	scene	99	60	Not sure how this relates to Black Press/stretch
Master	2 3 S	0..99	-	scene	50		
<more> >>							
Red	3 S	0..99	-	scene	50		
Green	3 S	0..99	-	scene	50		
Blue	3 S	0..99	-	scene	50		
Master	3 S	0..99	-	scene	50		
Gain >>							
Red	2 3 S	0..99	-	scene	50		
Green	2 3 S	0..99	-	scene	50		
Blue	2 3 S	0..99	-	scene	50		
Knee >>							
Knee	2 3 S	Off, Var	-	scene	Off	On	
Knee Type	3 S	Y, NAM	-	scene	Y		
Slope M	3 S	0..99	knee <> var	scene	60	90	
Point M	3 S	0..99	knee <> var	scene	50	46	
<more> >>							
Knee Lim	S	0..99	knee <> var	scene	99		
Desat'n	S	Off, On	knee=off	scene	On	Off	
Desat Lvl	S	0..99	desat = off	scene	50		
Auto Point	S	0..99	knee <> auto	scene	30		
Auto Ref	S	0..99	knee <> auto	scene	30		
Gamma >>							
Gamma	2 3 S	Nom,Low,Pre	-	scene	Nom		
Master	3 S	0..99	gamma<>Pre	scene	76		
Red	3 S	0..99	gamma<>Pre	scene	76		
Green	3 S	0..99	gamma<>Pre	scene	76		
Blue	3 S	0..99	gamma<>Pre	scene	76		
<more> >>							
Curve	S	BBC04/05/06, ARD, 6xARD, CCIR, RAI	-	scene	ARD	BBC05	
Gamma	S	Gamma, Lin	-	scene	gamma		
Matrix >>							
Matrix	3 S	EBU,RAI,BBC,B/W, skin,1:1,CFL,var1&2	-	scene	Skin	BBC	
R..G	S	0..99	Matrix<>Var	scene	--		
G..R	S	0..99	Matrix<>Var	scene	--		

R..B	S	0..99	Matrix<>Var	scene	--		
B..R	S	0..99	Matrix<>Var	scene	--		
G..B	S	0..99	Matrix<>Var	scene	--		
B..G	S	0..99	Matrix<>Var	scene	--		
Mat / Gamma	S	G/M, M/G	-	scene	G/M	M/G	matrix before/after gamma
White Limit >>							
White Limit	S	Off, On	-	scene	On		
Master	S	0..99	Wh.Limit = Off	scene	80		
Shading >>							
Shading	S	Off, On	-	scene	On		
H saw red	S	0..99	Shading = Off	-	50		
H saw green	S	0..99	Shading = Off	-	50		
H saw blue	S	0..99	Shading = Off	-	50		
H par red	S	0..99	Shading = Off	-	0		
H par green	S	0..99	Shading = Off	-	0		
H par blue	S	0..99	Shading = Off	-	0		
V saw red	S	0..99	Shading = Off	-	50		
V saw green	S	0..99	Shading = Off	-	50		
V saw blue	S	0..99	Shading = Off	-	50		
V par red	S	0..99	Shading = Off	-	0		
V par green	S	0..99	Shading = Off	-	0		
V par blue	S	0..99	Shading = Off	-	0		
Saturation	2 3 S	0..99	-	-	50	40	

### INSTALL Menu LDK 5600 Multi-Purpose Adapter

Not the version tested; see below

Menu text	User level	Values	Blocked if	File	Default	BBC
Video Mode	2 3 S	1080i,720p	Not Available	-	-	
Disable Camera	0 1 2 3 S	Off, On	-	-	Off	
IR receiver	0 1 2 3 S	Off, On	-	operator	Off	
OnAir Lamp	0 1 2 3 S	Off, On	VF<> 7"	operator	On	
Notch	0 1 2 3 S	Off, On	-	operator	Off	
Exposure >>	0 1 2 3 S					
Lighting	1 2 3 S	-10..+10	Exp<>50,60Hz	scene	0	
Clean Scan >>	1 2 3 S					
Mode	1 2 3 S	Normal,Extended	-	scene	Normal	
Value	1 2 3 S	*	-	scene	-	
Units	1 2 3 S	Hz, mSec	-	scene	mSec	
Gain preset >>						
Gain - (dB)	2 3 S	-3, -6	-	operator	-3dB	
Gain + (dB)	2 3 S	3,6,9	-	operator	3dB	
Gain ++ (dB)	2 3 S	6,9,12	-	operator	6dB	
Autowhite	S		Coltemp<>AW			
Awb speed	S	0..99	-	operator	4	
Awb gain	S	0..99	-	operator	10	
Quick Smart Touch	1 2 3 S	On, Off	not installed	-	On	

Comment

\* See section 5 of Operation Manual 'Shooting Screens'

### INSTALL Menu LDK 5460 Triax Adapter

Menu text	User level	Values	Blocked if	File	Default	BBC
Video Mode	2 3 S	1080i,720p	Not Available	-	-	
Disable Cam	0 1 2 3 S	Off, On	-	-	Off	
IR receiver	0 1 2 3 S	Off, On	-	operator	Off	
OnAir Lamp	0 1 2 3 S	Off, On	VF<> 7	operator	On	
Intercom >>						
Side tone	1 2 3 S	0..99	-	operator	50	
Cam. Mic	1 2 3 S	On,Off,Switch	Cam. Mic=On	operator	Off	
Cam. Mic Gain	1 2 3 S	0dB,40dB	-	operator	40dB	
Cam. Mic Pwr	1 2 3 S	On,Off	-	operator	Off	
Cam. Prod	1 2 3 S	Off,L,R,Both	-	operator	Off	
Cam. Eng	1 2 3 S	Off,L,R,Both	-	operator	Off	
Cam. Prog	1 2 3 S	Off,L,R,Both	-	operator	Off	
Cam. Track	1 2 3 S	Off,L,R,Both	-	operator	Off	
Cam. Track lvl	1 2 3 S	0..99	-	operator	50	
Track Mic To	1 2 3 S	Off,Cam,Eng, Prod,All	-	operator	Off	
Track Mic Gain	1 2 3 S	0dB,40dB	-	operator	40dB	
Track Mic Pwr	1 2 3 S	On,Off	-	operator	Off	
Track Source	1 2 3 S	Side,Eng	-	operator	Side	
Cam. Mic To	1 2 3 S	CH1,CH2	-	operator	CH1	
Audio >>						
Audio 1 Gain	1 2 3 S	-22 to -64 by 6	-	operator	-22	
Audio 1 HPF	1 2 3 S	On,Off	-	operator	Off	
Audio 2 Gain	1 2 3 S	-22 to -64 by 6	-	operator	-22	
Audio 2 HPF	1 2 3 S	On,Off	-	operator	Off	
Notch	3 S	Off, On	-	operator	Off	
Exposure >>						
Lighting	1 2 3 S	-10..+10	Exp<>50,60Hz	scene	0	

Comment

Camera tested had options: 1080i50, 1080i60, 720p50, 720p60, but these need to be changed as links in base station and head for the present.

Clean Scan >>	1 2 3 S							Press switch for 2 seconds
Mode	1 2 3 S	Norm,Extended	-	scene	Normal			
Value	1 2 3 S	*	-	scene	-			* See section 5 of Operation Manual 'Shooting Screens'
Units	1 2 3 S	Hz, mSec	-	scene	mSec			
Gain preset >>								
Gain - (dB)	2 3 S	-3,-6	-	operator	-3dB			
Gain + (dB)	2 3 S	3,6,9	-	operator	3dB			
Gain ++ (dB)	2 3 S	6,9,12	-	operator	6dB			
Autowhite >>				Coltemp<>AW				
Awb speed	S	0..99	-	operator	4			
Awb gain	S	0..99	-	operator	10			
Quick Smart Tch	1 2 3 S	On, Off	not installed	-	On			
Private Data	0 1 2 3 S	C->B,B->C,B<->C	-	operator	Inter			
PCI id					1			Not in manual

### FILES Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
Store scenefile >>							
File select	2 3 S	sacm1..4, scard1..4	-	-	-		
Store	2 3 S	Exec	-	-	-		
Recall scenefile >>							
File select	2 3 S	standard, scam1..4, scard1..4	-	-	-		
Recall	2 3 S	Exec	-	-	-		
Store oper. file >>							
File select	1 2 3 S	ocam 1, ocard1..2	-	-	-		
Store	1 2 3 S	Exec	-	-	-		
Recall oper. file >>							
File select	1 2 3 S	standard, ocam1, ocard1..2	-	-	-		
Recall	1 2 3 S	Exec	-	-	-		
Attributes >>							
File select	2 3 S	available files	-	-	-		
File name	2 3 S		-	-	-		
Attribute	2 3 S	R/W, R	no card	-	R/W		
Standard files >>			not installed				
Standard settings	2 3 S	Exec	-	-	-		
Lighting ---							
Night	2 3 S	Exec	-	-	-		
Fluorescent	2 3 S	Exec	-	-	-		
Extreme contrast	2 3 S	Exec	-	-	-		
Creative ---							
Sport warm color	2 3 S	Exec	-	-	-		
Sport interview	2 3 S	Exec	-	-	-		
HI film	2 3 S	Exec	-	-	-		
HI film + skin	2 3 S	Exec	-	-	-		
LO Film	2 3 S	Exec	-	-	-		
LO film + skin	2 3 S	Exec	-	-	-		
Sepia film	2 3 S	Exec	-	-	-		
Matching ---							
LDK9x + LDK10	2 3 S	Exec	-	-	-		
DVW-xxx	2 3 S	Exec	-	-	-		
HL-xxx	2 3 S	Exec	-	-	-		
Standard settings	2 3 S	Exec	-	-	-		

### SECURITY Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
Installed Level	2 3 S	user0..user3	no owner	-	u3		Level 0 is most restrictive, level 3 do anything. Must have pin.
Run Hours >>			card or PIN				Seemed to work without owner card.
Days ago	2 3 S	0 ... 30	-	-	0		
Set Time >>							
Hour	2 3 S	0 ... 23	-	-	-		
Minute	2 3 S	0 ... 59	-	-	-		
Set Date >>							
Year	2 3 S	0 ... 99	-	-	-		
Month	2 3 S	1 ... 12	-	-	-		
Day	2 3 S	1 ... 31	-	-	0		
PIN code >>			no owner card/PIN		0		
Four digits	0 1 2 3 S	0000 ... 9999	-	-	0000		
Customer files >>			no owner card/PIN		-		
Stor cust Sen	0 1 2 3 S	Exec	-	-	-		
Stor cust. Op	0 1 2 3 S	Exec	-	-	-		
Stor cust Vtr	0 1 2 3 S	Exec	no DVCPRO	-	-		
Green Button >>			no owner card/PIN	-	-		
Standard	0 1 2 3 S	Factory/Customer	-	-	Factory	Cust.	Ensure that BBC "Customer" settings installed on reset
Scene file	0 1 2 3 S	On,Off	-	-	On		
Operator file	0 1 2 3 S	On,Off	-	-	On		
VTR file	0 1 2 3 S	On,Off	no DVCPRO	-	Off		Not yet implemented?

## DIAGNOSTICS Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
Communication >>			LDK 5600				
Base Station	2 3 S	Ok, NotOk	-	-	-		
OCP	2 3 S	Ok, NotOk	-	-	-		
MCP	2 3 S	Ok, NotOk	-	-	-		
Adaptor Type	2 3 S	Triax, DVCPRO, ..	-	-	-		Triax
Sensor Type	2 3 S	IT,ITW,FT,DPM	-	-	-		DPM
Sensor Voltage	2 3 S	Ok, NotOk	-	-	-		
Shutter Run	2 3 S	Run, Stop	-	-	-	Run	
Front Power	2 3 S	Ok, NotOk	-	-	-		
Green carrier	2 3 S	Ok, NotOk	-	-	-		"Y Carrier" in camera tested
Cam. 12nc	2 3 S	...	-	-	-		3391
Cam. Version	S	...	-	-	-		2.8
Cam. Status	2 3 S	...	-	-	-		F0
Cam. Boot ver.	2 3 S	...	-	-	-		4.1
Cam. FPGA ver.	2 3 S	...	-	-	-		1.6
Adapter 12nc	2 3 S	...	-	-	-		3435
Adapter Version	S	...	-	-	-		1.2
Adapter Status	2 3 S	...	-	-	-		3
PPG Status							9 - not in manual

## SERVICE Menu

Menu text	User level	Values	Blocked if	File	Default	BBC	Comment
Sawtooth	3 S	Off, On	-	-	Off		
Sawt Select	3 S	PrPr, Asic	-	-	PrPr		PrPb on camera tested
ViPr Test	S	Int/Ext	-	-	Int		
LPC	S	Off, On	-	-	On		
BPC	S	Off, On	-	-	On		
Chroma	0 1 2 3 S	Off, On	-	-	On		
Calibrations >>							Not on camera tested
Video ADC	S	Off, Run	-	-	Off		Not on camera tested
3200K	S	Off, Run	-	-	Off		Not on camera tested
3200K reset	S	Cust,Fact	-	-	Fact		Not on camera tested
Pulse comp	S	Off, Run	-	-	Run		Not on camera tested
Calib Params >>							Not on camera tested
Tol'nce 0.1%	S	1..25	-	-	3		Not on camera tested
Shutter phase	S	-30..+30	-	-	0		
Scaler >>							
Encoder	3 S	Off,On	-	-	Off		"On" on camera tested
SDI	3 S	Off,On	-	-	Off		
Encoder bars	3 S	Off,On	-	-	Off		
EPLD Test	S	Off,Sawt,Bars	-	-	Off		
Chroma	0 1 2 3 S	Off, On	-	-	On		

## MCP menu settings

Manual for mcp does not yet have settings for LDK 6000

### Operate Menu

Functions	Parameters	Factory File	BBC	Comments
Gain	R/G/B	50/50/50		
Black	R/G/B	50/50/50		
Knee	slope/point	60/50	90/ 46	
Contour	Level	50	26	for HD, 12 for SD
Gamma	Master	76		
Black Stretch	Master	99	60 ?	(with stretch/compress set to Press)
Colour Temp.	7 positions	3200 K		
Auto Black	On / Off	-		actually done continuously
Knee	Off / Auto / Var	Off	Var	Gives 1.5 stops head-room
Contour	Off / Var	Var	Off	(Off for film-look)
Gamma	Lin / 1 / 2 / Var	1	1	
Black Stretch	On / Off	Off	On	On for film look, Odd for video
Monitoring	11 Positions	Y		
Bars	Off/On	Off		
Exposure	9 positions	Nom		
Filter 1	A/B/C/D		A - clear	B=4p star, C=6p star, D=soft focus
Filter 2	1/2/3/4		1 - clear	2=1/4ND, 3=1/16ND, 4=1/64ND
Gain	- / 0 / + / ++	0		
Auto Iris	Off/On	Off		11 positions

### Setup Menu 1

Functions	Parameters	Factory File	BBC	Comments
Gain	R/G/B	50/50/50		Basic values for ordinary lens
Black	R/G/B	50/50/50		
Flare	R/G/B	10, 15, 25		
Gamma	R/Master/B	76, 76, 76		
Knee	slope/point		90, 46	
Knee Desat			50	
White Clip		80	102-104%	
Video Mode				
VM			1080i/50	
Flare	On/Off		On	
Gamma Sel	Lin / 1 / 2 / Var	1	1	Change actually needs to be made with links on pcb in base and camera head.
Knee	Off/On		On for film	
Knee Desat	Off/On		Off	Off is no use if you have a lens on the camera!!! 2 gives a steeper curve Gives 1.5 stops head-room
White Clip	Off/On		On	
Monitoring		Y		
Gamma	BBC04/05/06, ARD, 6xARD, CCIR, RAI		BBC05	
Knee Src			Y	
Sawtooth	Off/On	Off		
Auto Iris	Off/On	Off		

### Setup Menu 2

Functions	Parameters	Factory File	BBC	Comments
Contour	(Control Mode HDTV)			but is off
Level	0.99	50	26	
Soft Cont	0.99	70		
Coarse/fine	0.99	50	99	
V-level	0.99	25	29	
Noise Slicer	0.99	5	15	
Level Depend	0.99	40	54	
Contour	(Control Mode SD)			
Level	0.99	50	12	
Soft Cont	0.99	70		
Coarse/fine	0.99	50	99	These SD values are not recalled from scene file on set-up card. so must be entered manually
V-level	0.99	25	99	
Noise Slicer	0.99	5	06	
Level Depend	0.99	40	50	
Contour	Off/Var	Var	Var	(off for film-look)
Soft Cont	Off/On	Off		
Knee Cont	1.4/On/Off	Off		
Monitoring	11-positions	Y		
Contour Sel	Y,R,G,R+G	R+G		
Auto Iris	On / Off	Off		

### Setup Menu 3

Functions	Parameters	Factory File	BBC	Comments
Contour	0.99	50	26hd/12sd	(Control Mode HD/SD in Menu 2)
Soft Cont	0.99	70		but is off
Skin Level	Skin 1 and 2	50		but is off
Skin 1 Window	R/B	50/50		
Skin 1 Colour	R/B	50/50		
Skin 2 Window	R/B	50/50		
Skin 2 Colour	R/B	50/50		
Contour	Off/Var	Var	Var	(Off for film-look)
Soft Cont	Off/On	Off		
Skin Cont	Off / 1 / 2 / 1+2	Off		
Monitoring	11-positions	Y		
Contour Sel	Y,R,G,R+G	R+G		

### Setup Menu 4

Functions	Parameters	Factory File	BBC	Comments
Iris Peak/av'ge	0.99	65		but set to Off
Exposure Cont	-	50.6		
Lighting	0.99	0		
Notch Depth	0.99	99		
Saturation	0.99	50	40	
Exposure	9 positions	Nom	Var	
Notch	Off/On	On	Off	
Chroma	Off/On	On		
Monitoring	11-positions	Y		
Auto Iris	On / Off	Off		

### Setup Menu 5

Functions	Parameters	Factory File	BBC	Comments
Matrix				
G->R/B->R	G->R/B->R	- / -		
R->G/B->G	R->G/B->G	- / -		
R->B/G->B	R->B/G->B	- / -		
Gamma	R/Master/B	76/76/76		
Matrix select	EBU,RAI,BBC,B/W,skin,1:1,CFL,var1&2	skin	BBC	
Mat sequence	M/G - G/M	G/M	M/G	
Gamma	1 / 2 / Var / Lin	1	1	
Monitoring	11-positions	Y		
Gamma curve	BBC04/05/06, ARD, 6xARD, CCIR, RAI	ARD	BBC05	

### Maintenance Menu 1

Functions	Parameters	Factory File	BBC	Comments
White Shading				
H. Saw	R/G/B	50/50/50		
H. Par	R/G/B	0 / 0 / 0		
V. Saw	R/G/B	50/50/50		
V. Par	R/G/B	0 / 0 / 0		
Timing	HPh/Fine/Coarse	27/65/180		
White Shading	On / Off	On		
Cam. Disable	On / Off	Off		
Timing	On / Off	On		
Monitoring	11-positions	Y		
Intercom	Syst / Iso	Syst		
Audio	MCP/External	MCP		
Audio 1	-22 .. -64 dB in 6dB steps	-64 dB		
Audio 2	-22 .. -64 dB in 6dB steps	-64 dB		
Bars	On / Off	Off		
Cam Power	On / Off	On		

### Maintenance Menu 2

Functions	Parameters	Factory File	BBC	Comments
OCP Controls				
Var. Blk Str.	Yes / No	Yes		
Var Gamma	Yes / No	Yes		
Variable Flare	Yes / No	Yes		
Satuation	Yes / No	Yes		
White Clipper	Yes / No	Yes		
Knee slope	Yes / No	Yes		
Knee point	Yes / No	Yes		
Iris	Normal / Rev	Normal		
OCP lock	Total / Upper	Total		
System				
Black contrast	Stretch / Press	Stretch	Press ?	Stretch (0..99) is not the same as Press (50..99)

### Files

Transfer
View
Store
Recall
Execute

### Common

Functions	Parameters	Factory File	BBC	Comments
Gain	R/G/B	50/50/50		Duplicates Setup Menu 1
Black	R/G/B	50/50/50		Duplicates Setup Menu 1
Gamma	R/Master/B	76, 76, 76		Duplicates Setup Menu 1
Camera Select				
Bars	On / Off	Off		Duplicates Maintenance Menu 1
Matrix select	EBU,RAI,BBC,B/W,skin,1:1,CFL,var1&2	SKIN	BBC	Duplicates Setup Menu 5
Gamma Sel	Lin / 1 / 2 / Var	1	1	Duplicates Setup Menu 1
Asp. Ratio	Ext/MCP			? 4:3 appears to be the only option!

**Diagnose**

Triax	OK
Gen Lock	No Lock
Ref Available	No
Communication:	
Camera	Yes
Base Station	Yes
OCP	Yes
Lens Type	...
Software	407.3391 ST.F0
	407.3425 ST.22
	407.2597 ST.05

**Base Station menus**

accessed from wheel under left-hand cover.

**MAIN Menu**

Menu text	User	Comments
<Menu Off>	O I	
Video >>	O I	
Monitoring >>	O I	
Audio/Intercom >>	O I	
SDTV >>	O I	
System >>	O I	
Files >>	O I	
Diagnostics >>	O I	

**VIDEO Menu**

Menu text	User	Values	Default	Blocked if	File	Comments
Colour Bar >>						
Colour Bar	O I	On,Off	Off	-	-	-
White Bar Level	I	SMPTE, Full	SMPTE		System	
Ext. Black Clamp	O I	0..99	50		System	

**MONITORING Menu**

Menu text	User	Values	Default	Blocked if	File	Comments
Menu >>						
Display	O I	On,Time	Time	-	Operator	-
Menu Time	O I	5...99	10	-	Operator	
Statusbar >>						
Studio >>						
Studio	O I	On,Off	Off	-	Operator	-
Name	O I	[String]	---	-		-
Operator >>						
Operator	O I	On,Off	Off	-	Operator	-
Name	O I	[String]	---	-	-	-
Camera Number	O I	On,Off	Off	-	Operator	-

Other menu items listed in full in the base station users guide.