



**DTT Multiplex Line-up** Last Updated 16/4/07

Feel free to e-mail me with suggestions or if you spot a mistake!  
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 A wealth of information on DTT can be found on the DigitalSpy & Kafka's World Forums.


Type	<b>FREEVIEW</b>														
Position	<b>MULTIPLEX 1</b>														
Licensed to	<b>BBC</b>	1	BBC ONE ***	2	BBC TWO	80	BBC News 24	70	CBBC	7	BBC THREE	105	BBC i		Total Bandwidth Consumed by Radio Services
Modulation	<b>16 QAM</b>														
Resolution		Video: 720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		N/A		N/A			
Bandwidth	Total: 18100	Video: Upto 6000		10748		1160		192							
Video Data	MP@ML 4:2:0	Audio: 256		256		192		256		N/A		N/A			

Type	<b>UK DTT</b>																														
Position	<b>MULTIPLEX 2</b>																														
Licensed to	<b>DIGITAL 3&amp;4</b>	3	ITV1	6	ITV2	10	ITV3	75	CITV	30	ITV4	4	CHANNEL 4	13	More 4	14	E4	37	Film4+1		Teletext on ITV	104	Teletext on Four	100	Teletext	101	Teletext Holidays Wales only	102	Teletext Cars		Total Bandwidth Consumed by Radio Services
Modulation	<b>64 QAM</b>																														
Resolution		Video: 704x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		704x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		N/A		N/A		N/A		N/A		N/A			
Bandwidth	Total: 24100	Video: Upto 4600		6533		Upto 4500		6633		81		81		660		840		72		0											
Video Data	MP@ML 4:2:0	Audio: 192		192		192		192		192		192		192		192		192		N/A		N/A		N/A		N/A		N/A			

Type	<b>UK DTT</b>																											
Position	<b>MULTIPLEX A (ENG/NI)</b>																											
Licensed to	<b>SDN (ITV)</b>	5	Five	35	Five US	36	Five Life	88	Teachers Tv	34	Setanta Sports	16	QVC	15	ABC1	23	Bid tv	24	Price-drop tv		QVC Active	101	Teletext Holidays	107	Top Up Tv Active		Total Bandwidth Consumed by Radio Services	
Modulation	<b>64 QAM</b>																											
Resolution		Video: 720x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		N/A		N/A		N/A		N/A		
Bandwidth	Total: 24100	Video: Upto 4900		7068		Upto 3900		5996		240		840		*		1024												
Video Data	MP@ML 4:2:0	Audio: 256		128		192		128		192		192		192		192		192		N/A		32		32		N/A		

Type	<b>UK DTT</b>																											
Position	<b>MULTIPLEX A (Wales)</b>																											
Licensed to	<b>SDN (ITV)</b>	5	Five	35	Five US	36	Five Life	88	Teachers Tv	34	Setanta Sports	16	QVC	4	S4C	23	Bid tv	24	Price-drop tv		QVC Active	107	Top Up Tv Active		Total Bandwidth Consumed by Radio Services			
Modulation	<b>64 QAM</b>																											
Resolution		Video: 720x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		N/A		N/A		N/A		N/A		
Bandwidth	Total: 24100	Video: Upto 4900		7068		Upto 3900		5996		240		*		1024														
Video Data	MP@ML 4:2:0	Audio: 256		128		192		128		192		192		192		192		192		N/A		32		32		N/A		

Type	<b>UK DTT</b>																											
Position	<b>MULTIPLEX A (Scot)</b>																											
Licensed to	<b>SDN (ITV)</b>	5	Five	35	Five US	36	Five Life	88	Teachers Tv	34	Setanta Sports	16	QVC	15	ABC1	23	Bid tv	24	Price-drop tv		QVC Active	101	Teletext Holidays	107	Top Up Tv Active		Total Bandwidth Consumed by Radio Services	
Modulation	<b>64 QAM</b>																											
Resolution		Video: 720x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		N/A		N/A		N/A		N/A		
Bandwidth	Total: 24100	Video: Upto 4900		7068		Upto 3900		5996		240		840		*		1024												
Video Data	MP@ML 4:2:0	Audio: 256		128		192		128		192		192		192		192		192		N/A		32		32		N/A		

Type	<b>FREEVIEW</b>												
Position	<b>MULTIPLEX B</b>												
Licensed to	<b>BBC</b>	71	Cbeebies	302	302	303	303 /	85	PARLIAMENT	105	BBC i		Total Bandwidth Consumed by Radio Services
Modulation	<b>16 QAM</b>	10	BBC FOUR	301	301	Community	News Multiscreens						
Resolution		Video: 720x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		544x576 @ 25fps		N/A	
Bandwidth	Total: 18100	Video: Upto 3800		12430		1160		800					
Video Data	MP@ML 4:2:0	Audio: 256		256		128		128		128		N/A	

Type	<b>FREEVIEW</b>																									
Position	<b>MULTIPLEX C</b>																									
Licensed to	<b>National Grid Wireless</b>	82	Sky News	83	Sky Sports News	11	Sky Three	12	UKTV History	37	SmileTV	32	E4+1		Sky Text	106	Yooplay	304	Tv Tv EPG	106	GUIDE Plus+		Total Bandwidth Consumed by Radio Services			
Modulation	<b>16 QAM</b>																									
Resolution		Video: 720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		N/A		N/A		N/A		N/A		N/A		N/A		
Bandwidth	Total: 18100	Video: <		11630		5430		1040		320		*		*		192										
Video Data	MP@ML 4:2:0	Audio: 192		192		192		192		192		192		N/A		N/A		N/A		N/A		N/A		N/A		

Type	<b>FREEVIEW</b>																									
Position	<b>MULTIPLEX D</b>																									
Licensed to	<b>National Grid Wireless</b>	21	TMF	18	The Hits	19	UKTV BrightIdeas	22	Ideal Worlc	38	ITV2+1	31	Film4	300	4TV		The Hits Xtra		Total Bandwidth Consumed by Radio Services							
Modulation	<b>16 QAM</b>																									
Resolution		Video: 720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		720x576 @ 25fps		N/A		N/A		N/A		N/A		N/A		N/A		
Bandwidth	Total: 18100	Video: <		18100		*		1024																		
Video Data	MP@ML 4:2:0	Audio: 192		192		192		192		192		192		N/A		N/A		N/A		N/A		N/A		N/A		

All bandwidths are measured in kb/s  
 Channels shown in orange are subscription channels provided Top Up Tv & Setanta Sports.  
 Channels shown in red work on a PPV system using MHEG and PIN codes.  
 Where more than one channel is shown in a slot these channels work on a time share basis.  
 Channels working on a time share basis are shown in the order they are shown during the day.  
 The order and placement of these channels applies only to DTT transmission in the UK.  
 The SDN multiplex is split into three sections, the channels and their order is region dependant.  
 Slots shown in light blue are interactive services using MHEG.  
 In Wales S4C is on LCN 4 and Channel 4 is on LCN 8. In England More 4 is on LCN 13. Also Teletext Holidays is on mux 2 not A.  
 Mux 2 is licensed to Digital 3&4 which is 48.5% ITV, 48.5% Channel 4 and 3% Teletext.  
 \* To be confirmed  
 \*\*\* BBC 1 streams outside of England are statistically multiplexed.