



**NMTV.**  
NORGES MOBIL-TV AS

## Specifications DMB receivers

Updated 13.11.2009

In general and as a rule	EBUs DMB specification ETSI TS 102 428 V1.2.1 (2009-04)					
Frequency range	174-240MHz, Band III 1450 – 1490MHz Band L					
Codec support	DAB, MPEG 1 layer 1/2 DMB, MPEG-4, HE-AAC V2					
Video	H.264 Baseline Simple-profile 4:3, mandatory 16:9, mandatory (WDF 384x224)					
Raster	European, 7Mhz					
Manual change of country settings	English, Norwegian, Dutch and French language support and settings					
Frequency distance between channels	1,712 MHz					
Band width of each block	1,536 MHz					
Spectrum mask for each block	According to the Wiesbaden plan					
DAB DLS support	Mandatory					
Slideshow, simple profile	Mandatory					
Ability to second simultaneous data channel	Mandatory					
Receiver off air performance	46 db microvolts per meter					
Charger	220V, Norwegian socket					
Character encoding	UTF-8 (must support Norwegian characters)					
Ensemble IDs	F702 and F703 (Norway)					
Center frequencies for blocks	N5A	174.928 MHz	//1	N10A	209.936 MHz	//21
	N5B	176.640 MHz	//2	N10B	211.648 MHz	//22
	N5C	178.352 MHz	//3	N10C	213.360 MHz	//23
	N5D	180.064 MHz	//4	N10D	215.072 MHz	//24
				N10N	210.096 MHz	//25
	N6A	181.936 MHz	//5	N11A	216.928 MHz	//26
	N6B	183.648 MHz	//6	N11B	218.640 MHz	//27
	N6C	185.360 MHz	//7	N11C	220.352 MHz	//28
	N6D	187.072 MHz	//8	N11D	222.064 MHz	//29
				N11N	217.088 MHz	//30
	N7A	188.928 MHz	//9	N12A	223.936 MHz	//31
	N7B	190.640 MHz	//10	N12B	225.648 MHz	//32
	N7C	192.352 MHz	//11	N12C	227.360 MHz	//33
	N7D	194.064 MHz	//12	N12D	229.072 MHz	//34
				N12N	224.096 MHz	//35
	N8A	195.936 MHz	//13	N13A	230.784 MHz	//36
	N8B	197.648 MHz	//14	N13B	232.496 MHz	//37
	N8C	199.360 MHz	//15	N13C	234.208 MHz	//38
	N8D	201.072 MHz	//16	N13D	235.776 MHz	//39
				N13E	237.488 MHz	//40
	N9A	202.928 MHz	//17	N13F	239.200 MHz	//41
	N9B	204.640 MHz	//18			
	N9C	206.352 MHz	//19			
	N9D	208.064 MHz	//20			

