

MP3/WMA/AAC features

			DXZ788RUSB, DXZ588RUSB, DXZ388RUSB, DXZ389RUSB, DXZ389RGUSB, DUZ388RMP						DB288RUSB				DB188RMP', DB189RMP', DB189RGMP		FB289RBT, FB288RBT	MAX983HD				VRX888RBT, MAX688RBT				VRX588RUSB, VRX388RUSB														
			CD			USB			CD		USB		CD		SD	CD/DVD		SD		CD/DVD		USB			CD/DVD		USB											
			WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	WMA	MP3	WMA	MP3	MP3	WMA	MP3	WMA	MP3	WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	WMA	MP3	AAC								
FILE SYSTEM	ISO9660	LEVEL1		●						●				●			●			●					●													
		LEVEL2		●						●				●			●			●					●													
		LEVEL3																																				
	ISO9660 EXTENSION	JOE1																																				
		PLAY FILENAME		64 bytes						32 bytes						32 bytes						64 bytes						32 bytes										
OTHERS	R0MEO	PLAY FILENAME		64 bytes						32 bytes						32 bytes						64 bytes																
FAT	FAT12					●					●				●								●						●									
	FAT16					●					●				●				●				●					●										
	FAT32					●					●												●					●										
FILE DESCRIPTOR	.mp3/.MP3			●						●			●		●		●			●				●			●		●									
	.Mp3/.Mp3						●			●			●		●		●			●				●			●											
	.wma		●							●			●			●		●		●		●			●		●											
	.WMA					●				●						●				●			●			●												
	.mp															●				●				●														
MPEG FORMAT	.AAC/ignore case																											●										
	.m4a			●				●														●						●										
MPEG1	MPEG1			●			●			●			●			●			●			●			●		●											
	MPEG2			●			●			●			●			●			●			●			●		●											
	MPEG2.5			●			●			●			●			●			●			●			●		●											
SAMPLING FREQUENCY	MPEG1			32, 44.1, 48 (kHz)				32, 44.1, 48 (kHz)				32, 44.1, 48 (kHz)				32, 44.1, 48 (kHz)				32, 44.1, 48 (kHz)				32, 44.1, 48 (kHz)				8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 (kHz)				32, 44.1, 48 (kHz)						
	MPEG2			16, 22.05, 24 (kHz)				16, 22.05, 24 (kHz)				16, 22.05, 24 (kHz)				16, 22.05, 24 (kHz)				16, 22.05, 24 (kHz)				16, 22.05, 24 (kHz)				48, 44.1, 32 (kHz)				16, 22.05, 24 (kHz)						
	MPEG2.5			8, 11.025, 12 (kHz)				8, 11.025, 12 (kHz)				8, 11.025, 12 (kHz)				8, 11.025, 12 (kHz)				8, 11.025, 12 (kHz)				8, 11.025, 12 (kHz)				8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 (kHz)				8, 12 (kHz)						
	WMA			Fs= 22.05, 32, 44.1, 48 (kHz) (WMA V2/V7/V9) Fs=44.1 (kHz) (WMA V9L1)				Fs= 22.05, 32, 44.1, 48 (kHz) (WMA V2/V7/V9) Fs=44.1 (kHz) (WMA V9L1)				22.05, 32, 44.1, 48 (kHz)				22.05, 32, 44.1, 48 (kHz)				32, 44.1, 48 (kHz)				8-48 (kHz)				32, 44.1, 48 (kHz)				22.05 /32, 44.1 /48 (kHz)				8-44.1 (kHz)		
	AAC			8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 (kHz)				8, 11.025, 12, 16, 22.05, 24, 32, 44.1 (kHz)												11,025-48 (kHz)				44.1, 48 (kHz)								7.9K-64K						
BITRATE	MPEG1			32 ~ 320 (kbps)				32 ~ 320 (kbps)				32 ~ 320 (kbps)				32 ~ 320 (Kbps)				32 ~ 320 (kbps)				32 ~ 320 (kbps)				8 ~ 320 (kbps)				32 ~ 320 (kbps)						
	MPEG2			8 ~ 160 (kbps)				8 ~ 160 (kbps)				8 ~ 160 (kbps)				8 ~ 160 (kbps)				8 ~ 160 (kbps)				8 ~ 160 (kbps)				64 ~ 912 (kbps)				8 ~ 160 (kbps)						
	MPEG2.5			8 ~ 160 (kbps)				8 ~ 160 (kbps)				8 ~ 64 (kbps)				8 ~ 64 (kbps)				8 ~ 160 (kbps)				8 ~ 160 (kbps)				8 ~ 320 (kbps)				8 ~ 160 (kbps)						
	WMA			32, 36, 40, 44, 48, 64, 128, 160, 192 (kbps) (WMA V2/V7/V9) 64, 80, 96, 128, 160 (kbps) (WMA V9L1)				32, 36, 40, 44, 48, 64, 128, 160, 192 (kbps) (WMA V2/V7/V9) 64, 80, 96, 128, 160 (kbps) (WMA V9L1)				16, 20, 32, 36, 40, 44, 48, 64, 80, 96, 128, 160, 192 (kbps)				16, 20, 32, 36, 40, 44, 48, 64, 80, 96, 128, 160, 192 (kbps)				22,05 ~ 192 (kbps)				22,05 ~ 192 (kbps)				5 ~ 320 (kbps)				32 ~ 192 (kbps)				48, 64, 80, 96, 128, 160, 192 (kbps)		
	AAC			8-320 (kbps) (stream genera-ted with iTunes Ver. 4.7.1-1.30 (M4A))				8-320 (kbps) (stream genera-ted with iTunes Ver. 4.7.1-1.30 (M4A))																8 ~ 320 (kbps)				16 ~ 320 (kbps)				8 ~ 320 (kbps) (iTunes ver5)						
OTHERS	DIRECTORY DEPTH		MAX 8			MAX 8			MAX 256		MAX 8		MAX 256		MAX 8		MAX 8		MAX 8		MAX 8		MAX 8			MAX 8		MAX 8			MAX 8							
	FILE NAME LENGTH		64 bytes			64 bytes			32 bytes		64 bytes		32 bytes		30 chars		64 bytes		60 bytes 30 bytes		64 bytes		64 bytes			23 bytes			32 bytes									
	TOTAL FILE NUMBER		512,510			130,560			999		65,535		999		255		512		512		999		130,560			3,000			12,000									
	TOTAL FOLDER NUMBER		255			512			256		256		256		255		255		255		255		512			255			255									
	FILE NUMBER PER FOLDER		255			255			999		999		999		255		512		99		255		255			255			3,000			12,000						
	ID3 TAG	ver.1.x		●			●				●			●			●			●				●														
		ver.2.x		●			●				●			●			●			●				●														
		TITLE		●			●				●			●			●			●				●				V2.3										
		ARTIST		●			●				●			●			●			●				●				●										
		ALBUM		●			●				●			●			●			●				●				●										
	WMA TAG	TITLE		●			●				●			●			●			●				●														
		ARTIST		●			●				●			●			●			●				●														
		ALBUM		●			●				●			●			●			●				●														
	VBR			●			●				●													●					●	Support for VBR highest quality (240-355kbps)								
	CODEC			Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not supported		Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA 9.2 Lossless voice: Not supported		Support for WMA7, WMA8, WMA9, WMA9.1, WMA 9.2 Lossless voice: Not supported																Support for WMA7, WMA8, WMA9, WMA9.1 Lossless voice: supported	iTunes and Winamp										

* When a USB memory device is composed of two or more drives, only one of the drives will be detected.

* USB memory devices with security functions cannot be played.

* Please see the Clarion website for iPod models that can be connected.

* Playback is not possible with some USB devices depending on their type and configuration.