

MP3/WMA/AAC features

FILE SYSTEM	ISO9660	LEVEL1 LEVEL2 LEVEL3	DXZ788RUSB,DXZ588RUSB, DXZ388RUSB,DUZ388RMP			DB288RUSB			DB188RMP			FB289RBT, FB288RBT			MAX983HD			VRX888RBT, MAX688RBT			VRX588RUSB, VRX388RUSB					
			CD			USB			CD			SD			CD/DVD			SD			CD/DVD			USB		
			WMA	MP3	AAC	WMA	MP3	AAC	WMA	MP3	WMA	MP3	WMA	MP3	MP3	WMA	MP3	WMA	MP3	WMA	MP3	WMA	MP3	WMA	MP3	AAC
FILE SYSTEM	ISO9660	LEVEL1	●			●			●			●			●			●			●			●		
		LEVEL2	●			●			●			●			●			●			●			●		
FILE SYSTEM	EXTENSION	PLAY	●			●			●			●			●			●			●			●		
		FILENAME	64 bytes			32 bytes			32 bytes			32 bytes			32 bytes			64 bytes			32 bytes			64 bytes		
FILE SYSTEM	OTHERS	PLAY	●			●			●			●			●			●			●			●		
		FILENAME	64 bytes			32 bytes			32 bytes			32 bytes			64 bytes			64 bytes			32 bytes			64 bytes		
FILE SYSTEM	FAT	FAT12		●			●			●			●			●			●			●			●	
		FAT16		●			●			●			●			●			●			●			●	
		FAT32		●			●			●			●			●			●			●			●	
FILE SYSTEM	DESCRIPTOR	.mp3/.MP3	●			●			●			●			●			●			●			●		
		.mp3/.Mp3	●			●			●			●			●			●			●			●		
		.wma	●			●			●			●			●			●			●			●		
		.aac	●			●			●			●			●			●			●			●		
MPEG	FORMAT	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)			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)			16, 22.05, 24 (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 (kHz)			8, 11.025, 12 (kHz)		
		WMA	F _s =22.05, 32, 44.1, 48 (kHz) (WMA V2/V7/V8) F _s =44.1 (kHz) (WMA V9L1)			F _s =22.05, 32, 44.1, 48 (kHz) (WMA V2/V7/V8) F _s =44.1 (kHz) (WMA V9L1)			22.05, 32, 44.1, 48 (kHz)			22.05, 32, 44.1, 48 (kHz)			22.05, 32, 44.1, 48 (kHz)			8-48 (kHz)			22.05, 32, 44.1, 48 (kHz)			8-44.1 (kHz)		
SAMPLING	FREQUENCY	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)			8, 11.025, 12, 16, 22.05, 24, 32, 44.1 (kHz)			11.025, 12, 16, 22.05, 24 (kHz)			8, 11.025, 12 (kHz)			11.025, 12, 16, 22.05, 24 (kHz)			44.1, 48 (kHz)		7.3K-64K			
		WMA	32, 36, 40, 44, 48, 54, 128, 192 (kbps) (WMA V2/V7/V8) 64, 80, 96, 128, 160 (kbps) (WMA V9L1)			32, 36, 40, 44, 48, 54, 128, 192 (kbps) (WMA V2/V7/V8) 64, 80, 96, 128, 160 (kbps) (WMA V9L1)			16, 20, 32, 36, 40, 44, 48, 54, 80, 96, 128, 160, 192 (kbps)			16, 20, 32, 36, 40, 44, 48, 54, 80, 96, 128, 160, 192 (kbps)			22.05 - 192 (kbps)			22.05 - 192 (kbps)			5 - 320 (kbps)			32 - 192 (kbps)		
BITRATE	MPEG1	MPEG1	32-320 (kbps)			32-320 (kbps)			32-320 (kbps)			32-320 (kbps)			32-320 (kbps)			32-320 (kbps)			32-320 (kbps)			32-320 (kbps)		
		MPEG2	8-160 (kbps)			8-160 (kbps)			8-160 (kbps)			8-160 (kbps)			8-160 (kbps)			8-160 (kbps)			8-160 (kbps)			8-160 (kbps)		
		MPEG2.5	8-160 (kbps)			8-160 (kbps)			8-64 (kbps)			8-64 (kbps)			8-64 (kbps)			8-160 (kbps)			8-160 (kbps)			8-160 (kbps)		
BITRATE	WMA	MPEG1	32, 36, 40, 44, 48, 54, 128, 192 (kbps) (WMA V2/V7/V8) 64, 80, 96, 128, 160 (kbps) (WMA V9L1)			32, 36, 40, 44, 48, 54, 128, 192 (kbps) (WMA V2/V7/V8) 64, 80, 96, 128, 160 (kbps) (WMA V9L1)			16, 20, 32, 36, 40, 44, 48, 54, 80, 96, 128, 160, 192 (kbps)			16, 20, 32, 36, 40, 44, 48, 54, 80, 96, 128, 160, 192 (kbps)			22.05 - 192 (kbps)			22.05 - 192 (kbps)			5 - 320 (kbps)			32 - 192 (kbps)		
		AAC	8-320 (kbps) (stream generated with iTunes Ver. 4.7.1.30 (M4A))			8-320 (kbps) (stream generated with iTunes Ver. 4.7.1.30 (M4A))			8-320 (kbps)			8-320 (kbps)			8-320 (kbps)			8-320 (kbps)			8-320 (kbps)			8-320 (kbps)		
OTHERS	DIRECTORY DEPTH	DIRECTORY DEPTH	MAX 8			MAX 8			MAX 256			MAX 8			MAX 8			MAX 8			MAX 8			MAX 8		
		FILE NAME LENGTH	64 bytes			64 bytes			32 bytes			64 bytes			60 bytes			30 bytes			64 bytes			23 bytes		32 bytes
		TOTAL FILE NUMBER	512,510			130,560			999			65,535			999			255			512			130,560		12,000
		TOTAL FOLDER NUMBER	255			512			256			255			255			255			255			255		255
OTHERS	FILE NAME PER FOLDER	FILE NAME PER FOLDER	255			255			999			999			255			99			255			3,000		12,000
		ver.1.x	●			●			●			●			●			●			●			●		
		ver.2.x	●			●			●			●			●			●			●			●		
		TITLE	●			●			●			●			●			●			●			●		
ID3 TAG	ARTIST	ARTIST	●			●			●			●			●			●			●			●		
		ALBUM	●			●			●			●			●			●			●			●		
		TITLE	●			●			●			●			●			●			●			●		
WMA TAG	ARTIST	ARTIST	●			●			●			●			●			●			●			●		
		ALBUM	●			●			●			●			●			●			●			●		
		TITLE	●			●			●			●			●			●			●			●		
OTHERS	VBR	VBR	●			●			●			●			●			●			●			●		
		CODEC	Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported			Support for WMA7, WMA8, WMA9, WMA9.1, WMA9.2, Lossless voice: Not supported		

- * 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.

Multimedia stations - Specifications

	MAX983HD	MAX688RBT	VRX888RBT	VRX588RUSB	VRX388RUSB
MONITOR SECTION					
Screen size (W x H), mm	154.0 x 87.0 (7 inch)	155.4 x 81.6 (7 inch)	152.0 x 85.0 (7 inch)	154.0 x 87.0 (7 inch)	77.0 x 43.0 (3.5 inch)
Aspect ratio	-	-	-	16:9	16:9
Display type	Transmission-type TN liquid crystal display	Transmission-type TN liquid crystal display	Transmission-type TN liquid crystal display	Transmission-type TN liquid crystal display	Transmission-type TN liquid crystal display
Drive principle	TFT (Thin Transistor) active matrix display	TFT (thin-film transistor) active matrix display	TFT (thin-film transistor) active matrix display	TFT (thin-film transistor) active matrix display	TFT (thin-film transistor) active matrix display
Number of pixels	336,960	336,960	336,960	336,960	336,960
RCA video input	1.0±0.2 Vp-p (input impedance 75Ω)	1.0±0.2 Vp-p (input impedance 75Ω)	1.0±0.2 Vp-p (input impedance 75Ω)	1.0±0.2 Vp-p (input impedance 75Ω)	1.0±0.2 Vp-p (input impedance 75Ω)
RCA audio input	130±60 mVrms (input impedance 10kΩ or more)	130±60 mVrms (input impedance 10kΩ or greater)	130±60 Vrms (input impedance 10kΩ or greater)	130±60 Vrms (input impedance 10kΩ or greater)	130±60 Vrms (input impedance 10kΩ or greater)
TUNER SECTION					
Frequency bands					
FM: (MHz) 0.05 MHz steps	87.5 to 108	87.5 to 108	87.5 to 108	87.5 to 108	87.5 to 108
MW: (kHz) 9 kHz steps	531 to 1,602	531 to 1,602	531 to 1,602	531 to 1,602	531 to 1,602
LW: (kHz) 3 kHz steps	153 to 279	153 to 279	153 to 279	153 to 279	153 to 279
DVD SECTION					
Useable discs	DVD video / DVD±R/RW	DVD video / DVD±R / RW	DVD video / DVD±R / RW	DVD video / DVD±R / RW	DVD video / DVD±R / RW
Frequency response (Hz)	20 to 20,000 (48 kHz) (+1 dB, -2 dB) @ speaker	20 to 20,000 (48 kHz) (+1 dB, -1 dB)	20 to 20,000 (48 kHz) (+1 dB, -1 dB)	20 to 20,000 (48 kHz) (0 dB, -3 dB)	20 to 20,000 (48 kHz) (0 dB, -3 dB)
Video frequency response	-	-	-	0.5 to 4 MHz (0 dB, -3 dB)	0.5 to 4 MHz (0 dB, -3 dB)
Video output level	-	-	-	1.0 Vp-p (75 Ω)	1.0 Vp-p (75 Ω)
Region code	2	2	2	2	2
Distortion (%)	0.05 @ speaker	0.006	0.01	0.1 @ speaker	0.1 @ speaker
CD SECTION					
Wow/Flutter (WRMS)	Below measurable limit	Below measurable limit	Below measurable limit	Below measurable limit	Below measurable limit
S/N ratio (dB) 1 kHz	80 @ speaker	100	100	70 @ speaker	70 @ speaker
Frequency response (Hz)	20 to 20,000 (+1 dB, -2 dB) @ speaker	20 to 20,000 (+1 dB, -1 dB)	20 to 20,000 (+1 dB, -1 dB)	20 to 20,000 (0 dB, -3 dB)	20 to 20,000 (0 dB, -3 dB)
Dynamic range (dB) 1 kHz	80 @ speaker	100	100	70 @ speaker	70 @ speaker
Harmonic distortion (%)	0.05 @ speaker	0.006	0.01	0.1 @ speaker	0.1 @ speaker
AUDIO SECTION					
Power output (DIN45324, +B = 14.4 V)	4 x 31 W	4 x 20 W	4 x 25 W	4 x 27 W	4 x 27 W
GENERAL					
Dimensions (W x H x D), mm	178 x 100 x 162	178 x 100 x 160	178 x 50 x 165	178 x 50 x 160	178 x 50 x 160
Weight (kg)	3.0	2.7	2.4	2.4	1.9
Power consumption	4.3 A (at 1 W)	4.0 A (at 1 W)	4.0 A (at 1W)	4.0 A (at 1W)	4.0 A (at 1W)
Power requirement	14.4 V DC (10.8 ~ 15.6 V)	14.4 V DC (10.8 ~ 15.6 V)	14.4 V DC (10.8 ~ 15.6 V)	14.4 V DC (10.8 ~ 15.6 V)	14.4 V DC (10.8 ~ 15.6 V)
Speaker impedance	4 Ω (4 Ω to 8 Ω allowable)	4 Ω (4 Ω to 8 Ω allowable)	4 Ω (4 Ω to 8 Ω allowable)	4 Ω (4 Ω to 8 Ω allowable)	4 Ω (4 Ω to 8 Ω allowable)