

Appendix

Media compatibility chart

General

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File system	ISO9660 level 1, ISO9660 level 2, Romeo and Joliet		ISO9660 level 1, ISO9660 level 2, Romeo, Joliet and UDF 1.02	FAT16/FAT32	
Maximum number of folders	99	255		FAT32 : No limit. FAT16: 512 (including files)	
Maximum number of files	999		3 500	FAT32 : No limit. FAT16: 512 (including folders)	
Playable file types	MP3, WMA, AAC, WAV	MP3, WMA, AAC, DivX		MP3, WMA, AAC, WAV, AVI, MPEG-4	

MP3 compatibility

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File extension	.mp3				
Bit rate	8 kbps to 320 kbps (CBR), VBR				
Sampling frequency	16 kHz to 48 kHz (32 kHz, 44.1 kHz, 48 kHz for emphasis)			16 kHz to 48 kHz	
ID3 tag	ID3 Tag Ver. 1.0, 1.1, 2.2, 2.3			ID3 Tag Ver. 1.0, 1.1, 2.3	
Notes:					
<ul style="list-style-type: none"> • Ver. 2.x of ID3 Tag is given priority when both Ver. 1.x and Ver. 2.x exist. • There is no compatibility with the followings; • MP3i (MP3 interactive), mp3 PRO, m3u playlist 					

WMA compatibility

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File extension	.wma				
Bit rate	48 kbps to 320 kbps (CBR), VBR	5 kbps to 320 kbps (CBR), VBR		Ver. 9: 5 kbps to 320 kbps (CBR), VBR Ver. 7 or 8: 128 kbps to 192 kbps (CBR), VBR	
Sampling frequency	32 kHz to 48 kHz	8 kHz to 48 kHz			
Notes:					
<ul style="list-style-type: none"> • There is no compatibility with the followings; Windows Media Audio 9 Professional, Lossless, Voice 					

Appendix

WAV compatibility

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File extension	.wav			.wav	
Format	Linear PCM (LPCM), MS ADPCM			Linear PCM (LPCM), IMA-ADPCM	
Sampling frequency	LPCM: 16 kHz to 48 kHz MS ADPCM: 22.05 kHz and 44.1 kHz	AVIC-F900BT cannot play WAV files on the built-in DVD drive.		LPCM: 16 kHz to 48 kHz IMA-ADPCM: 22.05 kHz and 44.1 kHz	
Quantization bits	LPCM: 8 bits and 16 bits MS ADPCM: 4 bits			LPCM: 8 bits and 16 bits IMA-ADPCM: 3 bits and 4 bits	
Notes:					
<ul style="list-style-type: none"> The sampling frequency shown in the display may be rounded 					

AAC compatibility

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File extension	.m4a				
Bit rate	16 kbps to 320 kbps (CBR)			8 kbps to 320 kbps (CBR)	
Sampling frequency	11 kHz to 44.1 kHz	8 kHz to 44.1 kHz			
Notes:					
<ul style="list-style-type: none"> The navigation system plays back AAC files encoded by iTunes®. There is no compatibility with the followings; Apple Lossless, files encoded with VBR 					

DivX compatibility

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File extension			.avi/.divx	DivX files on the external storage device (USB, SD) cannot be played.	
Profile (DivX version)			Home Theater Ver. 3.11/Ver. 4.x/Ver. 5.x		
Compatible audio codec			MP3, Dolby Digital		
Bit rate (MP3)	AVIC-F700BT cannot play DivX files.		8 kbps to 320 kbps (CBR), VBR		
Sampling frequency (MP3)			16 kHz to 48 kHz (32 kHz, 44.1 kHz, 48 kHz for emphasis)		
Maximum image size			720 × 576 pixels.		
Maximum file size			4 GB		

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Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
Notes: <ul style="list-style-type: none"> • There is no compatibility with the followings; • DivX Ultra format, DivX files without video data, DivX files encoded with LPCM (Linear PCM) audio codec • Depending on the file information composition such as the number of audio streams, there may be a slight delay in the start of playback on discs. • If a file contains more than 4 GB, playback is stopped halfway. • Some special operations may be prohibited because of the composition of DivX files. • Files with high transfer rates may not be played back correctly. The standard transfer rate is 4 Mbps for CDs and 10.08 Mbps for DVDs. 					

AVI compatibility

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File extension	AVI files cannot be played on the built-in drive.			.avi	
Compatible video codec				MPEG-4	
Compatible audio codec				ADPCM	
Recommended video specifications				Image size: VGA (640 x 480) Bit rate: 480 kbps Frame rate: 24 fps	

MPEG-4 compatibility

Media	CD-R/-RW AVIC-F700BT	CD-R/-RW AVIC-F900BT	DVD-R/-RW/- R DL AVIC-F900BT	USB storage device (All models)	SD memory card (All models)
File extension	MPEG-4 files cannot be played on the built-in drive.			.mp4	
Compatible video codec				MPEG-4	
Compatible audio codec				AAC	
Recommended video specifications				Image size: VGA (640 x 480) Bit rate: 480 kbps Frame rate: 24 fps	