

B

SERIES

B20.

iriver

- Product Main Concept : Enhanced Digital Radio + TV Multimedia Player
- Product Sales Argument
 - Enhanced DAB/DMB Broadcasts terminal with vivid color LCD.
 - Ultimate multimedia player/recorder
 - Versatile applications embedded (PC-DMB Player, Flash, Podcasts/Audible Support)

Launching - May, 2007

Model variation

B20 1GB/2GB/4GB*1

Color variation

White/Black



- Easy access with intuitive Direct Click interface
- 2.4" QVGA TFT LCD(260,000Color)
- High-sensitivity External Antenna
- Supports Mini-SD Card Slot
- Plays up to 27 hours(Music)*2, 5 hours(Video)*3
- Supports music file such as MP3, WMA and OGG Q10
- Displays album information of the song currently playing
- Dynamic Labeling System/Slideshow/Electronic Program Guide (if service offered)
- DMB/DAB recording
- FM radio and FM recording reservation
- Voice recording / Text Viewer
- Photo album + Slide show*4
- Movie player*5 / FLASH*6 player + Game
- UCI (User Create Interface) Function
- Alarm with real-time clock
- PodCasting*7 and Audiobook*8 Support
- USB 2.0, Ultra fast data transfer
- Firmware Upgradeable
- MSC/MTP conversion support



White



Black

*1 1GB=1,000MB = 1,000,000,000Byte. Not all memory space available for file storage.

*2 Music based on MP3 format, 128kbps, 44.1kHz, Volume 20, EQ Normal and LCD off

*3 Video based on AVI format, 320x240 @15fps, Video(384kbps), Audio(128kbps, 44.1kHz)

*4 The Progressive JPG is not supported.

*5 MPEG4 simple profile QVGA (30fps) and WMV9 SP

*6 Macromedia Flash Lite 2.1

*7 PodCasting supports MSC mode only.

*8 Audiobook service via audible.com supports MTP mode only.

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Detailed specification

Series		iriver B Series
Product		B20
Models in the B20		B20 1GB/2GB/4GB (Black/White)
General	Continuous Playback Time	Audio: Approx. 27 hours (MP3, 128kbps, EQ Normal, Vol 20, Display Off) Video: Approx. 5 hours (AVI, 320x240@15fps, Video 384kbps, Audio 128kbps/44.1kHz) DAB : Approx 7.5 hours(Vol 20, Display Off) / DMB: Approx 4 hours(Vol 20, Display On)
	Connection Type	USB 2.0
	Equalizer	7 EQ, User EQ and SRS WOW HD
	Dimensions	Approx. 80.9 x 49.5 x 16.3 (mm)
	Weight	Approx.73.8g
	Operational Temperature	-5°C ~ 40°C
	Recording	Voice,FM,DAB/DMB
Display	Main Set Display	2.4" TFT LCD (262K Color, 320x240)
Power Supply	AC Adaptor	DC 5V/1A (optional)
	Battery	Internal Li-poly rechargeable battery
Audio	Frequency Range	20Hz~20kHz
	Output Power	Headphone : 17mW(R) + 17mW(L) (16 Ohm) at Max. Volume Speaker : 245mW(8 Ohm) at Max. Volume
	S/N Ratio	90dB : A weighted
	No. Channels	Stereo (L+R)
FM Tuner	Frequency Range	79.5MHz ~ 108MHz (from 76MHz for Japan Band)
	S/N Ratio	60dB : a weighted
	Antenna	Headphone / Earphone-Cord Antenna
Audio Support	Audio File Type	MPEG 1/2/2.5 Layer 3, WMA, OGG
	Bit Rate	MP3, WMA : 8Kbps ~ 320Kbps / OGG : Up to Q10
	Tag	ID3 V1 Tag, ID3 V2 2.0, ID3 V2 3.0, ID3 V2 4.0
Multimedia Support	File Type	WMV9 SP, MPEG-4 SP, Macromedia Flash Lite 2.1, TXT, JPEG *1
DAB/DMB	Frequency Range	Europe : Band3(174.9MHz~239.2MHz) + L band(1452.960MHz~1478.640MHz) China : Band3(168.160MHz~221.568MHz), Korea : Band3(175.280MHz~214.736MHz)
	Antenna	External Antenna
O/S	Windows requirement	MSC mode: Windows 2000/XP or higher MTP mode*2: Windows XP with SP2 or higher

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*1 Progressive JPEG is supported by future firmware upgrade / *2 MTP mode is supported by future firmware upgrade