Olympus DM-20 Professional Digital Recorder

Conduct your business and then relax to your favorite music with the sophisticated and portable DM20. Crystal clear dictation and soothing stereo sound are never at a premium due to 128MB of built-in memory. Multiple storage folders and the included USB docking station will have you working more efficiently than ever before. And thanks to a remote control and a stunningly stylish and compact design, your audio and music needs can be met anywhere you decide. **Nothing's impossible.**

- An excellent choice for recording meetings and interviews. (Record and Stop functions)

- Non-removable media with generous 128MB capacity.

Record in CD-Quality, Stereo (4hrs) or Mono for up to 8 hours!

- **Toll-Free Tech Support Included**

Also records in Standard Play (22 hrs), and Long Play up to 44 hours!

Transcribe Olympus files with the Start Stop Universal System

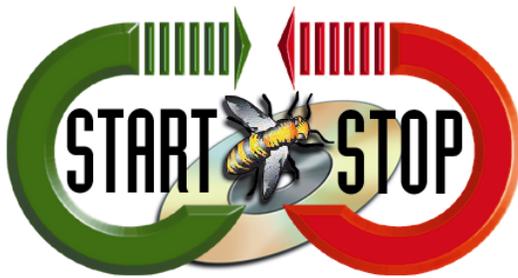*www.startstop.com/sst2.asp*

FEATURES AND BENEFITS

Includes	Includes DM20 Digital Recorder with 128 MB built in memory, a USB download cradle, external remote control microphone, high quality stereo headphones, two "AA" Alkaline Batteries, User Manual, leather case, Olympus DSS Software (for Windows & Mac), 1 year warranty and free UPS Ground Shipping.
Recording Capacity	• Record in CD-Quality, Stereo (4hrs) or Mono for up to 8 hours • Standard Play (SP) up to 22 hrs, and Long Play Modes up to 44 hours)
Benefits	• Clean, crisp recordings • Voice activated mode AC adapter available for long recordings • Automatically transfers audio files when connected to PC • The ultimate choice for recording events, meetings, and conferences

HTH ENGINEERING, INC.

825 Cypress Trails Dr.
Tarpon Springs, FL 34688
Web site: http://www.startstop.com
E-mail: webmaster@startstop.com
Call 866-254-0714 (toll free)
Fax 810-821-6940

Olympus DM-20
Professional Digital Recorder

TECHNICAL SPECIFICATIONS

Recording Format	DSS (Digital Speech Standard)/WMA (Windows Media Audio)
Recording Media	128MB integrated flash memory.
Recording Time	SHQ mode: 4 hours 20 minutes HQ mode: 8 hours 45 minutes SP mode: 20 hours 55 minutes LP mode: 44 hours 45 minutes
Card Format	n/a
Input Level	–70 dBv
PC Interface	USB
LCD	Large backlit full dot display
LED	n/a
Folders Messages	5 folders
Sampling Frequency	SHQ mode: 44.1 kHz HQ mode: 44.1 kHz SP mode: 12 kHz LP mode: 8 kHz
Overall Frequency Response	SHQ mode: 300 to 8,000 Hz HQ mode: 300 to 7,000 Hz SP mode: 300 to 5,000 Hz LP mode: 300 to 3,000 Hz
LP Mode	yes
Voice Activation	yes
Speaker	Built-in ø23 mm round dynamic speaker.
Microphone Jack	ø3.5 mm mini-jack, impedance MIC 2 kW , EAR 8W or more
Earphone Jack	ø3.5 mm mini-jack, impedance MIC 2 kW , EAR 8W or more
Power Supply	Rated Voltage: 3V DC Batteries: Two AAA External Power Supply: AC Adapter
Batteries	Two AAA Alkaline batteries (LR03 or R03) or Two AAA Ni-MH batteries
External Power Supply	AC adapter
Battery Life	Voice Recording: Alkaline Recording: Approx. 16 hours Playback: Approx. 9 hours (based on our standard testing procedure) Voice Recording: NiMH Recording: Approx. 12 hours Playback: Approx. 8 hours (based on our standard testing procedure) Music Player: Alkaline (Approx. 10 hours) NiMH (Approx. 8 hours - based on our standard testing procedure)
Size	109.5 x 39.5 x 15 mm (without protrusions)
Weight	85g (including batteries)

OS Supported	Windows: Windows 98, 98SE, ME, 2000 Professional, XP Professional, Home Edition Mac: Mac OS 9.0/9.1/9.2/10.1/10.2
CPU	Intel Pentium II class 333 MHz processor or higher
RAM	PC: 64MB or more Mac: 16MB or more
Sound Board	Creative Labs Sound Blaster 16 or 100% compatible sound card
Video Card and Display	800 x 600 pixel or more, 256 colours or more
Removable Drive	2x or faster
USB Port	one free port
Audio Output	PC: earphone (or speaker) output Mac: Microphone input or earphone (or speaker) output

- Voice recorder and music recorder/player all in one.
- 128MB of built-in internal memory for 45 hours of voice recording or two hours of music.
- Supports voice/audio recording files in DSS and WMA formats and music recording files in MP3 and WMA.
- Stereo recording and playback.
- USB Docking Station for quick, easy uploads and downloads.
- PC and Mac® compatible.
- Included remote control doubles as an external microphone.
- Noise Cancellation mode reduces ambient sound for improved clarity.
- WOW™ audio technology provides rich bass and 3-dimensional stereo sound during music playback.
- Manage your voice files in 5 folders and music files in 2 folders capable of storing up to 199 files in each.
- SHQ, HQ, SP and LP modes provide recording flexibility.
- Voice activation.
- Index marking.
- Large, backlit LCD.
- Compact for comfort.
- Attractive design.
- Metal body for remarkable durability

Also Available: OPTIONAL #DM25CF2C *2-Channel Conference Recording Microphone Kit:* Includes two separate desk conference microphones (approx. 1 x 1 inch each) on 6 foot cords, with a "Y" splitter cable adapter, for true 2-channel Stereo Conference Recording. Excellent for recording two separate channels for court reporting, meetings, and interviews!

HTH ENGINEERING, INC.

825 Cypress Trails Dr.
Tarpon Springs, FL 34688
Web site: http://www.startstop.com
E-mail: webmaster@startstop.com
Call 866-254-0714 (toll free)
Fax 810-821-6940