

Attributes

Attributes change the bits per sample and sampling frequency of recorded audio. Recording quality improves as the bits per sample and sampling frequency increase. However, the size of the voice file also increases. At 8,000 Hz, 8 bits, one minute of recording consumes 480 KB of disk space. At 44,100 Hz, 16 bits, one minute of recording consumes 5.29 MB of disk space.



IMPORTANT

*ViaVoice requires that dictation be recorded at 11,025 Hz, 16 bits. If you are sending dictation to someone who will convert them to text using ViaVoice, you **MUST** send the files at 11,025 Hz, 16 bits.*

Formats

The following table describes three standard voice file formats.

TABLE 3 Voice File Formats

Format	Description
Linear PCM	This format provides the highest audio quality but results in very large files. Boomerang allows you to record only in PCM format. With ViaVoice: 11,025 Hz, 16 bits Without ViaVoice: 8,000 Hz, 16 bits
DeltaWave	This format, 8,000 Hz, 16 bits , also provides the highest available audio quality but results in very large files. DeltaWave is the only voice file format that allows you to vary playback speed without compromising audio quality (pitch-corrected playback). If you are sending your dictation to someone who wants to use pitch-corrected playback, convert dictation to a DeltaWave format when sending the file.
TrueSpeech	This format, 8,000 Hz, 1 bit , results in the smallest file size while providing acceptable audio quality. To send dictation to someone using a low bandwidth device such as a modem, convert the dictation to TrueSpeech when sending.
OKI32	This format, 8,000 Hz, 4 bit , results in files that are recognized by the Enterprise Express Voice system. To send to the EXV server, use "Convert on Send" and the OKI ADPCM, 8,000 Hz, 4 bit setting.