



Accessible and Verifiable Voting Technology: Hearing

The latest version of this chart appears at <http://www.verifiedvotingfoundation.org/accesscharts>

<u>Vendor</u>	<u>Model</u>	<u>Written Help and Instructions</u>	<u>Synched Audio & Video</u>	<u>Additional Features</u>	<u>All Units Accessible</u>	<u>VVPR on All?</u>
AccuPoll	AVS 1000 ¹	yes ²	yes ¹	-	yes	always
AutoMARK (ES&S)	ballot marking device ³	instructions only ⁴	yes ⁵	-	yes	always
Avante	Vote Trakker ⁶	yes ⁷	no ⁸	-	yes	always
Avante	Vote Trakker Full Face ⁹	-	no ¹⁰	-	yes	always
Diebold	AccuVote TS ¹¹	yes ¹²	no ¹²	-	no	optional
Diebold	AccuVote TSX ¹³	-	-	-	no	optional
ES&S	iVotronic ¹⁴	no ²	no ¹⁸	-	no	optional
ES&S	iVotronic LS ¹⁵	yes ¹⁵	-	-	no	optional
Hart Intercivic	eSlate ¹⁶	yes ²	yes ⁸	-	no	optional
Populex	Digital Paper Ballot ¹⁷	-	yes ¹⁸	-	no	optional
Sequoia	AVC Edge ¹⁹	instructions only ²⁰	planned ²¹	-	no	optional

Key to Hearing Chart:

A. "Written Help and Instructions" = The computer screen displays written help and instructions to aid the voter.

B. "Synched Audio & Video" = When the voter uses the audio option, text will appear on the screen at the same time it is played through the audio.

Footnotes for Hearing Chart:

1. <http://www.accupoll.com/TheAccuPollAdvantage/Brochures/accessibility.pdf>
2. http://www.capc.umd.edu/rpts/md_evote_ContempVotingMach.pdf p.9
3. <http://www.essvote.com/HTML/docs/AutoMark.pdf> (Note: Although some maintain that ballot-marking devices are not accessible to mobility-impaired and dexterity-impaired individuals due to the need to move the paper ballot from the device to the secure ballot box, in most areas election workers insert the ballots into the ballot box for all voters, and since it is possible to use privacy sleeves to maintain ballot secrecy for all voters, the ballot-marking devices provide as much accessibility to mobility-impaired and dexterity-impaired voters as to all other voters. However, the Election Assistance commissions draft Voluntary Voting System Guidelines, Volume 1, Section 2.2.7.2.2.5, states that the vendor should make provisions for voters who are blind to submit the ballot themselves without the help of an election official.)
4. <http://www.automarkts.com> under tutorial
5. <http://vote.nist.gov/NISTEACResaultitest.pdf>
6. <http://www.vote-trakker.com/White%20Papers/ACCESSIBLE%20VOTING%20with%20voter%20verifiable%20paper%20records%20in%20DRE%20Voting%20System.pdf> and http://www.vote-trakker.com/accessible_optical_voting.html
7. [Email letter from Cynthia Chu](#) of Avante, August 4, 2005, and attached "["DRE" & "ACCESSIBLE OPTICAL MARKSENSE" VOTE-TRAKKER? Provides Real and Full Accessibility](#)" chart from Avante.
8. <http://www.cvfieldsmbp.org/Voting%20Technology%20for%20People%20With%20Disabilities.pdf> p.32 of the document and p.42 of the PDF file.
9. <http://www.vote-trakker.com/White%20Papers/fullfaceballottouchscreensystem.pdf> and http://www.vote-trakker.com/accessible_optical_voting.html
10. [Email letter from Rick Gleim of Avante](#), August 1, 2005.
11. http://www6.diebold.com/dieboldes/accuvote_ts.htm
12. <http://www.cs.umd.edu/~bederson/voting/umd-dre-report.pdf>
13. http://www6.diebold.com/dieboldes/accuvote_tsx.htm

14. <http://www.essvote.com/HTML/docs/iVotronic.pdf>
15. http://www.essvote.com/HTML/docs/ESS_iVotronic_LS.pdf
16. http://www.hartintercivic.com/files/accessible_DLA_12_rev.pdf
17. http://www.populex.com/DPB_Intro.htm
18. Missouri Assistive Technology Council (<http://www.at.mo.gov/>) accessibility comparison table created by Diane Cordry Golden, Spring 2005.
19. <http://www.sequoiavote.com/docs/AVCEdge.pdf>
20. <http://www.sequoiavote.com/bAVCEdge.php>
21. Sequoia presentation by Sheree Noell at the mock election sponsored by the San Francisco Department of Elections, August 10, 2005.

Acknowledgements: Thanks to Verified Voting Foundation interns Jason Kim and Sarah Glaubman for the research required to prepare these charts.

© Copyright 2005, Verified Voting Foundation, Inc. All rights reserved, although reprint permission granted for nonprofit purposes with attribution to Verified Voting Foundation, Inc., a 501(c)(3) nonprofit corporation.