

Election Systems and Software (ES&S) DS850 Central Count Scanner

original: <https://www.verifiedvoting.org/resources/voting-equipment/ess/ds850/>
copy of ES&S's promotional brochure at:
http://dickatlee.com/issues/elections/evote/maine_rcv/pdfs/ds850_brochure.pdf

Note 1:** This is the text from Verified Voting's DS850 brochure (the page linked above). I provide the text in order to emphasize (in bold italics) its warning to voters -- i.e., that because the DS850 is used at a central location, a ballot is not counted locally and thus is not checked for over-vote errors. **This is significant because, in a Ranked Choice Voting election, it -- or a similar machine -- would be used to count 100,000 of the 700,000 Maine ballots after the election, with no opportunity for the voter to fix problems.

***Note 2:** The original Verified Voting page above also has a link to a DS850 demo video, which makes no mention of the issue.*

During scanning, the DS850 prints a continuous audit log to a dedicated audit log printer and can print results directly from the scanner to a second connected printer. The scanner saves results internally and to results collection media that officials can use to format and print results from a PC running Election Reporting Manager. The DS850 has an optimum throughput rate of 400 ballots per minute and uses cameras and imaging algorithms to image the front and back of a ballot, evaluate the results and sort ballots into discrete bins to maintain continuous scanning.

Polling Place Voting Instructions

1. A poll worker will issue a paper ballot and direct you to a voting booth.
2. To select your candidate, use a pen to fill in the oval beside the candidate's name you wish to choose.
3. After completing your ballot, check over each race to make sure you have marked the ballot as you intended. If you make a mistake, simply ask the poll worker for another ballot.
- 4. When finished making your choices, place your ballot in the ballot box. All ballots in your county will be counted at a central location after the polls close. Because your ballot is counted after you leave the polling place, you will not be alerted of any over-votes or under-votes.***

IMPORTANT Over-Votes: If a voter casts votes for more than the allowable number of candidates in a contest or cast votes for and against an issue in a contest. Over-voted races cannot be counted. ***In a jurisdiction using a central count voting method there is no way for a voter to be notified of an overvote so be very careful to vote for only the allowable number of candidates in any contest*** (in most cases one). If you do accidentally over-vote and you have not put your ballot into the ballot box, you can request a new ballot from an election official. You will be asked to sign a Spoiled Ballot Affidavit. You may "spoil" up to two ballots and receive another (three ballots total). Once you drop your ballot in the ballot box, no changes can be

made.