

New ESN200 Releases - July 2025

The ESN200 system has undergone an upgrade. Here are the major changes:



- 1- New Display **ESN200-SC** – The ESN200 will now be provided with the new 10.1” Touch display. (Replacing ESN200-SB)

The new standard display, (CU-M001-SA) has been programmed to run a virtually identical version of the display version for the 9” display (ESN200-SB). This version is named **ESN200-SC**. Mounting information is added to the. And can be found on the web (sometimes labelled CU-M001-SA)

- [Manual](#)
- [STEP Version](#)
- [Cutout pdf](#)
- [Outline pdf](#)

Note: The ESN200-SB will be available for some time, but new orders will by default be directed to the SC version

- 2- New retrofit plates: The ESN200 is popular for retrofits due to its compact design and retrofit transducers. The 9” display has a retrofit plate allowing it to be retrofit to the old GDS cutouts. New Retrofit plates are available for the new display [More info](#)

- KIT-RETROPLATE-002 - late with mounting kit for retrofit ELAC LAZ 5100 / 5200 display
- KIT-RETROPLATE-003 - Plate with mounting kit for SKIPPER CU-M101-SA in GDS/DL850 hole, flushmount
 - This kit can be used to replace the GDS with the new display ESN200-SC, the JB70E2 being placed somewhere else.
- KIT-RETROPLATE-004 Plate with mounting kit for SKIPPER CU-M101-SA in GDS/DL850 hole, with backmount for JB70 flushmount – Coming soon
 - This kit can be used to replace the whole GDS101 or GDS102. NOTE it is slightly deeper than the old cabinet.

- KIT-BACKMOUNT-001 Backmount bracket for attachment to JB70XX, ISO, Desktop bracket – Coming soon
- KIT-DESKTOP-001 Mounting for 10.1 inch display for mounting to desktop, wall or ceiling, vertically adjustable. – Coming soon

3- **Improved robustness and reliability** - This is improved through auto function changes and transceiver changes

4- **New Software** – A new software 1.2.0 is now available for download from the website it has the following new features:

- Follow the new standards for IEC62288:2021, ISO9875(2023). The shallow water alert is now changed from Category A -> B, allowing the system to be used as a more integrated part of the Bridge alert system.

New MED Certificates

- Improved Manual features: Disabling manual has required the user to adjust the gain settings often, in many cases the gain was set o high that the system did not work optimally, causing frustration. This is seen on screen as a change of Gain, to Sensitivity. The user can now make the system more sensitive to signals, however the gain is automatically kept optimal based on the signal received.
- New Serial sentence for multiple channels available. The sentence can now be enabled such that both channel 1 and channel 2 can be enabled on the same output. If STN is enabled, it is sent immediately before the standard ‘DPT’ sentence, indicating which channel is being sent. This is in addition to the proprietry methods of doing this ‘PSKPDPT’ . This means the previous ‘Primary’ method of defining the DPT is no longer used. The receiving system should be programmed with the relevant transducer information (position and/or frequency) if needed.

- Example from before: \$SDDPT, 12.3,2.0,100*nn

- Example with 2 channels sent

\$SDSTN,01*nn

\$SDDPT, 12.3,2.0,100*nn

\$SDSTN,02*nn

\$SDDPT, 14.3,2.3,100*nn

- Multiple bug fixes and internal improvements : Making the system more stable.

5- **Transceiver changes** - The Transceiver (in JB70E2-SA) has a renewed logic that stabilizes and improves the signals, giving clearer signals, and adding slightly to depth and robustness of bottom detection