NAVnet TZtouch

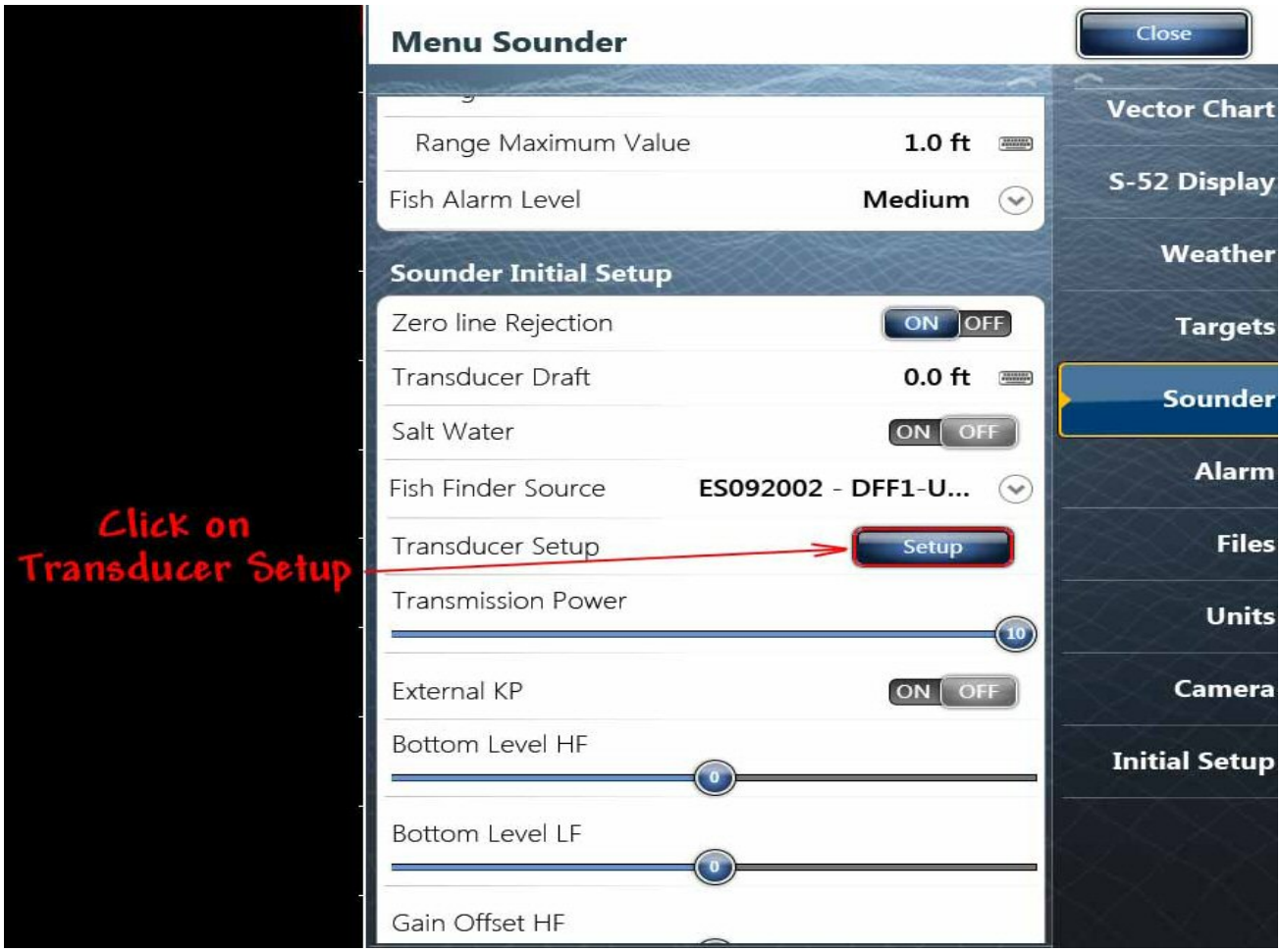
NAVnet 3D

DFF1-UHD Transducer Setup

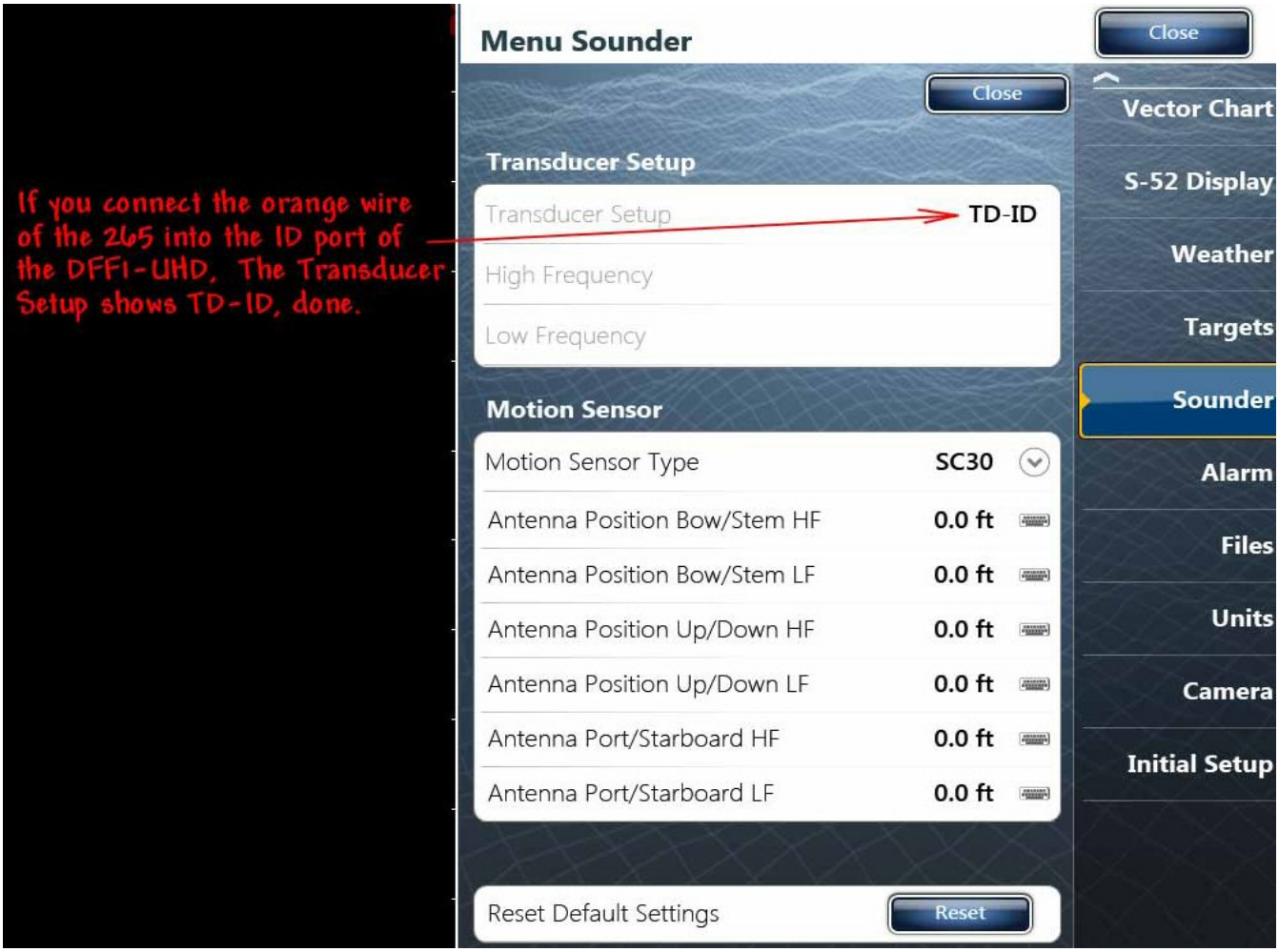
TZtouch and DFF1-UHD

The following steps are a guide to connecting Airmar B265LH and CM265LH transducers to the DFF1-UHD sounder module. Please refer to the DFF1-UHD Operator's manual for specific connection and transducer wiring information. Wiring information for the transducer is also located on the metal shield cover of the sounder.

Airmar B265LH, CM265LH Transducer setup



If the Airmar B265LH or CM265LH transducer was wired correctly to the DFF1-UHD the TXID feature will detected what type of transducer was connected and display TD-ID in the setup menu. Transducer setup is complete.

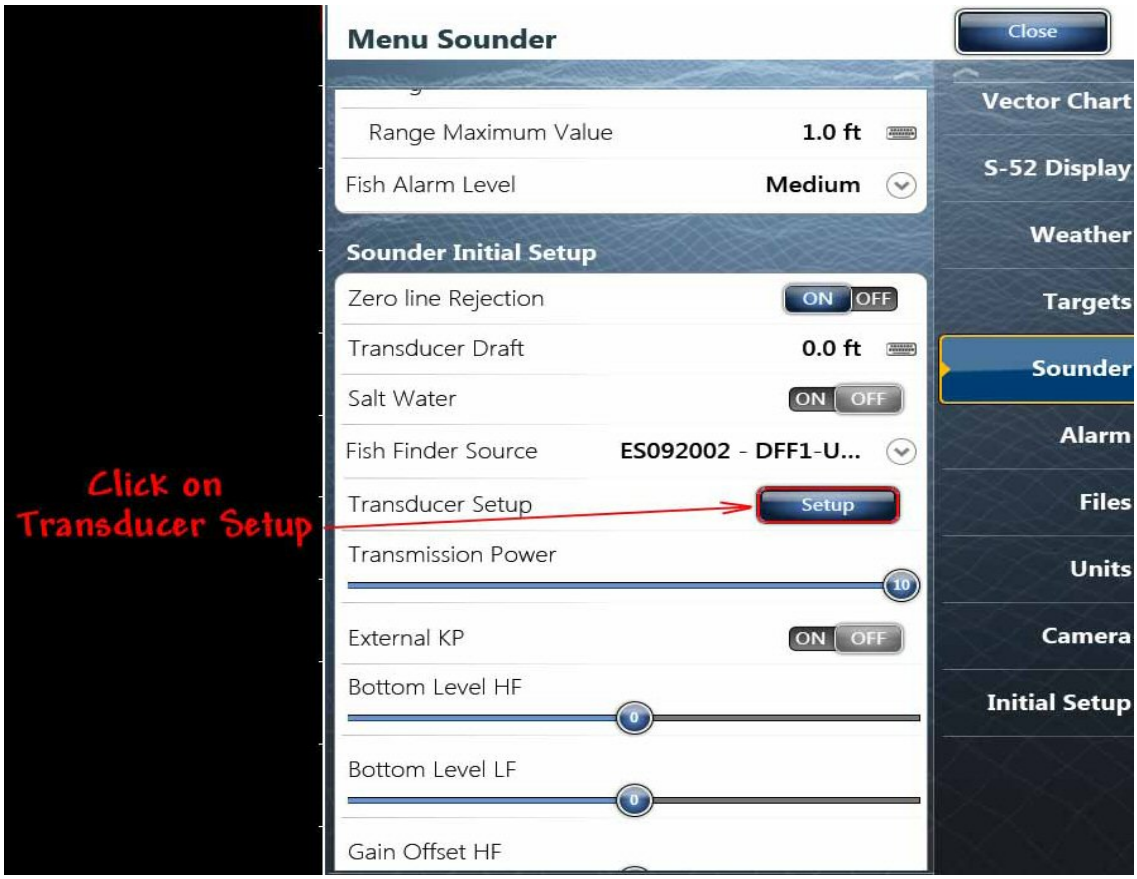


Important: After you have programmed the DFF1-UHD for the transducer please cycle power to both the sounder and all TZtouch displays, to ensure the changes will take effect. To turn off power to the DFF1-UHD you must either turn off the circuit breaker feeding the sounder or remove the power plug connected to the DFF1-UHD for 5 seconds.

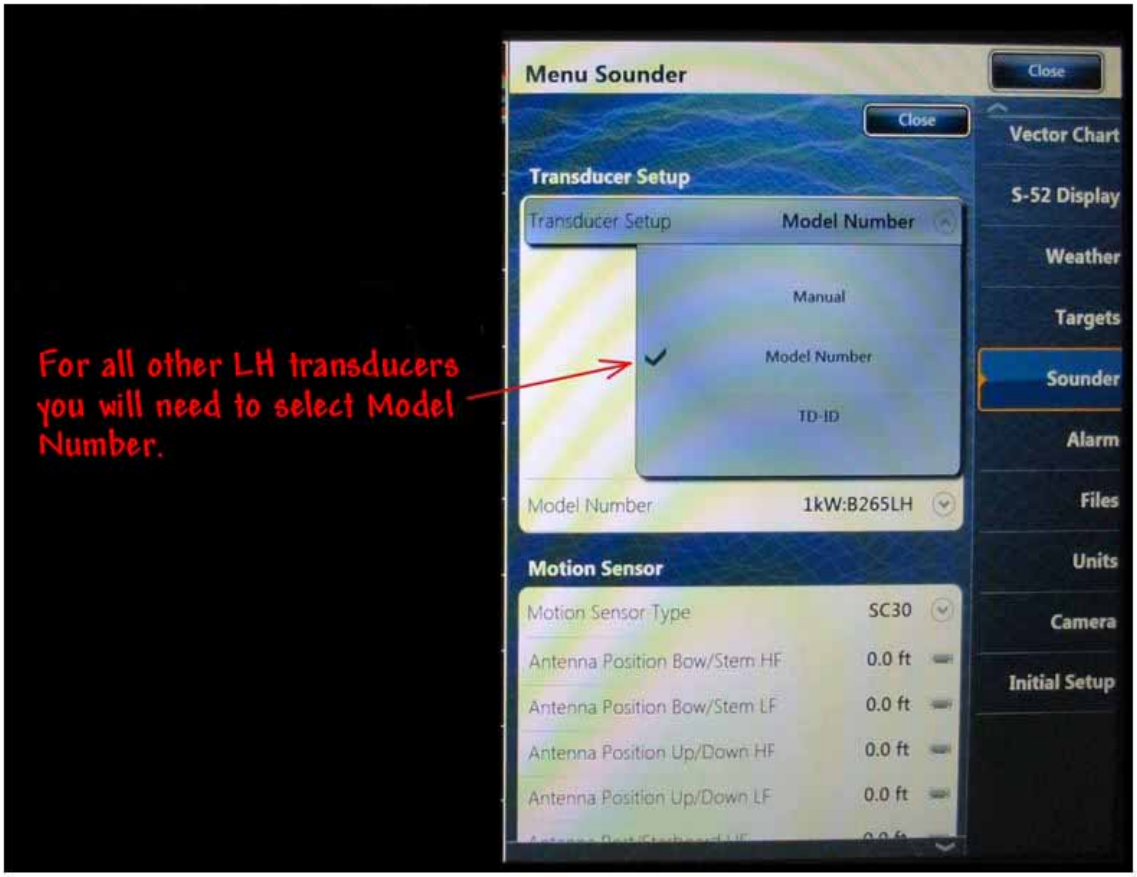
Procedures for programming the DFF1-UHD sounder for transducers other than the Airmar B265LH or CM265LH

Note: Do NOT connect the Orange XID wire in this situation. The transducer will be selected by the "Model Number" in the menu.

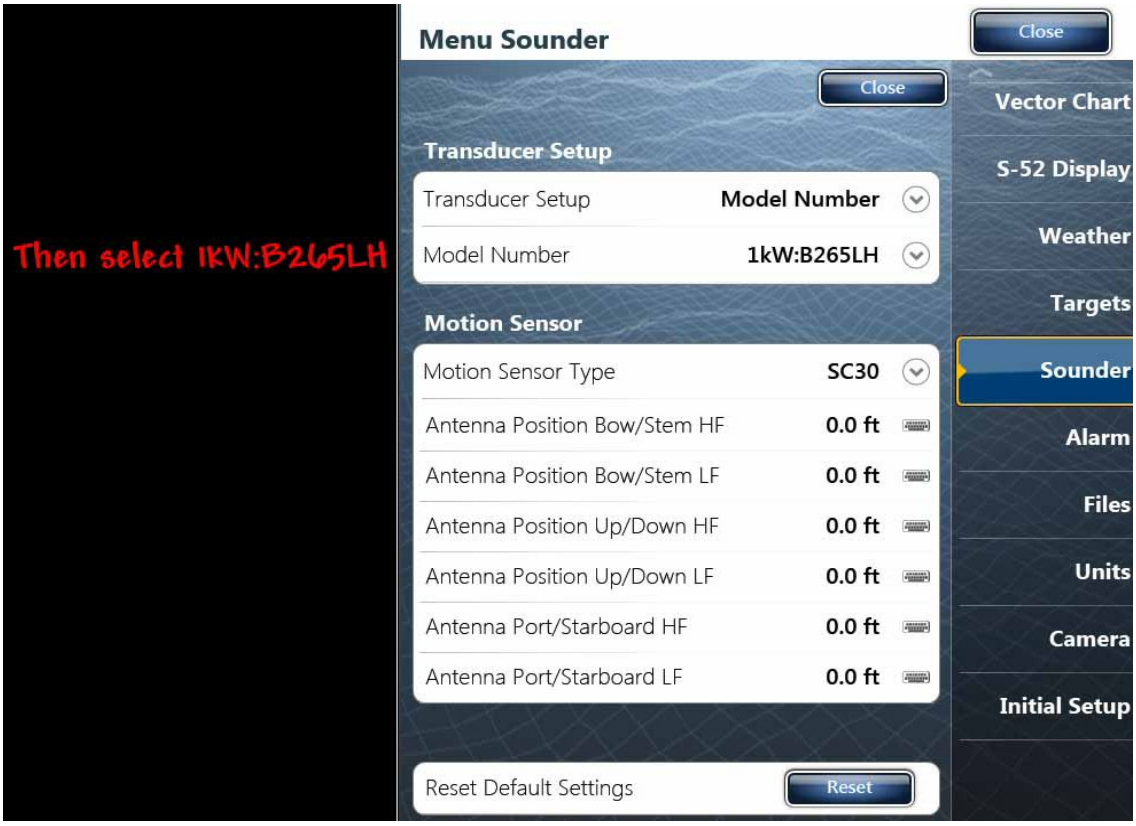
Note: The DFF1-UHD has two unique features, ACCU-FISH and Bottom Discrimination. These features work best when the DFF1-UHD is paired with Airmar's B265LH, or CM265LH transducer. If a vessel is already fitted with an existing LH CHIRP transducer(s) i.e. 175LH, 109LH or 509LH the DFF1-UHD can be programmed to use them, ***HOWEVER the accuracy of both ACCU-FISH and the Bottom Discrimination modes will be questionable.***



For any transducer model number other than B265LH and CM265LH you will need select model number in the Transducer setup menu.



Now select **1kw:B265LH** as the model number



Important: After you have programmed the DFF1-UHD for the transducer please cycle power to both the sounder and all TZtouch displays to ensure the changes to take effect. To turn off power to the DFF1-UHD you must either turn off the circuit breaker feeding the sounder or remove the power plug connected to the DFF1-UHD for 5 seconds.

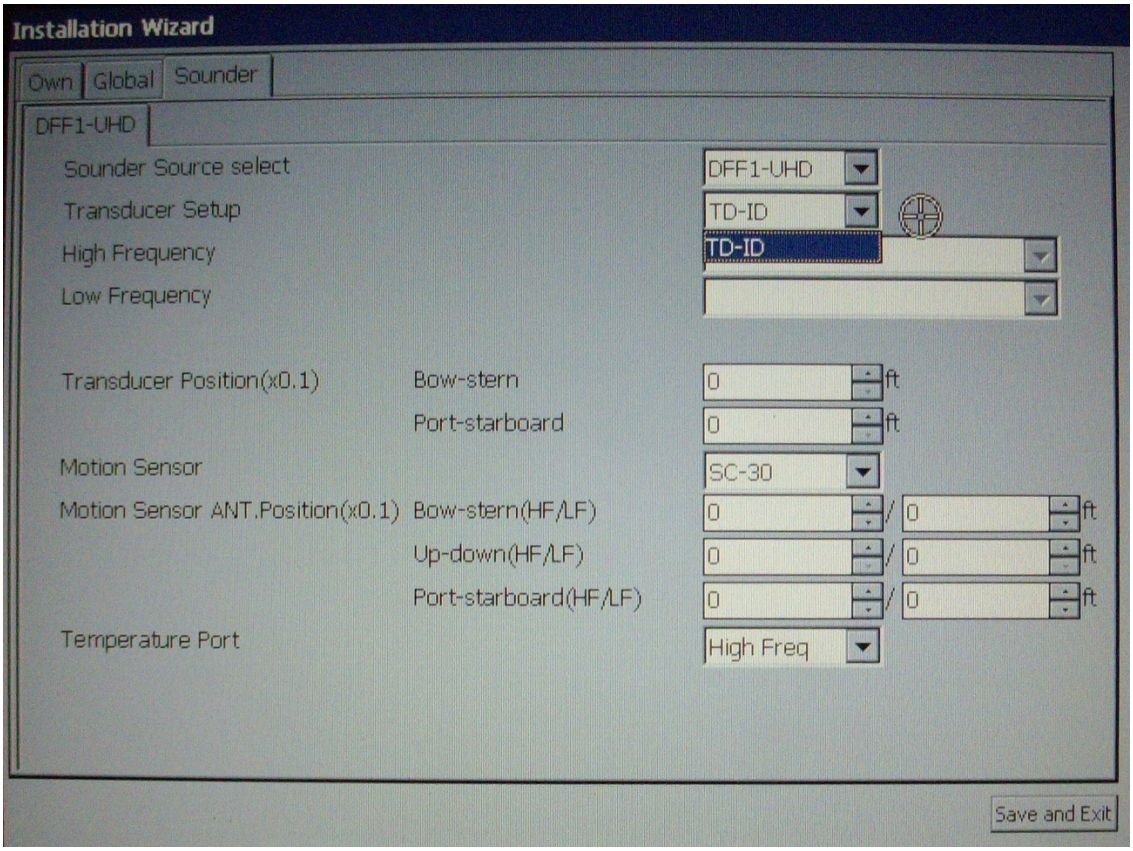
Setup for TZT/DFF1-UHD transducer connection is finished. Please refer to the following pages for NN3D/DFF1-UHD transducer connection information.

NN3D and DFF1-UHD

Connecting Airmar B265LH or CM265LH transducers

Use the following steps when connecting the Airmar B265LH orCM265LH transducers. Please refer to the DFF1-UHD Operator's manual for specific connection and transducer wiring information. Wiring information for the transducer is also located on the metal shield cover of the sounder.

Enter NN3D MFD's Installation Wizard and go to the sounder tab. When using the B265LH or CM265LH, and the orange TXID wire of the transducer is connected to the sounder, the NN3D MFD will automatically select the TD-ID under the Transducer Setup. This automatically selects the parameters of the B265LH or CM265LH. No more steps are needed. Remember to always "save and exit" out of the MFD Installation Wizard via the "Data Source" tab under Global setings. Confirm the data source selections and make sure they are correct.

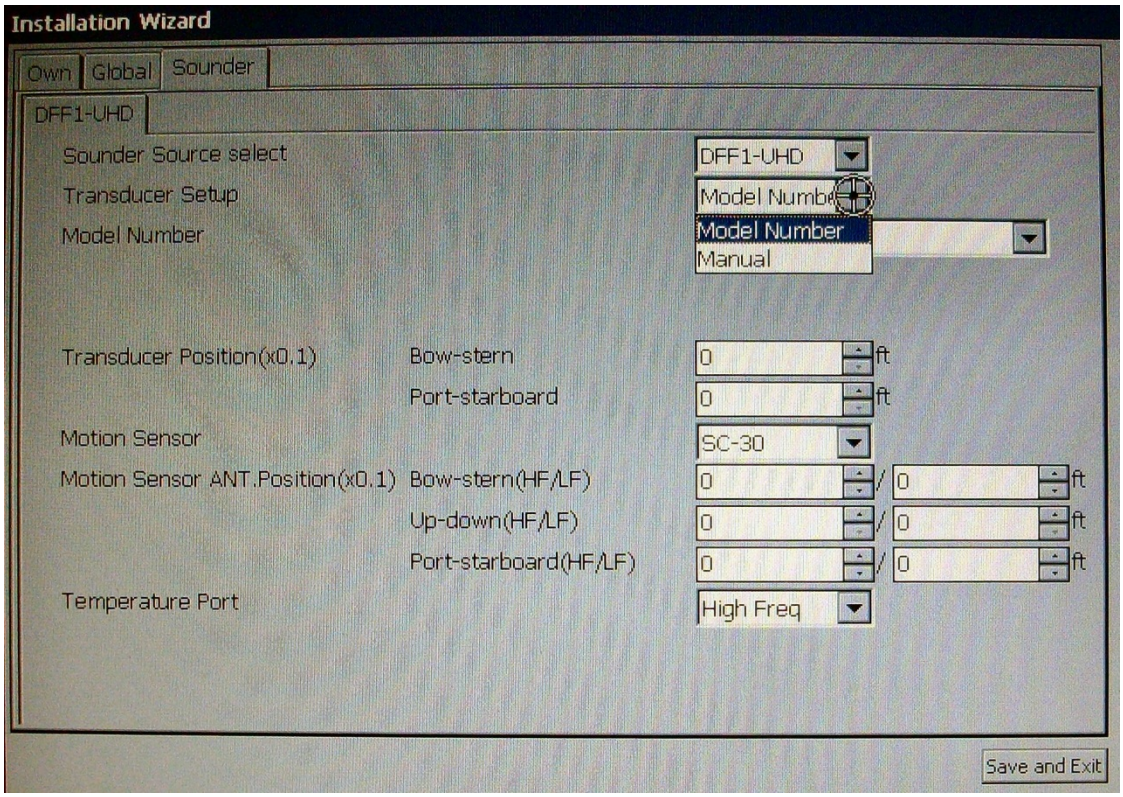


Important: After the MFD finishes exiting out of the Installation Wizard, cycle the power to both the NN3D MFD and the DFF1-UHD sounder to ensure the changes take effect. To turn off power to the DFF1-UHD you must either turn off the circuit breaker feeding the sounder or remove the power plug connected to the DFF1-UHD for 5 seconds.

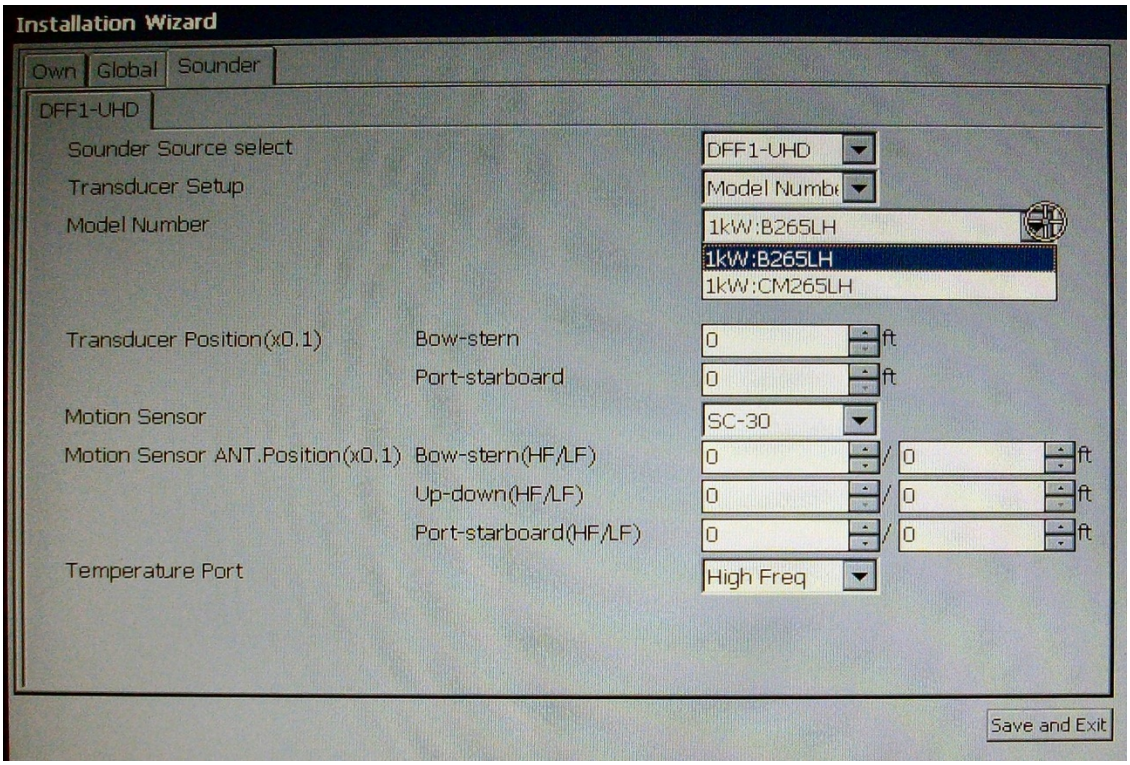
Connecting other Airmar LH CHIRP transducers i.e. 175LH, 109LH or 509LH to the DFF1/UHD

Note: Do NOT connect the Orange XID wire in this situation. The transducer will be selected by the "Model Number" in the menu.

When connecting other Airmar LH CHIRP transducers i.e. 175LH, 109LH or 509LH to the DFF1/UHD use the steps below. Enter the NN3D MFD Installation Wizard and go to the Sounder tab. Select **Model Number** under Transducer Setup.



Now under Model Number select **1kw:B265LH,** see the following picture.



Remember to always “save and exit” out of the NN3D MFD Installation Wizard via the “Data Source” tab under Global setings. Confirm the data source selections and make sure they are correct.

Important: After the MFD finishes exiting out of the Installation Wizard, cycle the power to both the NN3D MFD and the DFF1-UHD sounder to ensure the changes take effect. To turn off power to the DFF1-UHD you must either turn off the circuit breaker feeding the sounder or remove the power plug connected to the DFF1-UHD for 5 seconds.

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