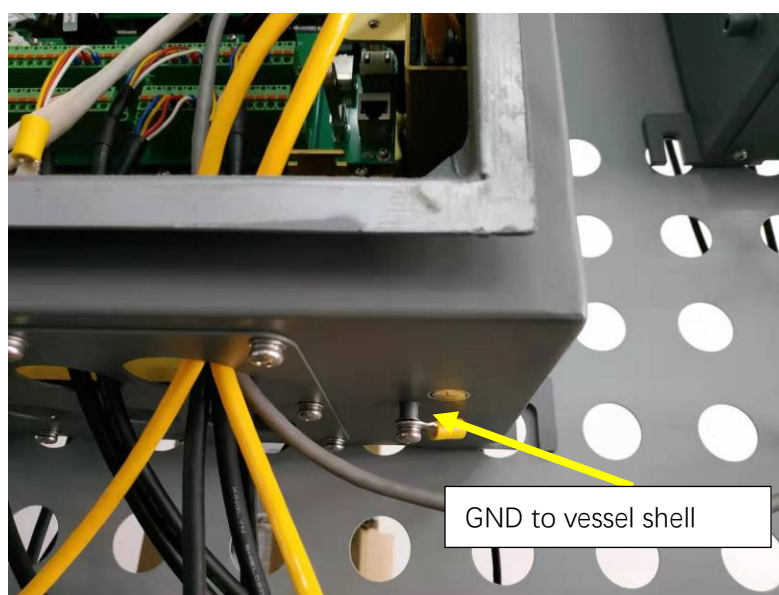
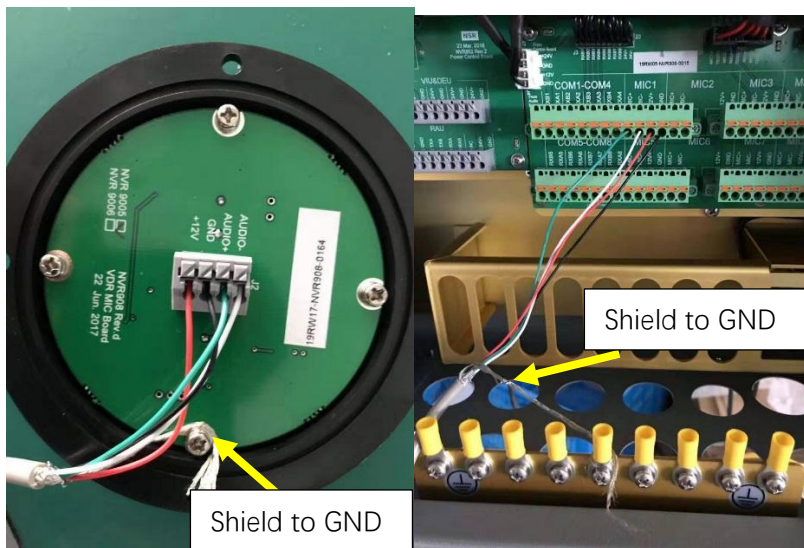


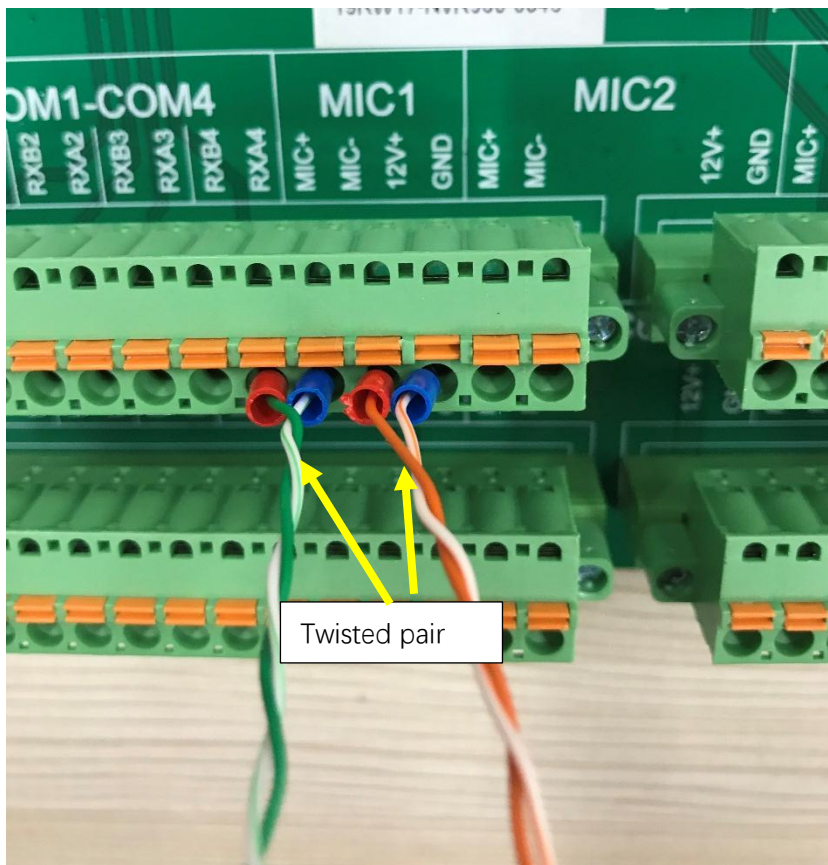
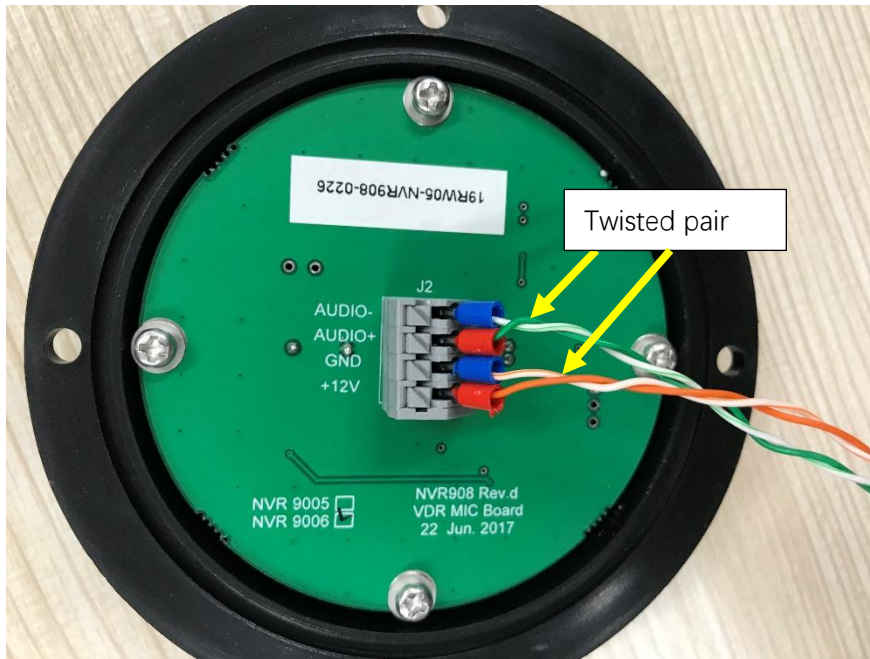
## How to Connect Microphone to VDR DAU

1. Connect by **shielded cable**. The shell should be connected to GND at microphone side and DAU side. And DAU should be connected to the shell of the vessel.

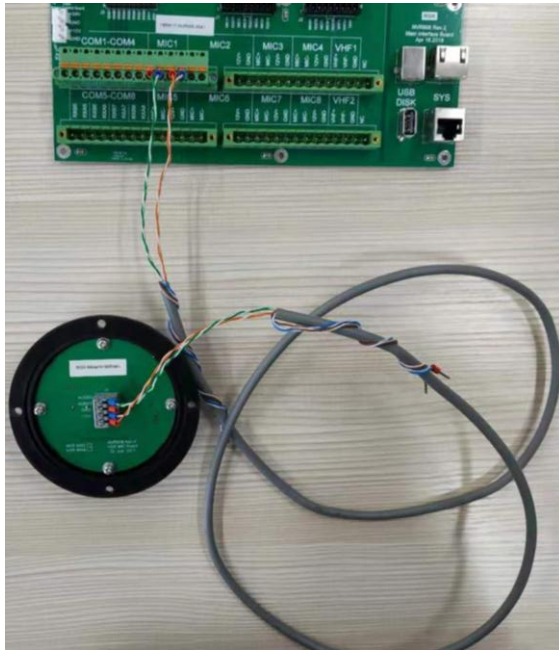
If it is a replacement installation with the old cable, please check whether there is a junction box and other equipment in the middle of the original cable. Measure the resistance of the cable in a few ohms.



2. Twisted pair is better for differential audio.



### 3. Test with short cable.



If the audio from short cable is OK but noise from long cable. Please check the long cable or change the long cable to other channel for checking. If all the channel have noise, the microphone unit may be fault.

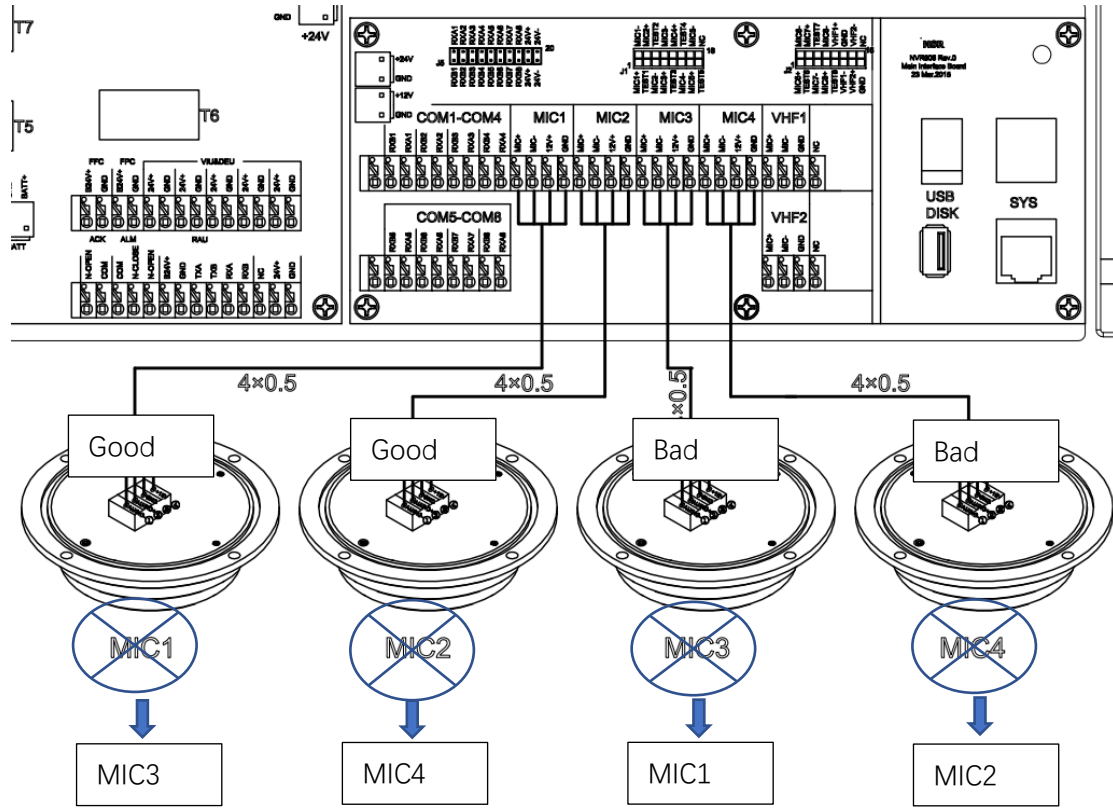
Channel 1=MIC1+MIC2    Channel 2=MIC3+MIC4

Channel 3=MIC5+MIC6    Channel 4=MIC7+MIC8

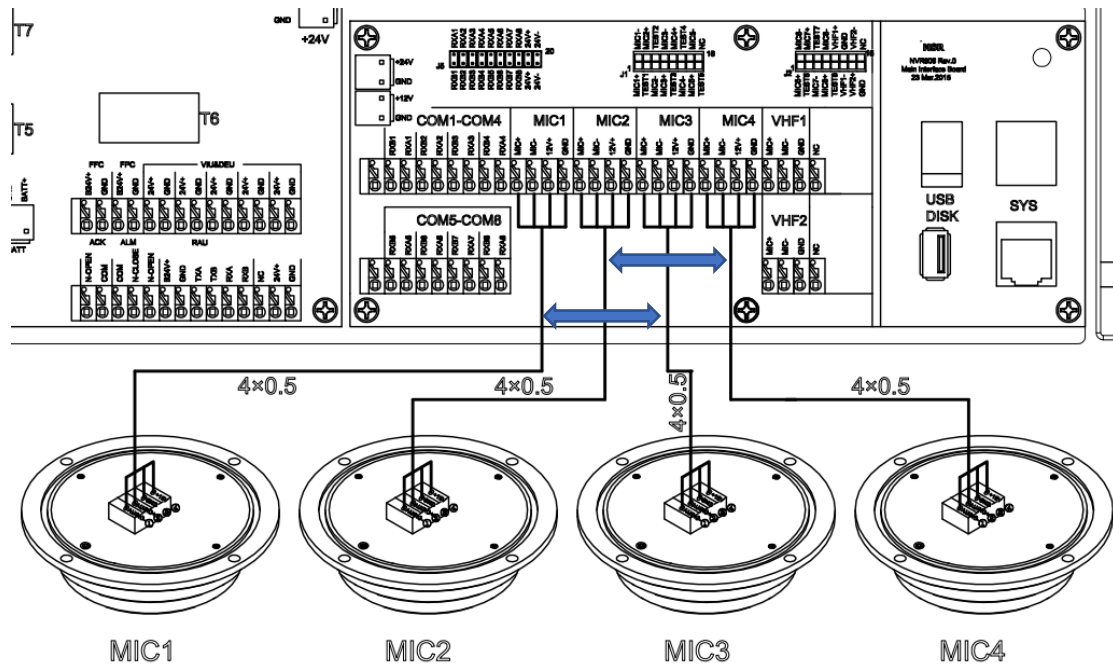


#### 4.Exchange good channel and bad channel

Exchange the microphone unit to check if microphone fault or not.



Exchange the cable to check if the cable good or bad.



## 5.Adjust the volume

Too much volume can cause noise.

The default volume for MIC is 16 and VHF is 10.

Please use less volume for VHF.

Microphone ID	Location	Volume, dB (0-63)	Description
MIC1(A1)		16	
MIC2(A1)		16	
MIC3(A2)		16	
MIC4(A2)		16	
MIC5(A3)		16	
MIC6(A3)		16	
VHF1(A5)		10	
VHF2(A5)		10	