

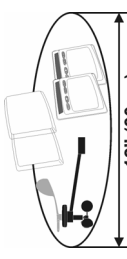


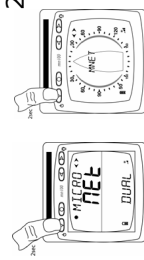
**!!! IMPORTANT !!!**


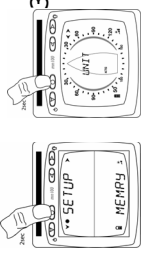
**This procedure is vital to the operation of your Micronet system. Unless "Auto Network" is carried out correctly and checked BEFORE installation your instrument system WILL NOT OPERATE.**


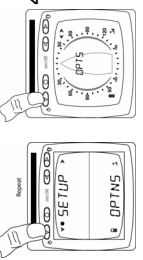




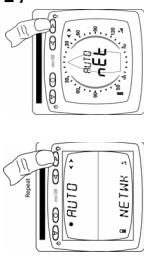
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
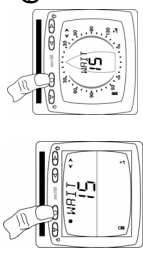
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1. Collect all your new Micronet equipment together and ensure that no part (including the Masthead Transmitter) is more than 30cm (12") from the other parts.
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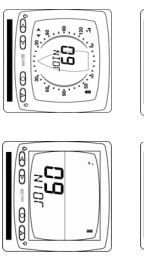
2. Ensure that all instruments are off and then power-up a single instrument display by pressing and holding for 2 seconds the  button. There will be a beep but no data will be displayed at this time.
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3. ON THE SAME INSTRUMENT - Press and hold  for 2 seconds to enter setup mode.
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4. Press repeatedly the  button until "Options" is displayed.  
 NOTE: Pressing and holding the  button will switch the instrument off
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5. Press the  button to display "Auto Network"  
 If "Auto Network" is NOT displayed then this is NOT the instrument which was originally powered-up. Turn all instruments OFF and start again.
- 



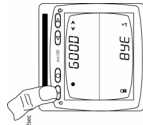

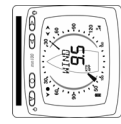




6. Press the  button to activate.  
 The instrument will count down from 15 seconds during which time you should ensure that all your Micronet system is within 30cm (12").



The instrument will display "Join" and begin a 60 second countdown.



During the countdown the instrument will beep twice and display "Unit Add" as other pieces of equipment are added to the network.

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- At each double beep other instruments will power up and join the network. Once all new instruments (including Hull Transmitter, Wind Transmitter, and NMEA Interface) have been added you can exit Auto Network by pressing the  button or wait until the countdown is completed.
  - Press and hold  for 2 seconds to exit setup mode.
  - Power down your initial instrument by pressing and holding for 2 seconds the  button. All the instruments will power down.
  - CONGRATULATIONS! Your new instrument system is configured and ready to use. Please refer to your user guide for installation and operation details.

## Why did my Network NOT connect

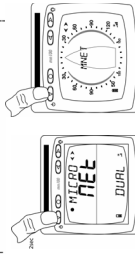
- Distance**  
 Make sure that all instruments and transmitters are within 30cm (12") of each other.
- Previous Network**  
 If an instrument has already been part of a network and is still within range of that network then it will not join a new network. See overleaf for adding previously networked instruments.
- Low Power**  
 Should any of the items being networked be low on power Networking may not succeed. If any items are thought to have low power place them in direct bright sunlight or connect to an external 9-24Vdc power source for at least 6 hours to recharge the internal batteries.

## Adding a Single new item to an existing network

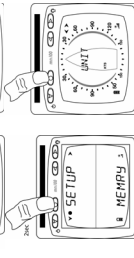
1. Ensure your new item is within 30cm (12") of a chosen display from the EXISTING SYSTEM.



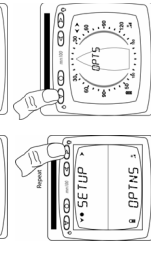
2. Power-up the chosen instrument display from the EXISTING SYSTEM by pressing and holding for 2 seconds the **RESET** button. There will be a beep and data will be displayed



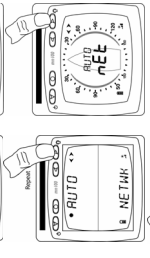
3. ON THE SAME INSTRUMENT - Press and hold **SETUP** for 2 seconds to enter Setup Mode.



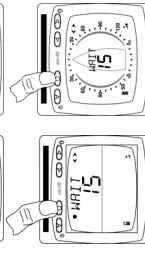
4. Press repeatedly the **JOIN** button until "Options" is displayed.



5. Press the **AUTO** button to display "Auto Network". If "Auto Network" is NOT displayed then this is NOT the instrument which was originally powered-up. Turn all instruments OFF and start again.



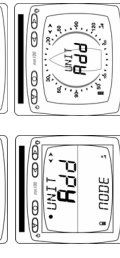
6. Press the **JOIN** button to activate. The instrument will count down from 15 seconds during which time you should ensure that your new item is within 30cm (12").



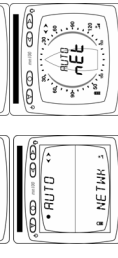
- The instrument will display "Join" and begin a 60 second countdown.



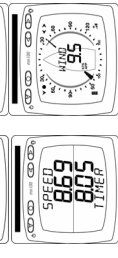
- During the countdown the instrument will beep twice and display "Unit Add" the new item is added to the network.



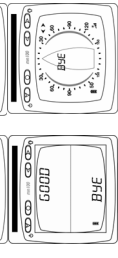
- You can now exit Auto Network by pressing the **STOP** button or wait until the countdown is completed.



7. Press and hold **STOP** for 2 seconds to exit Setup Mode.



8. Power down your initial instrument by pressing and holding for 2 seconds the **BYE** button. All the other instruments will power down.



## Adding 2 or more new items to an existing network

1. If the items being added have never been part of an alternative network prior to installation then follow the "Single" new item procedure allowing all the new items to join the network at stage 6 before powering down the system.

2. It is possible that the new items may have been part of a previous network.  
NOTE: THEY MAY HAVE BEEN USED TO DEMONSTRATE OPERATION BY THE DEALER WHO SUPPLIED THEM TO YOU.  
Items will have to be added to the new network individually ensuring that all other new items are completely shielded.

TO SHIELD ITEMS FROM A NETWORK SIMPLY WRAP THEM IN TIN FOIL AND PLACE THEM A SHORT DISTANCE AWAY FROM THE SYSTEM (see below).

Follow the complete procedure 1 through 8 (see left) before bringing another single new item to within 30cm (12") of the full network, unshielding it and carrying out the full procedure again.

Do this for each new item.

