



We take pride in supporting the best marine technical dealers in the industry. We know communication is the key to ensuring you can provide the best possible service to your customers. To that end, we'll periodically be providing useful "Furuno Tech Tips." These tips are focused on lesser known features or troubleshooting items that could result in overall higher quality of service. We hope you'll save and refer to these tech tips, as well as providing copies to your field personnel.

NavNet X-Class Radars: Nicknames & IP Addresses w/Multiple Radar Antennas

December 12, 2017
Tech Tip #2017-01

When NavNet 3D was released, Furuno introduced the ability to use multiple DRS Radar sensors on the same network. This capability was carried into TZtouch and TZtouch2. Our newest X-Class Radar sensors continue to have this ability; however, there are some important things to remember.

X-Class Radars do NOT automatically acquire IP addresses. When the X-Class Radar is powered on, the network assigns the default Nickname and IP address, regardless of whether or not there is already another X-Class Radar on the network. This can result in a conflict between the two devices. To clearly differentiate between two Radars, X-Class units use the "Nickname" field to uniquely identify each Radar.

Name	NickName	Version	IP	HostName
TZTL15F (Me)	TZTL15F	05.01:05.01:05.03:	172.031.252.002	MF252002
BBWX3	BBWX3		172.31.200.20	
DRS6A_X-CLASS	DRS6A_X-CLASS	01.01:01.01:01.14:01.10	172.031.003.019	RD003019
DRS6A_X-CLASS	DRS6A_X-CLASS	01.01:01.01:01.14:01.10	172.031.003.019	RD003019

Two X-Class Radars shown, before any changes are made

When installing two X-Class Radars in the same network, you MUST change the Radar Nickname, then cycle power to that antenna directly (at the breakers). This will restart the antenna with the new Nickname. Once the system understands there are two named units, it will change the IP address, as necessary (see below).

Name	NickName	Version	IP	HostName
TZTL15F (Me)	TZTL15F	05.01:05.01:05.03:	172.031.252.002	MF252002
BBWX3	BBWX3		172.31.200.20	
DRS6A_X-CLASS	UPPER DRS X-CLASS	01.01:01.01:01.14:01.10	172.031.003.243	RD003243
DRS6A_X-CLASS	LOWER DRS X-CLASS	01.01:01.01:01.14:01.10	172.031.003.019	RD003019

We look forward to providing you more of these useful technical tips in the future.

Furuno USA, Inc.