

# NETWORKING OVERVIEW

## WHAT IS ETHERNET NETWORKING?

Ethernet networking lets your Humminbird® fish finder (XPLORE™, APEX™, SOLIX® G3) connect and share information, making your time on the water more efficient, convenient, and connected.

With an Ethernet network, you can:

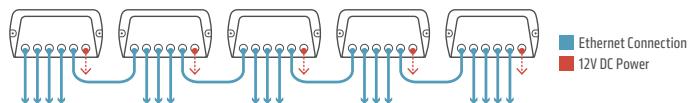
- » Share waypoints, tracks, mapping, and transducer data between finders.
- » Connect to Minn Kota® trolling motors with Advanced GPS and accessories like MEGA Live 2 and Humminbird CHIRP Radar.
- » Control and view information from anywhere on the boat.



## NETWORK CAPABILITIES

A Humminbird Ethernet network gives you the flexibility to scale your setup to your needs.

- » **Multiple devices working together** – Connect up to 20 total Ethernet-compatible products (fish finders, trolling motors, radar, sonar accessories) via AS ETH 5PGL switches daisy-chained together.



- » **Compatibility matters** – While most current Humminbird units work together, not all legacy products are supported. Be sure to check compatibility notes before adding them.

- » **Accessory limitations** – Only one of the following accessories can be used in a single network:

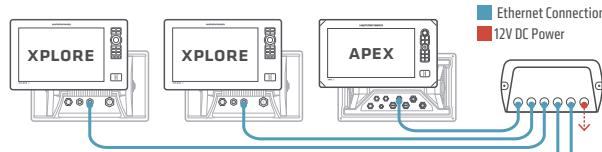
- MEGA Live Imaging® (Gen 1)
- TargetLock®
- CHIRP Radar



## BEST WAY TO SET UP A NETWORK

Connect only compatible fish finders using the same software version:

- » XPLORE to APEX or SOLIX G3 (software update may be required).



- » For networking details on legacy Humminbird models (HELIX, SOLIX G1/G2, ONIX, and the 1100/900/800/700 Series), scan the QR code to the right.



## BUILDING A NETWORK

Designing your network is an important step to get the most out of your fishing electronics. A well-planned setup ensures all your devices work together seamlessly.

When planning your network:

- » **Confirm compatibility** – Make sure your fish finders, trolling motor, radar, and other accessories can share information.
- » **Choose the right cables and switches** – Different products may require specific Ethernet cables, adapters, or an AS ETH 5PGL Ethernet switch.
- » **Plan installation and wiring** – Think about cable lengths, mounting locations, and how everything will be connected on your boat.

## BLUETOOTH® NETWORKING

Take control right from the screen of your Humminbird with wireless communication to compatible Talon and Raptor shallow water anchors, as well as Cannon® Optimum™ downriggers. Additional features include wireless updates and waypoint management from the One-Boat Network® App.



## NETWORK BUILDER TOOL

To simplify planning, scan the QR code to access our online tool. You can select products for your network, confirm compatibility, and receive a complete list of everything needed for your setup.



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**NETWORKING**

**2** MFDs

**MULTI-FUNCTION DISPLAYS**

- » (2) APEX, XPORE or SOLIX G3 Models



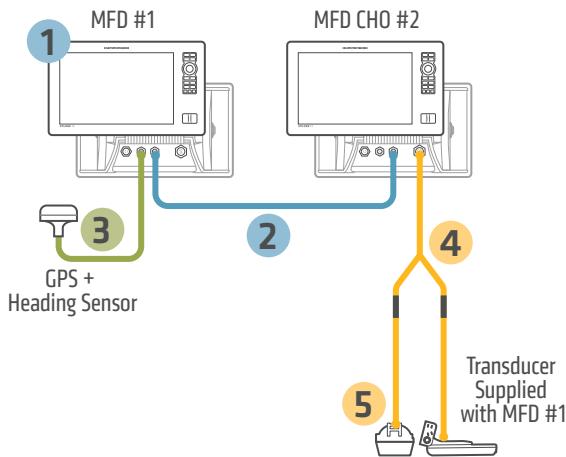
**ADDITIONAL TRANSDUCERS**

- » High-Speed Transducers



**OPTIONAL BLUETOOTH® ACCESSORIES**

- » Minn Kota® Talon or Raptor Shallow Water Anchors
- » Cannon® Optimum™ Downrigger



**RIGGING PARTS LIST**

ETHERNET	<b>1</b> <b>MFD #1 (With MSI Transducer)</b> APEX Models XPORE Models SOLIX G3 Models	<b>MFD #2 (Control Head Only)</b> APEX CHO Models XPORE CHO Models SOLIX G3 CHO Models
	<b>2</b> <b>Ethernet Cables (1 Required)</b> AS EC 5E (5') [P/N 720073-6] AS EC 10E (10') [P/N 720073-2] AS EC 15E (15') [P/N 720073-5]	AS EC 20E (20') [P/N 720073-3] AS EC 30E (30') [P/N 720073-4]

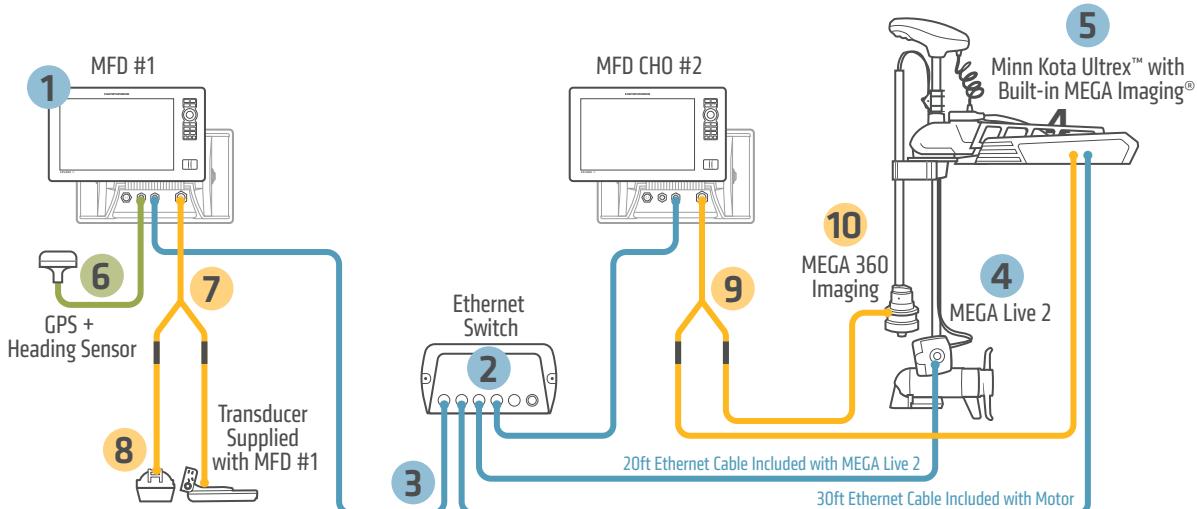
NMEA	<b>3</b> <b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
SONAR	<b>7</b> <b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
8	<b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]
	<b>2D High-Speed Transducer</b> (aluminum hull) XNT 14 HW T [P/N 710285-1]

The accessories and part numbers listed above are valid as of **November 2025**.  
 Installations shown are for APEX, XPORE and SOLIX G3 models and Minn Kota trolling motors with Adv GPS Navigation.

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# NETWORKING

## 2 MFDs + ADVANCED SONAR + MINN KOTA® TROLLING MOTOR



## RIGGING PARTS LIST

<b>ETHERNET</b>	<b>1</b> <b>MFD #1 (With MSI Transducer)</b> APEX Models XPORE Models SOLIX G3 Models	<b>MFD #2 (Control Head Only)</b> APEX CHO Models XPORE CHO Models SOLIX G3 CHO Models
	<b>2</b> <b>5-Port Ethernet Switch (2 Required)</b> AS ETH 5PGL [P/N 411850-1]	
<b>Ethernet Cables</b>		
<b>3</b>	AS EC 5E (5') [P/N 720073-6] AS EC 10E (10') [P/N 720073-2] AS EC 15E (15') [P/N 720073-5]	AS EC 20E (20') [P/N 720073-3] AS EC 30E (30') [P/N 720073-4]
<b>4</b>	<b>MEGA Live 2 Forward-Facing Sonar</b> [P/N 710310-1] Includes: (1) 20' Ethernet cable	
<b>5</b>	<b>Minn Kota Ultrex Trolling Motor with Built-in MEGA Imaging</b> Includes: (1) 30' Ethernet extension cable	

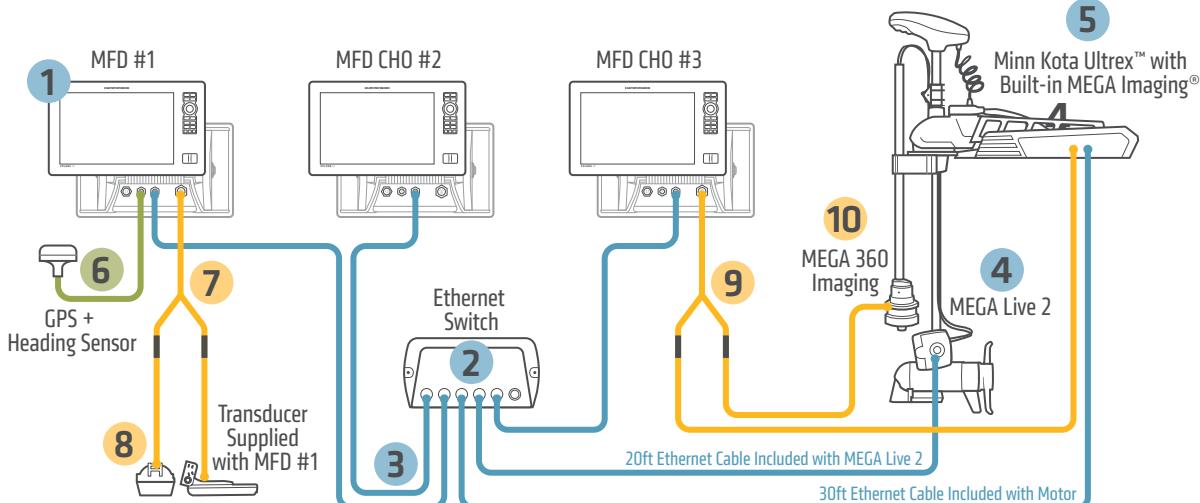
<b>NMEA</b>	<b>6</b> <b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
<b>7</b>	<b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
<b>8</b>	<b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]
<b>9</b>	<b>2D High-Speed Transducer</b> (aluminum hull) XNT 14 HW T [P/N 710285-1]
<b>9</b> <b>MEGA 360 and MDI/2D Y-Cable</b> 14 M360 2DDI Y [P/N 720108-1]	
<b>10</b>	<b>MEGA 360 Imaging – Ultrex</b> [P/N 411250-1]

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# NETWORKING

## 3 MFDs + ADVANCED SONAR + MINN KOTA® TROLLING MOTOR



## RIGGING PARTS LIST

<b>ETHERNET</b>	<b>MFD #1 (With MSI Transducer)</b> APEX Models XPORE Models SOLIX G3 Models	<b>MFD #2-3 (Control Head Only)</b> APEX CHO Models XPORE CHO Models SOLIX G3 CHO Models
	<b>5-Port Ethernet Switch (2 Required)</b> AS ETH 5PGL [P/N 411850-1]	
	<b>Ethernet Cables</b>	
3	AS EC 5E (5') [P/N 720073-6] AS EC 10E (10') [P/N 720073-2] AS EC 15E (15') [P/N 720073-5]	AS EC 20E (20') [P/N 720073-3] AS EC 30E (30') [P/N 720073-4]
4	<b>MEGA Live 2 Forward-Facing Sonar</b> [P/N 710310-1] Includes: (1) 20' Ethernet cable	
5	<b>Minn Kota Ultrex Trolling Motor with Built-in MEGA Imaging</b> Includes: (1) 30' Ethernet extension cable	

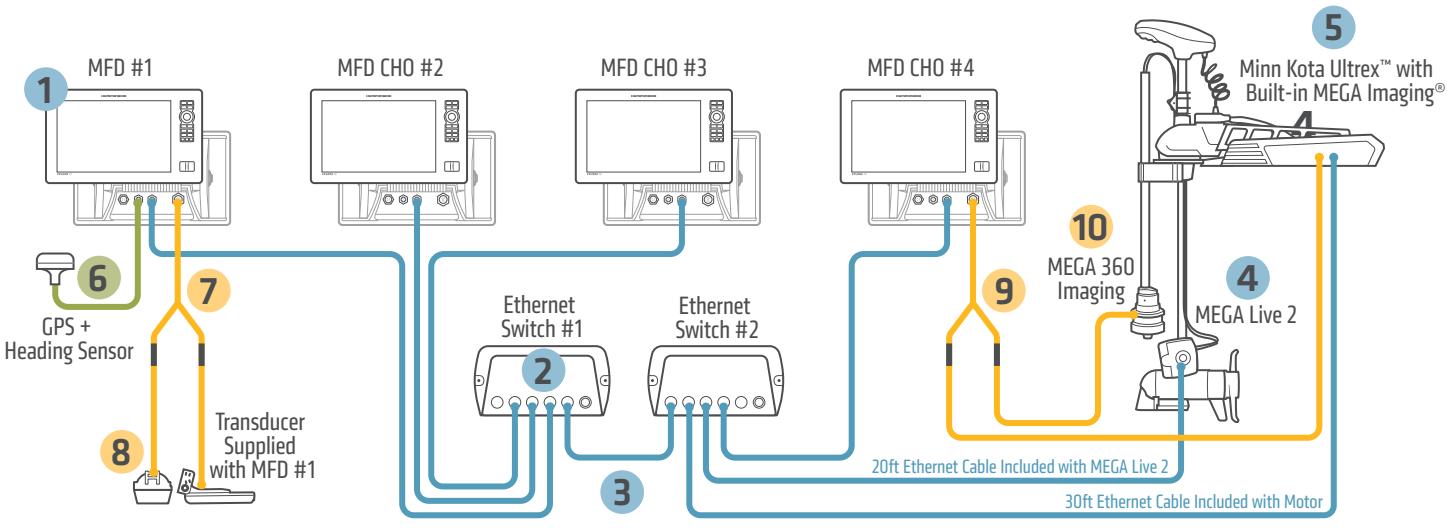
<b>NMEA</b>	<b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
6	<b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
<b>SONAR</b>	<b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]
	<b>2D High-Speed Transducer</b> (aluminum hull) XNT 14 HW T [P/N 710285-1]
8	<b>MEGA 360 and MDI/2D Y-Cable</b> 14 M360 2DDI Y [P/N 720108-1]
9	<b>MEGA 360 Imaging – Ultrex</b> [P/N 411250-1]
10	

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# NETWORKING

## 4 MFDs + ADVANCED SONAR + MINN KOTA® TROLLING MOTOR



## RIGGING PARTS LIST

1	<b>MFD #1 (With MSI Transducer)</b> APEX Models XPLORE Models SOLIX G3 Models	<b>MFD #2-4 (Control Head Only)</b> APEX CHO Models XPLORE CHO Models SOLIX G3 CHO Models
	<b>5-Port Ethernet Switch (2 Required)</b> AS ETH 5PGL [P/N 411850-1]	
<b>Ethernet Cables (2 Required)</b>		
3	AS EC 5E (5') [P/N 720073-6]	AS EC 20E (20') [P/N 720073-3]
	AS EC 10E (10') [P/N 720073-2]	AS EC 30E (30') [P/N 720073-4]
4	<b>MEGA Live 2 Forward-Facing Sonar</b> [P/N 710310-1] Includes: (1) 20' Ethernet cable	
5	<b>Minn Kota Ultrex Trolling Motor with Built-in MEGA Imaging</b> Includes: (1) 30' Ethernet extension cable	

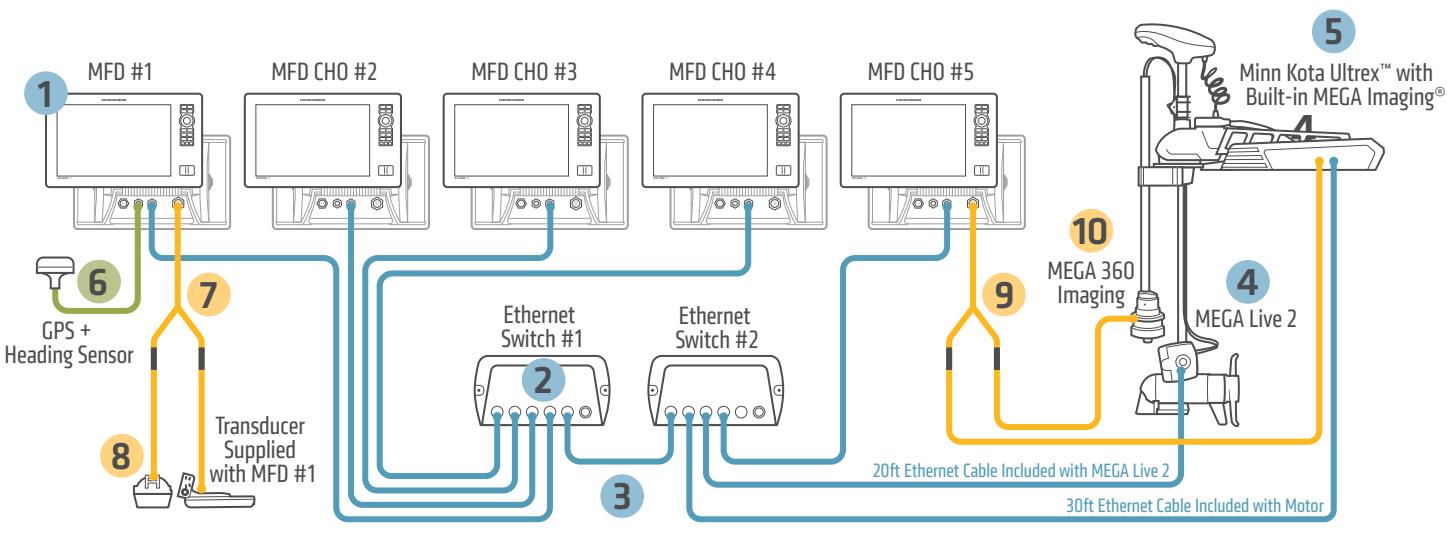
NMEA	<b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
7	<b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
8	<b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]
	<b>2D High-Speed Transducer</b> (aluminum hull) XNT 14 HW T [P/N 710285-1]
9	<b>MEGA 360 and MDI/2D Y-Cable</b> 14 M360 2DDI Y [P/N 720108-1]
10	<b>MEGA 360 Imaging – Ultrex</b> [P/N 411250-1]

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# NETWORKING

## 5 MFDs + ADVANCED SONAR + MINN KOTA® TROLLING MOTOR



## RIGGING PARTS LIST

1	<b>MFD #1 (With MSI Transducer)</b> APEX Models XPORE Models SOLIX G3 Models	<b>MFD #2-5 (Control Head Only)</b> APEX CHO Models XPORE CHO Models SOLIX G3 CHO Models
	<b>5-Port Ethernet Switch (2 Required)</b> AS ETH 5PGL [P/N 411850-1]	
2	<b>Ethernet Cables (2 Required)</b>	
3	AS EC 5E (5') [P/N 720073-6] AS EC 10E (10') [P/N 720073-2] AS EC 15E (15') [P/N 720073-5]	AS EC 20E (20') [P/N 720073-3] AS EC 30E (30') [P/N 720073-4]
4	<b>MEGA Live 2 Forward-Facing Sonar</b> [P/N 710310-1] Includes: (1) 20' Ethernet cable	
5	<b>Minn Kota Ultrex Trolling Motor with Built-in MEGA Imaging</b> Includes: (1) 30' Ethernet extension cable	

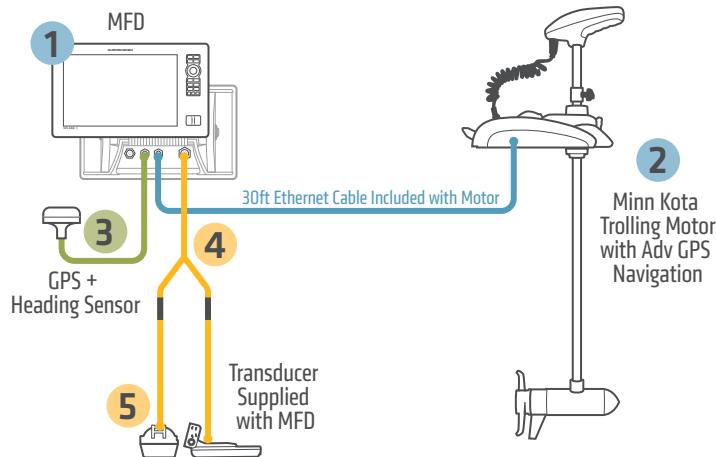
<b>NMEA</b>	<b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
6	<b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
7	<b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]
	<b>2D High-Speed Transducer</b> (aluminum hull) XNT 14 HW T [P/N 710285-1]
8	<b>MEGA 360 and MDI/2D Y-Cable</b> 14 M360 2DDI Y [P/N 720108-1]
9	<b>MEGA 360 Imaging – Ultrex</b> [P/N 411250-1]
10	

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# NETWORKING

## 1 MFD + MINN KOTA® TROLLING MOTOR



## RIGGING PARTS LIST

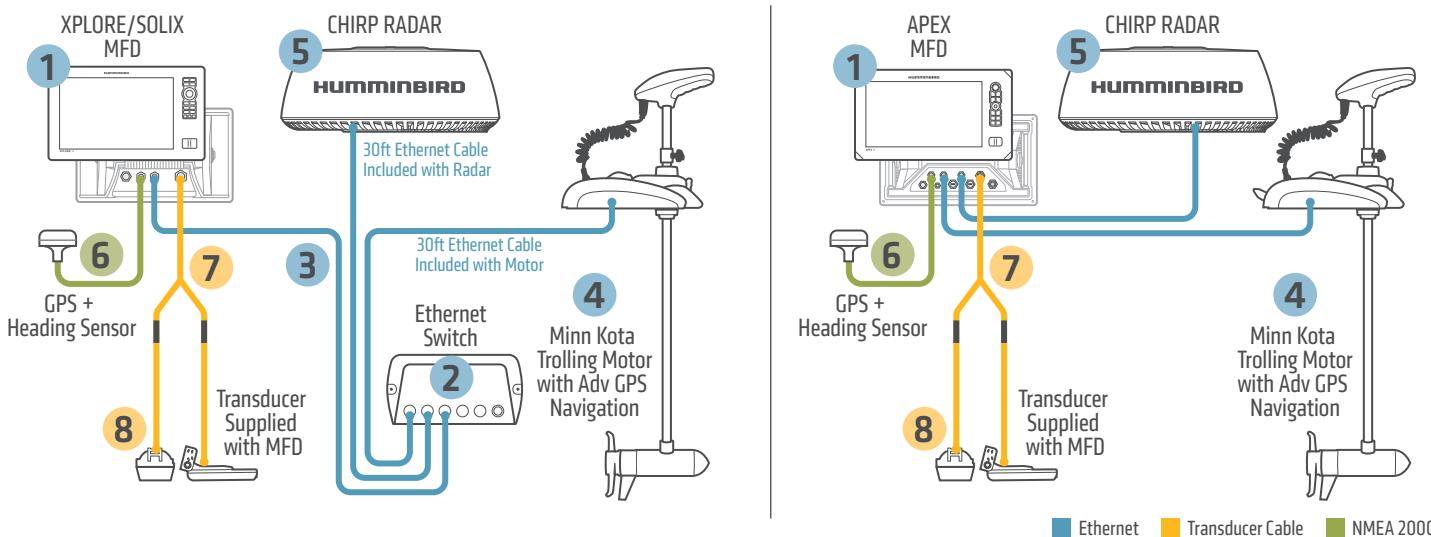
<b>1</b> <b>ETHERNET</b> <b>MFD (With MSI Transducer)</b> APEX Models XPORE Models SOLIX G3 Models	<b>3</b> <b>NMEA</b> <b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
<b>2</b> <b>Minn Kota Ultrex™ Trolling Motor with Built-in MEGA Imaging®</b> Includes: (1) 30' Ethernet extension cable	<b>4</b> <b>SONAR</b> <b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
<b>5</b> <b>SONAR</b> <b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]	<b>2D High-Speed Transducer</b> (aluminum hull) XNT 14 HW T [P/N 710285-1]

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# NETWORKING

## 1 MFD + MINN KOTA® TROLLING MOTOR + RADAR



## RIGGING PARTS LIST

<b>ETHERNET</b>	<b>1</b> <b>MFD (With MSI Transducer)</b> APEX Models XPORE Models SOLIX G3 Models
	<b>2</b> <b>5-Port Ethernet Switch (Required for XPORE &amp; SOLIX Only)</b> AS ETH 5PGL [P/N 411850-1]
	<b>3</b> <b>Ethernet Cables (1 Required for XPORE &amp; SOLIX Only)</b> AS EC 5E (5') [P/N 720073-6]      AS EC 20E (20') [P/N 720073-3] AS EC 10E (10') [P/N 720073-2]      AS EC 30E (30') [P/N 720073-4] AS EC 15E (15') [P/N 720073-5]
	<b>4</b> <b>Minn Kota Trolling Motor with Adv GPS Navigation</b> Includes: (1) 30' Ethernet extension cable
	<b>5</b> <b>CHIRP Radar</b> HB 2124 CHIRP Radar [P/N 750013-1]

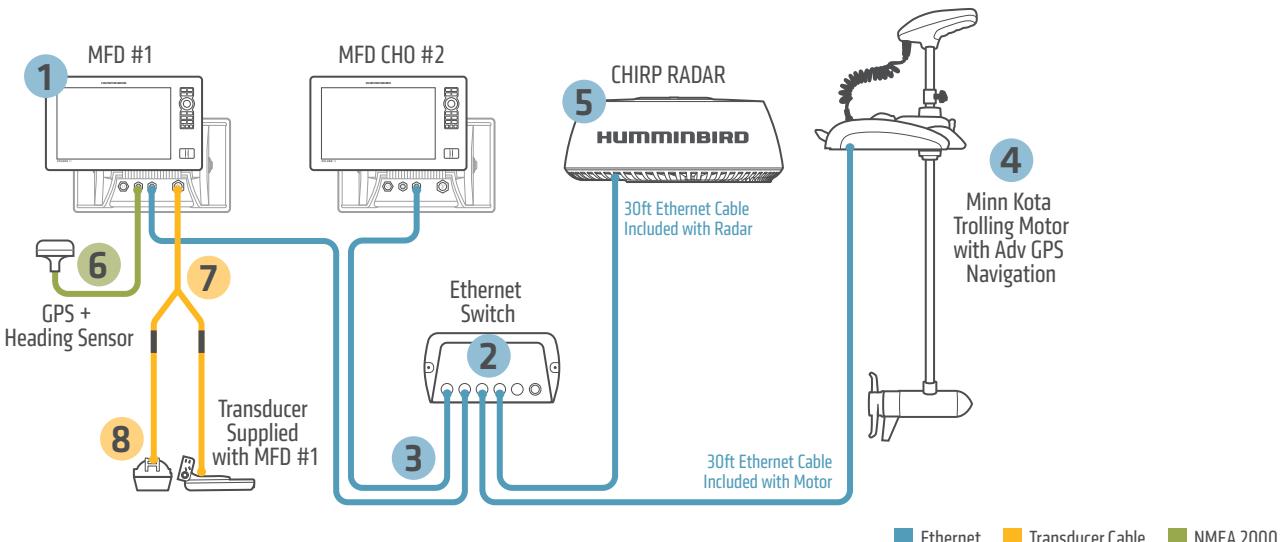
<b>NMEA</b>	<b>6</b> <b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
<b>SONAR</b>	<b>7</b> <b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
<b>8</b>	<b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]
	<b>2D High-Speed Transducer</b> (aluminum hull) XNT 14 HW T [P/N 710285-1]

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# NETWORKING

## 2 MFDs + MINN KOTA® TROLLING MOTOR + RADAR



## RIGGING PARTS LIST

<b>ETHERNET</b>	<b>1</b> <b>MFD #1 (With MSI Transducer)</b> APEX Models XPORE Models SOLIX G3 Models	<b>MFD #2 (Control Head Only)</b> APEX CHO Models XPORE CHO Models SOLIX G3 CHO Models
	<b>2</b> <b>5-Port Ethernet Switch (2 Required)</b> AS ETH 5PGL [P/N 411850-1]	
	<b>3</b> <b>Ethernet Cables</b> AS EC 5E (5') [P/N 720073-6] AS EC 10E (10') [P/N 720073-2] AS EC 15E (15') [P/N 720073-5]	
	<b>4</b> <b>Minn Kota Ultrex™ Trolling Motor with Built-in MEGA Imaging®</b> Includes: (1) 30' Ethernet extension cable	
	<b>5</b> <b>CHIRP Radar</b> HB 2124 CHIRP Radar [P/N 750013-1]	

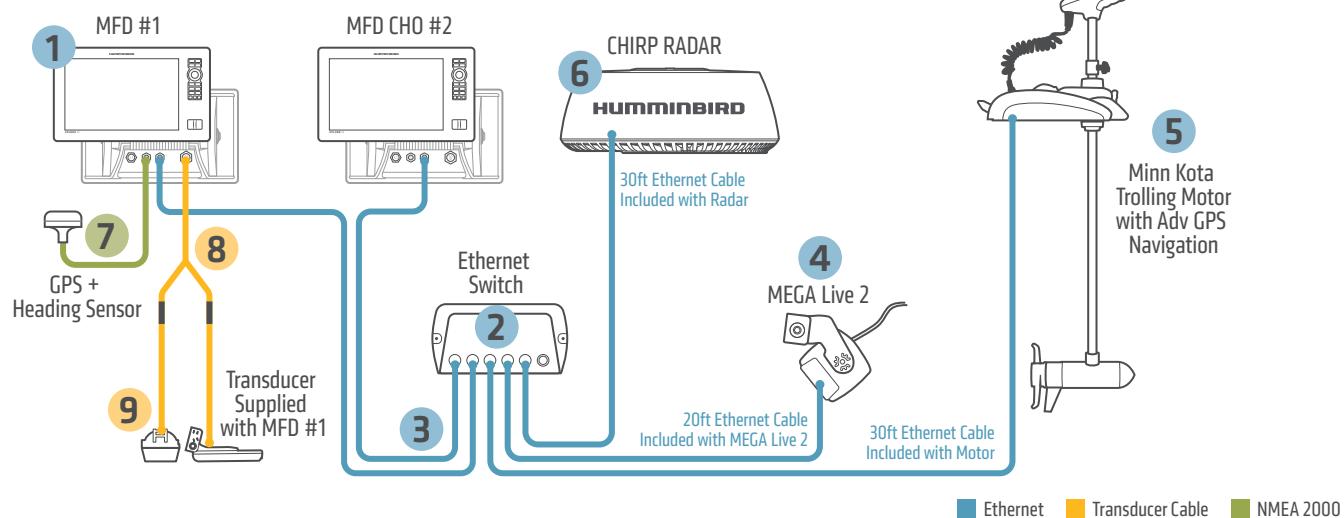
<b>NMEA</b>	<b>6</b> <b>GPS + Heading Sensor</b> AS GPS NMEA 2000® [P/N 730029-1]
<b>SONAR</b>	<b>7</b> <b>Transducer Splitter Cable</b> 14 M ID SIDB Y [P/N 720111-1]
<b>8</b>	<b>2D High-Speed Transducer</b> (fiberglass hull) XP 14 HW T [P/N 710287-1]
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# NETWORKING

## 2 MFDs + ADVANCED SONAR + MINN KOTA® TROLLING MOTOR + RADAR



## RIGGING PARTS LIST

<b>1</b>	<b>MFD #1 (With MSI Transducer)</b> APEX Models XPLORÉ Models SOLIX G3 Models	<b>MFD #2 (Control Head Only)</b> APEX CHO Models XPLORÉ CHO Models SOLIX G3 CHO Models
<b>2</b> 5-Port Ethernet Switch (2 Required) AS ETH 5PGL [P/N 411850-1]		
<b>3</b>	<b>Ethernet Cables</b> AS EC 5E (5') [P/N 720073-6] AS EC 10E (10') [P/N 720073-2] AS EC 15E (15') [P/N 720073-5]	AS EC 20E (20') [P/N 720073-3] AS EC 30E (30') [P/N 720073-4]
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<b>5</b>	<b>Minn Kota Ultrex™ Trolling Motor with Built-in MEGA Imaging®</b> Includes: (1) 30' Ethernet extension cable	
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<b>NMEA</b>	<b>7</b> GPS + Heading Sensor AS GPS NMEA 2000® [P/N 730029-1]
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