

K-ProVision 9S

Quick Installation Manual

Packing List

When you first time open the box of your plotter please confirm you have following items inside the box:

- Display Unit X 1 (including Screen Protection Cover)
- Bracket X 1
- 2 pin Power Cable X 1
- Transparent Protective Cover X 1
- Quick Start Manual X 1
- Quick Installation Manual X 1
- Panel Cutout Template X 1
- EVA Mounting Template X 1
- Spare Fuse X 2
- Bracket Mounting Screws(Stainless Steel) X 4
- Panel Mounting Machine Screws(Stainless Steel) X 4
- Panel Mounting Wood Screws(Stainless Steel) X 4
- Self-tapping Screws X 4
- Hex Nuts X 4
- Washers X 4
- Bracket Locking Knob X 2

Connectivity & Navigation

GNSS: GPS / BeiDou / GLONASS

Power & Environment

Power Supply:	10.5V~31.2V
Working Temperature:	-15 °C to +55 °C
Relative Humidity:	85% at 40 °C
Vibration:	±1 mm (±10%), 2(5) ~ 13.2 Hz
	Max. Acceleration: 7 m/s ² , 13.2 ~ 100 Hz
Brightness:	1000 nits (Maximum)

Sonar Specifications

Sonar Frequency:	SmartVision (CHIRP): 445KHz (high frequency) AccuVision(CHIRP): 83KHz/200KHz (low frequency)
Dual Frequency:	Split-Screen, each occupying half of the display
Zoom:	Bottom Lock; Auto Zoom; Manual Zoom
A-scope:	Real-time display (AccuVision only)
Transmit Power:	445KHz/500W, 200KHz /1000W, 83KHz/1000W

Measuring Range (adjustable in system menu)

Model	Frequency	Depth Range
KTD-TH520	50/200KHz	3 ~ 1000 m
KTD-TM520		
KTD-TM820C	83/200/445KHz	3 ~ 200 m
KTD-TM480S		

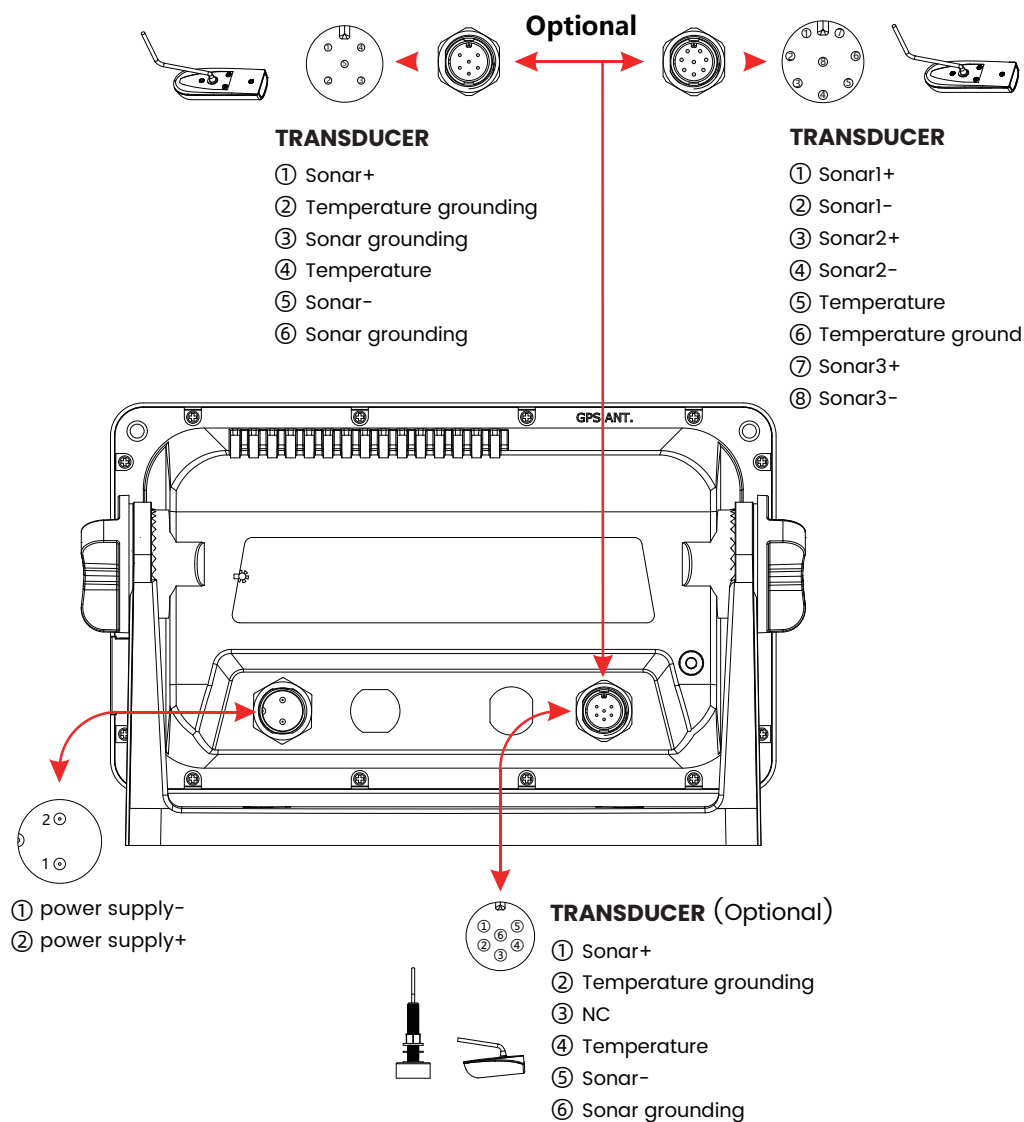
Maps & Memory

Waypoints:	Up to 12,000 (with symbols or names); 10 most recent displayed
Routes:	Up to 30 routes, 170 waypoints per route
Current Track:	1 active track, up to 8,000 points
Saved Tracks:	Up to 10 tracks, 8,000 points each, 21,000 points total
Firmware Update:	Firmware Updates via SD Card

Zoom Range

Bottom Lock:	Meters: 5 ~ 20 Fathoms: 2 ~ 10 Feet: 10 ~ 40
Auto Zoom / Bottom Zoom:	x2, x3, x4, x6 (Automatically adjusts range and sensitivity)
Manual Zoom / Marker Zoom:	x2, x3, x4, x6
Picture Advance Speed:	10, 8, 6, 4, 2, 1, 0.5, 0.2, 0.1
Interference Rejection:	suppress unwanted signals
Alarm:	bottom alarm, fish alarm, and temperature alarm, gps alarm, water depth alarm, shallow water alarm

K-ProVision 9S Interconnections



For more details please download the full manual from <http://www.onwamarine.com>

All specifications are subject to change without further notice!

 Please consider the environment before printing the manual

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.