



Advanced Menu Guide

OUTLAND ROV 1000, 2000 & 2500

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Advanced Menu

The Advanced menus is used for advanced setup of the ROV.

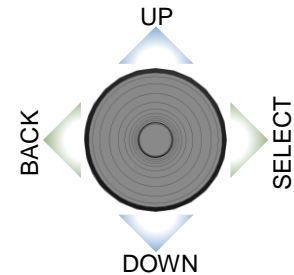
Menu Navigation

Keyboard

1. Press S to enter the setup menu
2. Press A to enter the advanced menu
3. A warning will be displayed, press Y to continue or N to return to the setup menu
4. Advanced Menu is now displayed

Console 4 Way Switch

1. Press down to display main menu
2. Press down to enable selection cursor
3. Move cursor to Setup and press select to enter Setup Menu
4. Select the Advanced Menu and select Y to continue or N to return to the setup menu
5. Advanced Menu is not displayed



Note: The switch function is the same for all menus.

Menu Options

1. Configure Type 4 Data Lines

Use this menu to configure the two extra twisted pairs available in the ROV cable.

1.1. Select Spare line to configure

```

Configure Type 4 Data Lines

1: Spare Line 1 - Video 1
2: Spare Line 2 - Video 2

Select number to configure output.
  
```

```

Advanced Configuration Menu
(Type 4 ROV Detected)

1: Configure Type 4 Data Lines
2: Configure Camera Links
3: Restore Factory Configuration

4: Configure Type 3 ROV Data Line
5: RS232 Protocol
6: HV Outputs
7: Thruster Map
8: Send Manual Command
  
```

```

Select Function for Spare 1

1: Video
2: Port 1/CP (DB9)
3: Port 1 (USB)

5: Port 2 (DB9)
6: Port 2 (USB)

0: Disconnect
  
```

- 1.2. Select desired function. Spare 1 and 2 can connect to either video or a twisted pair. The DB9 option connects to the DB9 connector and provides a twisted pair for external connection. The USB option converts the differential twisted pair to USB.

```

Configure Camera Links

Select Video Channel

1: Video 1 -- Linked Channel 1
2: Video 2 -- Linked Channel 2
3: Video 3 -- Linked Channel 3
4: Video 4 -- Linked Channel 4
5: Video 5 -- No Link
6: Video 6 -- No Link
7: Video 7 -- No Link
8: Video 8 -- No Link
  
```

2. Configure Camera Links

Use this menu to configure the camera control links. This allows for a camera to be controlled while a different camera is selected.

- 2.1. Select video channel (1-8) and the linked channel (1-4), or 0 to delete.

3. Restore Factory Configuration

This option will reset ROV and Control Console to setup as received from Outland Technology.

4. Configure Type 3 ROV Data Lines

This option is Option 1 except for Type 3 Vehicles. The type 4 menus will not appear if a Type 3 vehicle is connected. The type of vehicle can be verified by looking at the text on the Advanced Menu Screen below the top heading.

```

RS232 Protocol

1: NMEA (4800 Baud)
2: External Control
3: Outland Debug
4: Software Update (Selected)
5: Custom Output
0: Off
    
```

5. RS232 Protocol

Use this option to active the RS323 port on the back of the Control Console. Contact outland for protocol details.

6. HV Outputs

Use this menu to enable/disable thrusters. Select thruster number to toggle if enable or disabled.

```

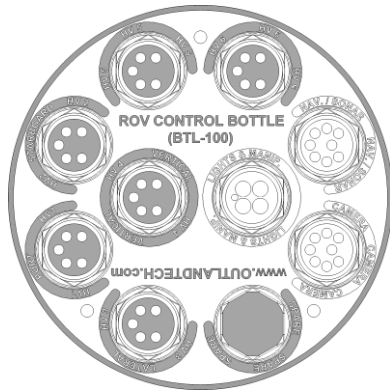
HV Output Menu

HV Output          Status
-----
HV Output #1(Port)  Enabled
HV Output #2(Star)  Enabled
HV Output #3(Lat)   Enabled
HV Output #4(Vert)  Enabled
HV Output #5(Tool)  Enabled
HV Output #6(Lat#2) Enabled

Select HV Output number to toggle
state. [1-6]
    
```

7. Thruster map

This menu selects the thruster map. Choose the ROV bottle connection number and select the desired thruster function, e.g. port, vertical, etc.



```

Thruster Function Menu

Thruster 1: Port
Thruster 2: Starboard
Thruster 3: Lateral
Thruster 4: Vertical
Thruster 5: Tool
Thruster 6: Lateral #2
Thruster 7: Off
Thruster 8: Off
[R] Restore to factory.

Select Thruster number to change
function
    
```

8. Send Manual Command

This option allows for commands to be sent to a specific device. Contact Outland for additional information.

```

Send Manual Command

Do not use this feature unless
instructed to do so!

#####
    
```