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CE-VGA-CVI TOPSIDE CONTROLLER



The CE-VGA-CVI Topside Control Panel is designed to operate Chamber Monitor, Chamber Camera and a single channel full duplex Comms channel via Headset. The Topside Controller is incorporated with a VGA Launch Amplifier which allows the Diver to view very high resolution video images directly from the computer. A feed through for the Computer Monitor is also incorporated. Although the USB Keyboard is not fed through the Controller, it is still part of the System. The CE-VGA-CVI also feeds power to the Chamber Camera (CC-412L).

There are five control knobs as seen above. Starting from the left :

Mains On/Off Switch – If rotated clockwise, the green LED will illuminate thus indicating the Controller is active and supplying power and video information to the Monitor.

Camera On/Off Switch - If rotated clockwise, the green LED will illuminate thus indicating the Power to the Camera has been activated and if the Topside Monitor is plugged in, video will be seen.

Comms On/Off Switch - If rotated clockwise, the green LED will illuminate thus indicating the Comms PCBs have been activated. Also audio signal from the Diver’s Microphone can be heard on the Topside Monitor. Communication can take place via the Headsets.

Divers Volume – If rotated clockwise, the volume from the Divers Microphone will increase to the Tender. If rotated anti-clockwise, the volume to the Tender will decrease. Set for comfort. (The Comms System is designed for Headset to Headset communication).

Tender Volume - If rotated clockwise, the volume to the Divers Headphones will increase. If rotated anti-clockwise, the volume will decrease. Set for Diver’s comfort.

The Topside Controller will accept any AC voltage from 90-240V AC @ 50/60Hz. In the euro plug there is a spare fuse in the holder. For interconnection see Block Diagram.



BACK CONNECTION OF CONTROLLER