Rackmount schematic

This schematic explains how the different Novasub rackmount units are to be connected to use them with all functionality. All units need a power connection in addition to the connections in this schematic. The connections with a * are to be connected for each diver separately.

V3.0

Monitor

Monitor

Monitors
2 monitors can be connected. The main monitor is to be connected on Displayport 1 and the second with Displayport 2. These can also be third-party monitors

USB-B – USB-A
connection used for the touchscreen on the monitor

THETIS-R1 | Diver Radio

THALLASA-R1 | Recorder

Kratos-R1 | Camera & light control

RCA-RCA*
connection used for recording communication

NOVABUS
See "Novabus Explaination"

JACK-JACK
connection used for using the radio speaker to hear recording playback

BNC-BNC*
connection used for recording video

Communication*
The communication is connected to the radio

Light*
The light is connected to the camera and light control

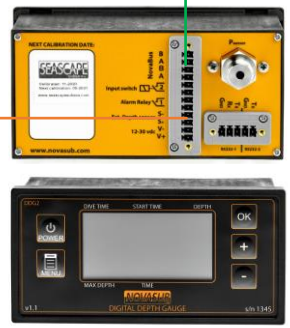
Video*
The camera is connected to the camera and light control

Depth*
The depth sensor is connected to the digital depth gauge if you use one.

The depth sensor is connected to the camera and light control with "depth integration" when you do not use a DDG.

If you do not have a DDG or "depth integration" then you cannot use a depth sensor

Umbilical



DDG | Depth Gauge

NOVABUS Explaination

NovaBus is a BUS connection that is used for sending different digital signals. The connection uses a daisy chain style. This means that the devises are connected in sequence instead of parallel. The ends of this sequence are to be terminated. The camera and light control unit can be set as terminated in the DVR3 software. This means the sequence should be configured like this: