



NOVASUB Surface control unit 2 diver radio with integrated camera and light control.

The Novasub diver communication radio is based on the latest electronic technology and is specially designed for an outstanding diver and surface sound quality. The unit is standard fitted for a 2 diver connection and has a built in LED light and video transmission over twisted pair or coax controller for camera and light.

Features

- 2 and 4 wire communication
- Automatic battery charger and conditioner
- Camera & light control

Options

- Headset with Mic
- Handheld Microphone with PTT
- BOBOX connection (Novasub Break out box for remote comms)
- Panel mount version

The video controller is auto tunable for any cable up to 600 m. The unit has a mains and battery backup. Is powered with a built in smart battery charger and has a battery state condition monitoring. Standard the radio is fitted with a volume controllable external speaker amplifier. Both diver's and tender voice are heard on the external speaker.

The SCU-2DRVL series have the latest audio electronics for superior audio both at the diver and tender end. The built in Microphone makes it able to have a crystal clear audio at the diver end. The system works both with 2 and 4 wire. In 4 wire comms you can also select full duplex comms, no PTT pressing is needed. In 4 wire mode the divers can speak to each other while the Tender can listen in. The Tender can speak to the divers's by pressing the PTT. In 4FD mode the tender does not have to press any PTT and can speak and listen to the both divers. Just like a normal telephone conversation.

**works only with 4 wire comms*

The unit also has a NovaBUS (rs485) connection to interface with other Novasub systems, like the SCU-DVR2 or DDG. The Novabus makes it possible to share data and control camera and light from the SCU-DVR2 recorders or NSDVRsoft, video recording&control software



Specifications

Controls	: Main power ON/OFF, Diver & Tender volume, Speaker ON/OFF, PTT, Camera ON/FF, Light ON/OFF with dimming, 2 & 4 wire Half duplex and Full duplex, External speaker volume. Cross-Talk switch.		
Power supply	: 100-240 vac, 100 watt		
Isolation transformer	: 1:1 speaker isolator for diver and tender		
Rechargable battery	: 24 vdc Lead-Acid 7 Ah battery with battery condition monitoring LED's		
Battery lifetime	: 10 hours, average. (comms only), 0,5 hrs camera & lights.		
Light control	: 0-100 % dimmable light control for the Novasub Lux3R or 6R and up to 30 watt halogen 12v lights		
Video transmission	: Video amplifier for video transmission over twisted pair or Coax, automatic cable length and type adjustments up to 600 m of cable.		
Dimensions	: 19" 3U high – 350 mm deep (excluding connectors)		
Connections			
Audio out (1&2)	: 2x RCA (Cinch) Per channel	Audio Out	: 1x RCA (Cinch) both Divers and Tender
Headset/Mic	: Bulgin 8pin, audio out, Mic in, PTT	Video out	: 2x BNC per channel
Data in (optional)	: Data in from DDG or other sensor to overlay of SCU video units	Ext. speaker	: 2x Banana screw sockets
BOBOX	: External Comms box		
Power in	: IEC C14 mates with C13	Diver comms	: 2x2 Banana socket per channel
Umbilical connector	: 2x UTS-10p Multi pin circular connector, comms, camera and light	NovaBUS	: 2 wire data bus for data & controls between other SCU, SCC units

Related Products:

- NSBCB camera's
- LUX lights
- SCU-DVR2
- BoBox

Distributed by: