

3 Channel Diver Radio



Introduction

JFD have added to their existing range of communications products by designing a 3 Channel Diver Radio which provides superior quality communications between up to 3 divers and the dive supervisor.

The diver radio is battery operated and houses two batteries and a three stage smart battery charger within the case. The inbuilt batteries will provide in excess of 10 hours constant communication between the supervisor and three divers and the three stage smart charger will charge the batteries from a fully discharged state in approximately four hours. A battery monitor provides a visual indication of the battery status at all times when the power switch is in the on position.

The diver radio supports 3 channels which are Diver 1, Diver 2 and Diver 3. Each Diver channel has industry standard banana sockets for connection of the diver's umbilical and both 2 wire and 4 wire comms can be used. When using two wire comms the umbilical is plugged into the red (microphone) socket only and when using 4 wire comms the umbilical is plugged into both the red (microphone) sockets and the black (headphones) sockets. Individual microphone gain controls for each diver allow the use of a wide range of diver headsets.

Diver Round Robin is also available which allows diver to diver communications, this is selected by switching the Diver R-R switch to the on position.

The supervisor can choose between using the hand held microphone & panel speaker or switch to headset only. When the speaker switch is in the on position comms to the speaker can be heard and the supervisor will use the hand held mic PTT to talk to the divers. When the speaker switch is in the off position a headset with an in line PTT switch can be used. A panel mic is also available for use if the hand held mic or headset are not available. The volume to the panel speaker or supervisor headset is controlled by the supervisor volume pot.

The supervisor can choose to communicate with each diver individually or to all at the same time. The diver select switch is used to select which diver the supervisor is communicating with, either Diver 1, Diver 2, Diver 3 or all can be chosen.

The record out socket can be used as an output to a recording device.

Features include:

- Housed in the acclaimed Storm Peli Case.
- In excess of 10 hours usage before charging is required.
- Quick charge time.
- Custom battery monitor providing constant battery status.
- Selector switch for choosing individual or all diver communications.
- Individual volume and microphone gain controls allow full control of signal levels.
- Single or double earpiece headsets, panel mic/speaker and hand held mic options.
- Diver to Diver communications.
- 2 or 4 wire operation.





Specification

General	
Battery Voltage	12 VDC
Operating Time	10 hours from single charge
Mains Charger Voltage	90-264 VAC, 47-63 Hz
Power Output	6.25 Watts per channel (4 ohm load)
Frequency Response	300 Hz to 12 kHz
Input Impedance	150 ohms, transformer isolated
Audio Recording	Line level output

Connectors	
Divers	4mm banana sockets, 2 or 4 wire selectable
Supervisor Headset	7 pin socket
Recording Output	Phono socket

Dimensions	
Height	295 mm
Width	360 mm
Depth	160 mm
Weight	6.9 kg

Environmental	
Operating & Storage Temperature	0~40°C
Ingress Protection	IP65



Order Codes

3 Channel Diver Radio supplied
with handheld mic
CO373AA

Supervisor Headset
CO643