



World leaders in diving equipment technology

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Divex / AGA Communication Kits are specially designed to provide efficient and reliable two-way wire communications between surface and diver or diver to diver via the surface, when fitted to Divator II Mask.

The Divex / AGA comms unit consists of a modified mask cover to which a module to house a resin-potted microphone is attached. Leading from the external part of this housing is a Divex 2 or 4 pin RMG connector and a Divex potted earphone. Installation of the unit is to a Divator mask is by simple removal of the mask cover by hand - unscrewing the retaining screws, and refitting of the comms unit.

The Divex / AGA comms unit is available in a number of wiring configurations. The DD420006 is the most popular, as the 4 pin connector is wired in pairs to provide redundancy for cable breakage. The pin configuration is 1 & 3, 2 & 4 for pairing.

The DD420007 has the 4 pin connector wired for round-robin connectors in which each wire is connected to an independent pin. The pin configuration is 1,2,3,4.

A 2 pin version is available in which the pairing of the microphone and earphone wiring is as in the DD420006 model. These units are ideal for use with the Divex Rope / Comms assemblies.

The earphone is a sensitive bone conductor type and is fitted into a Neoprene pouch which is separated between two of the mask's head straps.

Divex / AGA Accessories

A 4-Pin Divex waterproof connector is fitted as standard and can be used as simplex or duplex. The most commonly used version is simplex which has pairings of two wires in the 1 & 3, 2 & 4 configuration. This offers redundancy if one connector breaks.

Divex / AGA Divator II Manifolds with Non Return Valves: when the Divator Mask is used with a surface-supplied umbilical it is essential that a one-way valve is fitted to the mask to protect the diver from any suction if the umbilical hose fails. The Divex One-Way Valve Manifold Assembly is a swivel valve assembly which automatically shuts-off in the event of any negative pressure differential from mask to ambient pressure. Normal routine would be for the diver to then transfer to another regulator and gas supply.

Divex have designed and manufactured both single and double inlet manifolds for use with Interspiro AGA Divator Mk II facemasks.

Single Manifold with Non-Return Valve (No Bailout): A 90 degree swivel to fit AGA Divator Mk II facemask. Main inlet fitting $\frac{9}{16}$ " bullnose male or $\frac{9}{16}$ " UNF 'O' ring seal.



DE-MDS-618 R0

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Double Manifold with Non-Return Valve

(With Bailout): This manifold permits the attachment of either 2 regulated scuba supplies or a surface supply, and a bailout supply. A 90 degree swivel to fit AGA Divator Mk II Facemask. Main inlet fitting 9/16" bullnose male. Bailout fitting 9/16" UNF 'O' ring seal. A one-way valve is fitted to both inlet fittings, as shown in the diagram, the LP supply and bailout supply.

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AGA Comms with 2 PIN Connector Simplex
Order Code DD420005
AGA Comms with 4 PIN Connector Simplex
Order Code DD420006
AGA Comms with 4 PIN Connector Duplex
Order Code DD420007
Single Manifold With Non Return Valve (No Bailout) 9/16 Bullnose
Order Code DD020104
Single Manifold With Non Return Valve (No Bailout) 9/16 UNF O ring Seal
Order Code DD020105
Double Manifold With Non Return Valve (With Bailout)
Order Code DD020102

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