



Programming Dongle DGL-1

Artex Products

The most important thing we build is trust



- Designed specifically for fleet operators
- Existing C406-1/2, G406-4 and B406-4 installations are easily upgraded
- Greatly simplifies maintenance and reduces downtime
- Installation becomes part of the permanent AC harness
- Hardwire option for fleet aircraft identification
- Ensures correct ELT programming for spares

Artex Quality • Artex Technology • Artex Service
The name is changing, but our commitment is not

Programming Dongle DGL-1

Technical Specifications



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Designed Specifically for Fleet Operators

The Artex Products DGL-1 Programming Dongle allows the operator to easily program the aircraft 24-bit (Standard Message Protocol) address into a compatible ELT. Fleet operators will be able to transfer ELTs between aircraft in a very efficient and convenient manner. The DGL-1 comes attached to a top cover. The top cover and dongle remain with the aircraft.

Automatic Programming Capability

When an ELT is installed, the DGL-1 reprograms the ELT with the aircraft's 24-bit address. DGL-1 is a perfect match for the operator who wants auto programming capability but does not desire the position data function of the Artex ELT/NAV Interface.

Reduces Maintenance Downtime

The operation of the dongle is fully automatic. When aircraft power is applied, the DGL-1 verifies that the ELT is programmed to the 24 bit address stored in the dongle. If the addresses match, the DGL-1 shuts down. If there is not a match, the DGL-1 reprograms the ELT to the 24-bit address stored in the dongle and then shuts down.

Technical Specifications

Input Power

+28 Vdc +/- 10Vdc

Output Power

5.6 Vdc +/- 0.3 Vdc
(powers ELT for reprogramming only)

Temperature

Operating: -20°C to +55°C
Storage: -55°C to +85°C

Weights

DGL-1: 6 oz Max (170 g)
Protective Top Cover: 6.7 oz (190 g)
Total Weight: 11.5 oz (360 g)

Measurements

2.5" (64mm) W x I: 6.1" (155mm) L

System Part Numbers

Crimp Terminal: 151-6627
Mounting Screw (6-32 x 5/16): 201-6324-01
Protective Top Cover: 452-3052-03
Installation Kit: 455-4010
DGL-1 Dongle: 453-4010
Installation Kit: 455-4010
Wire Harness: 611-4010
Heat Shrink Splice: 610-1744-01

Compatible with the following Artex ELT Models

110-406 NAV, 110-406HM NAV, 110-406ED NAV, B406-2, B406-4
C406-1, C406-1HM
C406-2, C406-2HM
G406-1, G406-2, G406-4

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