

Mask Light Dynamic Mic



Integrated Light Source, Uncompromised Safety

The Gentex Mask Light Dynamic Mic provides an essential source of supplemental cockpit lighting for the Gentex High Altitude/Low Profile (HA/LP) Oxygen Mask and the Gentex MBU-20/P Oxygen Mask product line. The aviation accessory for today's warfighter is a fully integrated compatible light source suitable for use during night flight operations, including those that require the use of Night Vision Goggles (NVGs). Rated and approved Safe-to-Fly by the U.S. Air Force, the Gentex Mask Light Dynamic Mic allows aircrew to read maps, charts, checklists, and cockpit instrumentation without compromising safety, enhancing situational awareness.

KEY FEATURES

Designed for Ease of Use

A hands-free on/off operation via lip/tongue switch mounted to the microphone inside the oxygen mask makes the Gentex Mask Light Dynamic Mic easy to use. An external switch, which also acts as a Built-In Test (BIT) indicating battery life, offers brightness adjustment in-flight with four levels of the Light Emitting Diode (LED) brightness intensity.

Tested and Approved

The single white LED and filter used by the Gentex Mask Light Dynamic Mic meets the requirements outlined in MIL-STD-3009, Night Vision Imaging System (NVIS) Compatible Aircraft Lighting specification.

Simple Installation

No modifications to the oxygen mask are required, making installation quick and simple. A full technical maintenance manual is also available.

Fully Integrated

Seamless integration of dynamic microphone and lip light into the Gentex MBU-20/P, MBU-20A/P, and G010-1280, G010-1290, G0101190 and G010-1360 HA/LP Oxygen Masks. A retrofit kit replaces existing microphone assembly and communications cords.

Reliable Power Supply

Two CR2 photo cell batteries, which are commonly available, offer more than 40 hours of continuous use. The unit is sealed to protect from the external environment.

Best-in-Class Lighting Solution

Unparalleled level of safety for aircrew protection. Windblast and ejection seat sled tested to +600 KEAS to ensure the mask light will not be dislodged and become a dangerous projectile during emergency situations. The mask light is fully integrated into the oxygen mask to reduce the risk of snagging.

Part Number	Description	NSN
G030-1500-01	Mask Light Assembly	6220-01-620-1410
G030-1540-02	Battery Pack Assembly	6130-01-620-1408
G030-1510-01	External Assembly, Mask Light	6220-01-621-4540
G030-1530-01	Internal Assembly, Mask Light	6220-01-620-1407
G030-1570-02	Communication Cord, Mask Light	5995-01-620-1411
G030-1575-02	Communication Cord Extension	5995-01-620-1406
G012-1034-02	Cable Guide Upper	5340-01-439-1315
G030-0005-01	Cover, Switch	5930-01-667-0961
G030-1533-01	Switch, Lever	5930-01-667-6001
MS51957-142B	Screw Pan Head	5305-01-690-1355

Contact Us

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