

PILOT SYSTEM INTEGRAL HELMET G3 (PNR)

REF: E110-0 21-09-16

INSTALLATION INSTRUCTIONS

The Lynx Pilot System Helmet G3 is designed specifically for use in light aircraft, ultralight aircraft, helicopters and autogyros.

The helmet is fitted with interchangeable leads and the helmet microphone level can be adjusted for complete compatibility with different intercom and radio systems.

HELMET SIZE:

Lynx Helmets are manufactured in a range of sizes in order to provide individuals with comfortable and securely-fitting head protection. If you are in any way concerned as to the suitability of the size of helmet supplied to you, do not hesitate to contact Lynx for advice.

VISOR:

The helmet can be used with or without a visor attached. For open-cockpit applications however, the fitting of a visor is recommended.

The visor tension may be adjusted using the supplied T20 Torx key.

When installing a new visor make sure that all of the visor attachment components are fitted in the correct order as shown below.

WARNING:

The visor fasteners are coated with a locking compound which is only intended to be used once. Always use new fasteners when installing a new visor.



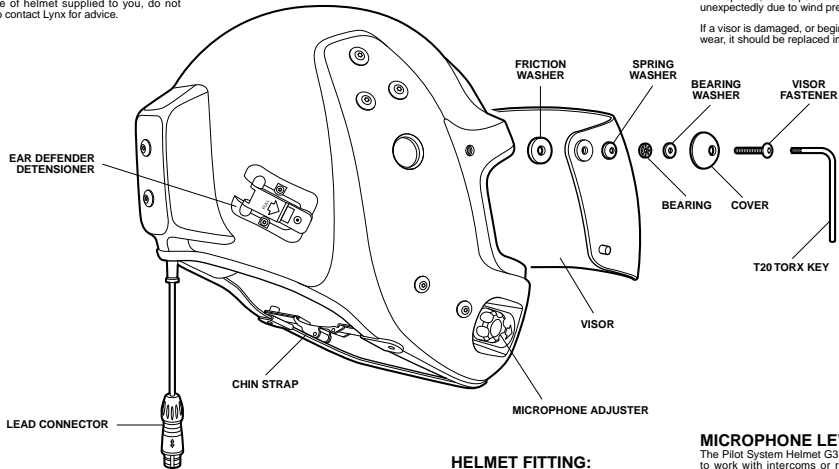
VISOR CARE:

The visors supplied for fitting to Lynx Pilot System Helmets are not guaranteed shatterproof and are only intended to protect the face and eyes from the elements and small flying objects.

The visor is manufactured from Lexan Polycarbonate and can be severely damaged by the application of paint, adhesive stickers, cleaning fluids and other solvents. Use only warm water and mild detergent to clean the visor and a soft cloth to wipe it dry.

Care should be taken when using a helmet fitted with a visor, and looking over the shoulder in high wind speeds, as it is possible that a visor may lift unexpectedly due to wind pressure.

If a visor is damaged, or begins to show signs of wear, it should be replaced immediately.

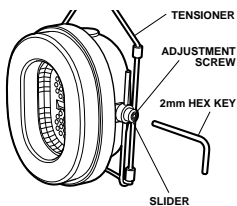


HELMET ADJUSTMENT:

The position of the ear defenders is adjustable to allow for variations in head shape and size.

Adjustment is made using sliders at the connection between the tensioner system and the ear defender.

The resistance of the sliders can be set using a 2mm hexagon key so that they are adjustable in use or locked in position.

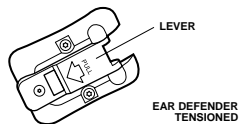


The simplest means of fitting correctly is to place the helmet on the head and then slide the ear defenders downwards until they completely cover the ears.

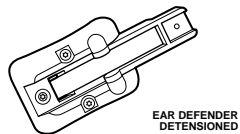
To obtain the best possible noise attenuation, remove as much hair as possible from beneath the ear seals and ensure that the ear defenders are a tight and comfortable fit.

DETENSIONERS:

The helmet ear defenders are designed to seal around the ears using spring pressure. The sealing pressure may be reduced when fitting and removing the helmet using the detensioner mechanism on each side of the helmet.



To fit the helmet, move the detensioner levers to the rear. Once the helmet is in position, move the detensioner levers forward and the ear defenders will seal around the ears. Reverse this procedure when removing the helmet.



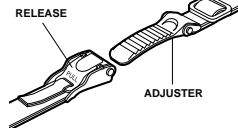
The ear defender may be detensioned at any time to allow normal hearing whilst wearing the helmet.

HELMET FITTING:

The helmet should be fitted, adjusted and maintained in strict accordance with the information in this instruction sheet.

It is also important to make sure that the helmet is positioned on the head so that it fully protects the forehead; do not place the helmet too far to the back of the head.

The chin strap should be adjusted to fit the helmet to each individual user. Always make sure that the chin strap is correctly adjusted and securely fastened before use.



HELMET CARE:

The Pilot System Helmet G3 is made to absorb some of the energy of an impact by partial destruction of its component parts. If a helmet is subject to a violent impact during use, or receives similar abuse, it should be discarded even though damage may not be apparent.

The helmet shell is manufactured from composite with plastic components and the helmet liner from Polystyrene. These substances may be severely affected by the application of paint, adhesive stickers, cleaning fluids and other solvents.

Pilot System helmets should not be stored in temperatures exceeding 40°C (104°F) and they should not be left in direct sunlight for any period of time. Subjecting the helmet to temperatures above 40°C may damage the plastic component parts.

MICROPHONE LEVEL:

The Pilot System Helmet G3 can be configured to work with intercoms or radios that require different microphone levels using a simple switch inside the helmet.

1: Amplified Electret Microphone.

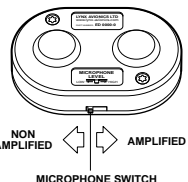
All modern aviation intercoms and radios require microphone inputs which are amplified. This includes the intercom equipment installed in most general aviation light aircraft and helicopters.

This type of equipment may be fitted with twin jack plugs or a single US NATO helicopter jack plug.

2: Non amplified Electret microphone.

Some modern intercoms and radios used in ultralight aircraft and autogyros require microphone inputs which are non amplified.

This type of equipment is usually fitted with a single jack plug or a six pin DIN connector.



To change the microphone level, simply move the selector switch to the appropriate setting.

When the microphone switch is set to the amplified setting the helmet microphone will provide more volume and sound louder to the user.

IMPORTANT

READ THIS INFORMATION CAREFULLY BEFORE ATTEMPTING TO USE THIS ITEM OF EQUIPMENT

