



## INTERCOM USER INFORMATION (SINGLE PTT)

### Flycom Intercom

- This intercom has been designed to be as universal as possible.
- It can be made to interface with all ICOM radios and other makes but may require different patch leads and adjustments to the circuitry depending on the type.
- This black box variant intercom is not waterproof. Although it has been shown to work when wet on the outside due to rain showers this is not recommended and it should be kept dry.
- P1 socket is identified by a red nut. P2 socket is next to P1 socket and is unmarked.
- At the opposite end of the box are two DIN sockets.
- The one opposite the P1 socket is for the patch lead to the radio. The other is for the PTT lead. They have different pin patterns and cannot accept the wrong plugs.
- If audio in/out is fitted, audio in is below P1.

### Power Supply

- Flycom intercoms require a DC supply of 12v to 15v.
- 13.6v is ideal as provided by most good rectifier/regulators. Flycom intercoms have been run from a Key West regulator without a battery although a battery with a 3 amp fuse is recommended.
- Distortion of the audio will occur when the voltage drops below 11v.
- The intercoms will stand an absolute maximum of 22v but your ICOM radio will fail above 15v.
- The intercoms are polarity protected. Your radio probably isn't. Make sure the battery is connected the right way round.

### IMPORTANT

FLYCOM INTERCOMS have fixed volume outputs. They have been designed to work with the FLYCOM flying helmet and the FLYCOM headset which have their own individual volume controls allowing the volume to be turned all the way to zero

Some headsets and helmets of other manufacture do not have this facility

The use of the FLYCOM intercoms with FLYCOM headsets or FLYCOM flying helmets or of headsets or flying helmets of other manufacture is beyond the control of FLYCOM

Users should satisfy themselves that their equipment can control the volume safely.

Using a headset without a volume control with a FLYCOM intercom could be hazardous to your health. Excessive noise has been shown to cause permanent hearing loss

Users should be aware that flying in powered aircraft constitutes a noisy environment. Excessive noise has been shown to cause fatigue and loss of concentration

Fatigue and loss of concentration have been shown to cause serious injuries and death

### FLYCOM AVIONICS LIMITED

Laurence Walter House, Addison Road, Sudbury, Suffolk. CO10 2YW England

T: +44 (0)1273 234 181 E: [jade.hawkes@themelgroup.co.uk](mailto:jade.hawkes@themelgroup.co.uk) W: [www.flycom.co.uk](http://www.flycom.co.uk)

Registered in England: Company no. 04853000