

# TALS

Tactical Approach Lighting System



Aeronautical & General  
Instruments Ltd

## Tactical Approach Lighting System - TALS

With even greater emphasis on the rapid reaction and deployment of forces in today's conflict zones, there is a need for a multi-role Tactical Approach Lighting System. The primary purpose of the system is to indicate landing points, drop zones, route marking, re-fuelling and re-arming points, suitable for both covert and overt operations.

The Tactical Approach Lighting System (TALS) is a field deployable, man portable, solid-state, battery powered lighting system, which can provide both Infra-red and visible light sources. The Light Units can be fully configured and operated via UHF radio remote control, up to a maximum range of 5km, or configured and operated manually. The system has successfully completed rigorous Military testing and is NATO codified.

### Remote Control Unit

The Remote Control Unit can be used to control up to 30 separate groups of lights, with an unlimited number of lights per group. Features that can be controlled remotely include; Lights On or Standby, Selection of Colour, Omnidirectional or Restricted Approach, Brightness Control, Constant Light or Variable Flashing Rates.



### Light Unit

Using high intensity LEDs, each Light Unit has four different light sources, three that are visible to the naked eye (Green/Red/White) as well as an NVG compatible Infra-Red mode. The Remote Control enables the Light Units to be instantly switched between the four light sources.

The Remote Control and Light Units use self-contained high capacity rechargeable batteries and are designed to survive harsh environmental conditions to meet an operating temperature specification of -40°C to + 60°C.



### Battery Charger

The Remote Control and Light Units can be recharged using the Battery Charger; taking 10 hours to complete a full charge. The Charger will accept a wide range of power inputs 85v-265v AC or 9v-36v DC, enabling the Charger to run from a vehicle supply. The Unit has a trickle charge feature, thus removing the need to switch the Charger off at the end of the charge cycle.



### Storage/Carry Case

A typical system consists of 6 Light Units, 1 Remote Control Unit, 1 Battery Charger and 6 mounting spikes. To protect the equipment during storage or when in transit, the system is packaged in a rugged Weatherproof Cordura backpack, where the system may be charged and/or transported in the field.



### About AGI

*AGI is backed by over 30 years of experience in the design, development, manufacture and installation of defence systems and provides full Integrated Logistic Support services, training, installation and documentation.*

*AGI is accredited to International Quality Standards ISO 9001/BS5750 Part I and Tick-IT software procedures.*



**Aeronautical & General  
Instruments Ltd**

Fleets Point, Willis Way, Poole, Dorset, BH15 3SS, UK  
Tel: +44(0)1202 685661, Fax: +44(0)1202 685670, E-mail: sales@agitd.co.uk, Website: www.agitd.co.uk