12 Way Charger

COMHEAD®
PROTECTIVE EAR-TO-EAR COMMUNICATION

A 12 pocket battery charger for 3M™ Peltor™ LiteCom™ Headsets

Made in the UK

COMHEAD®
PROTECTIVE EAR-TO-EAR COMMUNICATION

Innovation **Quality** **Value**

Contents

12 way charging unit either PA or PS model
12 polypropylene place tags
2 metre cable with right angled connector
Certificate of conformity

Information on the disposal of old electrical and electronic equipment and batteries (applicable for EU countries that have adopted separate waste collection systems).

Products and batteries with the symbol (crossed out wheeled bin) cannot be disposed of in household waste. Old electronic equipment and batteries should be recycled at a facility capable of handling these items and their waste by-products.
Contact your local authority for details in locating a recycle facility nearest to you. Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment.

Important Safety Instructions

This document contains important safety and operating instructions.
Please read them carefully before operating the unit.

Before using the battery charger read all the instructions and cautionary markings on the charger, battery and Headset

To reduce the risk of injury only use the 3M Peltor Litecom headset specified for this charger and the manufacturer recommended batteries

To reduce the risk of damage to the electric cord disconnect the charger from the mains supply using the plug do not pull on the cord

Do not use an extension cord it may result in the risk of fire or electric shock

The charger can only be repaired by a qualified service technician approved by CTC Ltd Any unauthorised repair will void the warranty

To reduce the risk of electric shock always unplug the charger from the mains supply before maintenance or cleaning

Do not operate the charger if it has been broken or damaged in any way. It must be checked by a qualified and CTC authorised technician

Safety Guidelines

- Not suitable for outdoor use. Use only in dry conditions
- This charger unit is not designed to withstand heavy impacts or dropping, damage or injury may be incurred
- Do not expose the charger to rain or moisture
- If the battery pack is wet do not put it in the charger, this may cause damage
- Connect the equipment to an appropriately fused and wired supply of the correct voltage using the cord supplied
- Disconnect the line voltage by removing the plug from the power supply
- Always unplug the charger from the power supply when performing maintenance operations this reduces the risk of electric shock
- Do not block the side ventilation points this may result in smoke or fire
- Keep the charger away from flammable objects
- Do not operate the charger if it has been dropped or knocked in any way to reduce the risk of fire, electric shock or injury
- Do not use the charger in hot or humid environments or in direct sunlight
- Examine the battery charger regularly for damage, especially the cord, plug and enclosure. If the battery charger is damaged it must not be used until it is repaired

- Normal operating temperature range 0°C - 40°C
- Ensure the cord is where it will not be stepped on, tripped over, or subjected to water damage or stress
- Do not use the charger if any liquids have been spilt over it, this may cause smoke, fire or other damage
- Do not short the charging terminals with metal objects
- Do not use solvents to clean the charger
- The charger is not suitable for use in a location where children are present
- This charger should not be operated by children, it is suitable for adults only
- An earthed power supply is required

Operating Instructions

- The PA unit (blue collar) will charge the 3M Peltor Litecom atex ACK08 and ACK082 batteries only
- The PS unit (grey collar) will charge the 3M Peltor Litecom ACK081 / 081B and **ACK082B** batteries only

The batteries are not interchangeable putting the wrong battery into the unit will damage the unit and void the warranty.

The charger will operate with 240 volt and 110 volt power supplies. In each case the appropriate power cord must be used. An earthed power supply is required

The corresponding charger will charge 12 atex ACK08 1320mAh batteries in 12 hours and 12 non atex ACK081 1800mAh batteries in 4 hours approximately.

This may vary dependent upon the ambient temperature, residual charge on the battery and lifecycle stage of the battery. Atex batteries are designed to charge at a slower rate in accordance with their atex certification.

Plug the female socket of AC power cord into the back of the charger. Then put the AC plug into an AC outlet. Flick the switch on the right hand side of the unit from 0 to I. The left hand charging indicator of each pair will illuminate in blue. This indicates that the relevant charging pocket is active and ready to receive a battery (see opposite for more details).

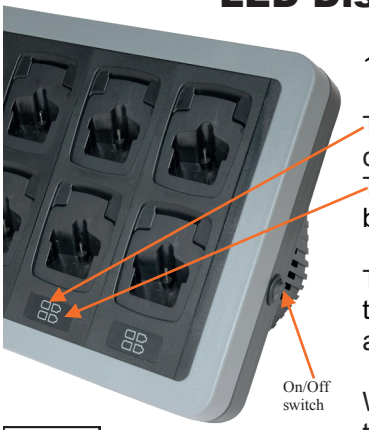
Insert a battery into the charging pod by;

1. Turning the battery so that the back of the battery is facing you and the power connection is at the bottom
2. Pushing the battery up against the back of the cradle
3. Sliding the battery down into the rear of the cradle until the contacts of the battery and charger meet and the battery is sitting firmly on the base of the cradle

Once the battery is properly seated in the cradle a red light will illuminate next to the blue light. The red light will switch off once the battery is charged.

To remove a battery use one hand to support the charger and the other to remove the battery.

LED Display Sequences

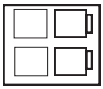


12 LED displays, each has 2 indicators.

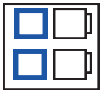
The top LED display applies to the top battery cradle
The bottom LED display applies to the bottom battery cradle

The first LED's is blue and will display when the unit is turned on. The second LED is red and indicates a battery is charging.

When the battery is charged the red light will turn off.

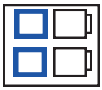


No LEDs displayed means no power to the unit



Blue LED means the corresponding battery cradle is powered

An additional red LED means the battery is making contact with the charger and is charging



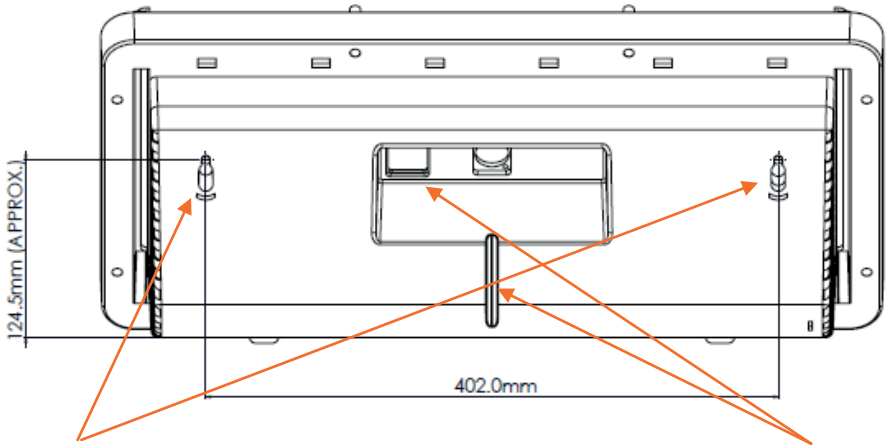
When the battery is charged the red LED will turn off

At the point the red LED turns off the battery charge level will be over 90%. Leaving the battery in the cradle will allow a low level of trickle charge to top up the battery.

Specifications

Input	100-240 V AC 50/60Hz 3.15 A
Output	3.7 V DC PA 200 mA PS 900 mA per pocket
Dimensions W x H x D	545mm x 250mm x 240mm
Weight	Approx 5.1 Kg
Cable	2 metre length right angle connector

Wall or Desk Mounting



Direct wall mounting
Reinforced slots

Power supply socket. Place cable in groove when wall mounting.
The fuse carrier has a 3.15amp antisurge slow acting fuse plus a spare fuse

The unit can be desk or wall mounted. No further unit fixings are required for wall mounting. There are 2 points for screw fixings. CTC can accept no responsibility for the type of fixings or the surface used for wall mounting or the stability of the unit when secured in position. Wall mounting is entirely at the user's risk.

Place Tags

12 white polypropylene place tags are included with the unit. These slot into the back of each battery cradle if required.

Use a permanent marker to write on the place tags. More place tags are available from CTC.

The units comes with a comprehensive two year guarantee. The unit is also fully serviceable with all parts available ex stock. Any servicing must be carried out by an approved dealer or CTC or the warranty will be void.

Please retain the packaging in case of any warranty repair. CTC will not be held responsible for any damage incured when returning the unit.

Symbols

PA for atex ACK08 2
battery only

PS for non atex ACK081 /081B
batteries and atex ACK082B battery

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