

iCHARGE™ battery adapters



Lucent Technology – Systems Technician

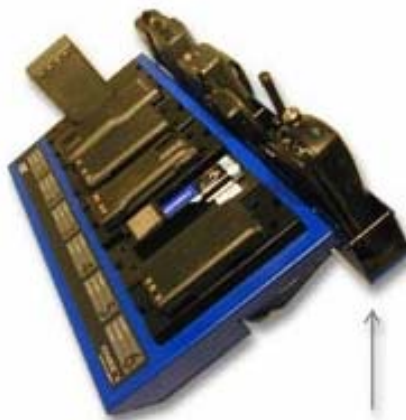
“I haven’t heard any complaints since we got the ACT Charger and that’s definitely good. Having the ACT Charger has improved the usability of the batteries themselves, especially on older batteries. The emergency response team use the radios a lot and they never have a problem with a dead battery anymore. Before, they were complaining that the batteries wouldn’t last all day. We don’t experience that problem anymore.

The ACT charging system uses radio model specific adaptors to interface between the battery and charging base. Apart from ensuring there are no compromises when charging a specific battery, users gain the following operational and long term upgrade benefits.

- Upgrading fleets to new radio models only requires a replacement adaptor, not the complete charging unit
- Single and six unit chargers can be easily migrated to different radio models.
- Mixed fleets can be kept operational and easily maintained with one product. This is particularly true for the i70/i75 6 way chargers, where each bay can support a different radio model.
- Field upgrades are easily performed without specialist knowledge or tools.
- Batteries are very securely held in the adaptor using the same securing mechanism that hold the battery to the radio unit

The majority of ACT adaptors are intended for charging single battery chemistry types, this ensures absolutely no charging compromises are made.

iCHARGE™ radio rack



The Radio Rack screws on the back of either the i70 or i75 six bay chargers. This provides a useful storage area for the handsets while their batteries are being charged and conditioned

Why single chemistry adaptors?

Although the iCHARGE units are tri-chemistry, ACT have found that to achieve the fastest and best charge for a specific battery, it’s imperative to know exactly what battery chemistry you are charging. Most batteries do not provide this information electronically, so it’s important to use single chemistry adaptors to ensure the full benefits are achieved.

Why do you need to take the battery off the radio?

Part of the patented DEW™ method used by ACT chargers actually measures and removes energy from the battery as it charges it. The measurement is critical to continuously adapt the charging profile and hence ensure the best possible battery charge. The only real way this can be achieved is from the battery’s radio contacts – not the traditional rear or bottom mounted charger contacts.

What adaptors are available for the ACT charging solution?

Please see www.wireless2way.com.au for a list of the key ACT iCHARGE adaptors. If you don’t see a required adaptor on the list, please contact us to check on availability.



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