



## 2815 Charger kit instruction sheet

### Introduction

The 2816 Rapid Charger is designed to charge the ACR 1062 Lithium Polymer battery pack. The charger contains protection circuitry to charge this category of battery technology safely.

The 2815 charger kit consists of the 2816 Charger, an AC power adaptor with interchangeable plug pins for the major international markets and a separate 12V dc supply lead (only needed if not using the AC power adaptor).

### Installation

The charger can be wall mounted or stood on a flat surface. Connect the lead from the AC power adaptor to the charger and plug the adaptor into the AC power outlet. Note the adaptor is universal operating from 110V to 240V at 50/60 Hz ac.

### Operation

The charger will accommodate either the 1062 battery by itself or the SR203 fitted with a 1062 battery. Note it is possible to store the SR203 in the charger with the 1061 primary battery fitted, without the charger operating or damaging the 1061.

To release the battery or radio from the charger, push the paddle release lever on the right hand side of the charger as shown.



### Charging

Make sure the charger is already powered up. The **Green** power LED will be lit. Place the radio into the charger base and ensure it locks in place. The **Red** status LED will start flashing to indicate the battery is charging. On completion of the charge, the **Red** LED will stop flashing and be permanently illuminated.

If the battery is faulty or is failing to make contact, then the LED will not change to **Red**. Check



that the charging contacts on the battery are clean and retry. If the **Red** LED still fails to light, this indicates that the battery is faulty and needs replacing.

The battery may be left in the powered charger indefinitely.

! Always use the recommended charger and mains adaptor when charging the 1062 battery pack. The charger may also be connected to a DC supply of between 10.8V and 15.6V (12 Volt battery system).

! Always make sure the battery (or radio with battery inserted) is dry before placing it into the charger.

! It is not recommended to transmit with the SR203 while it is in the charger.

! The recommended temperature range for charging the battery is 0°C (32°F) to 40°C (104°F).

! The positive wire on the 12V charging lead is marked with a dashed line.

! The 2816 Battery Charger is not waterproof and should be mounted in a dry position.

### ***Transportation***

Should the battery need to be transported for any reason the following should be observed.

The 1061, 1062 and 1063 batteries, used with this radio, are classed as non-hazardous under the IATA Hazardous Transport Regulations.

#### **• 1061**

- The battery should be shipped as category 3090, and packing instruction 968:section II (excepted batteries)
- The radio with its battery should be shipped as category 3091, packing instruction 969 section II (excepted batteries)

#### **• 1062**

- The battery should be shipped as category 3480, and packing instruction 965:section II (excepted batteries)
- The radio with its battery should be shipped as category 3481, packing instruction 966 section II (excepted batteries)

#### **• 1063**

- There are no packing or shipping restrictions on alkaline batteries, provided that they are adequately protected against short circuits in accordance with Special Provision A164

For road or sea transport both the 1061 and 1062 batteries may be shipped under Special Provision A188 of the relevant regulations.