

# ECO-CHARGE™

AM/FM Radio, Flashlight and  
Cellphone Charger

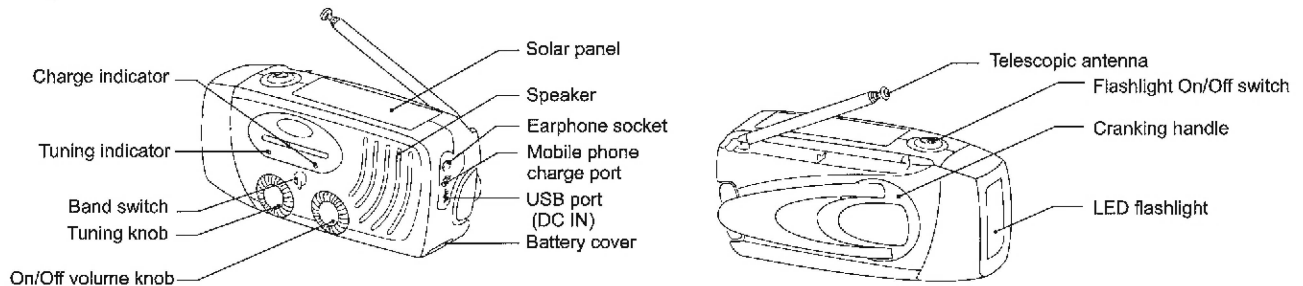
[www.freeplayenergy.com](http://www.freeplayenergy.com)



The Freeplay i-Eco C1 AM/FM Radio, Flashlight and Cellphone Charger offers a choice of self-charge, solar and rechargeable power. The i-Eco C1 provides multiple functionality in one compact, convenient and dependable package anytime, anywhere.

## English

### Diagram



### Congratulations on purchasing the Freeplay i-Eco C1

Please read these operating instructions carefully before using your radio and retain them for easy reference. Record the serial number, to be quoted when dealing with Freeplay or a recognised Freeplay distributor regarding this product.

Serial number: \_\_\_\_\_

### FEATURES

- Solar Panel
- Mini USB recharge capability with internal rechargeable Ni-MH battery
- Freeplay direct charge generator
- Cellphone charger
- Integrated LED flashlight
- Headphone socket for personal listening
- Up to 12 hours continuous playtime and 16 hours of shine time.

### PRECAUTIONS

Do not open the casing other than when disposing of the unit.  
When cleaning, do not use abrasives or chemicals.  
Only use a damp cloth and mild detergents.

### OPERATION

#### External Charging

To charge from the wall, plug a mini USB adapter into the USB socket (DC in) located on the side of the radio. After approximately 10 hours the radio will be fully charged (if the radio is off while charging). The adapter can remain plugged in to provide a continuous trickle charge to the internal battery. The radio can be powered by connecting USB cable to a computer. When the unit is used for the first time, or not used over 90 days, we recommend an initial crank charge of 3 - 5 minutes.

#### USB Charger

A standard 5V 500mA mini USB charging protocol, means that one charger will now be able to charge most Freeplay products. You may already own a compatible charger (received with a mobile phone, PDA or digital camera).

We recommend that our products are externally charged for extended usage needs.  
Before you purchase a Freeplay USB charging accessory please consider the environment and be sure that you don't already own an appropriate charging device.

#### Self-charge Operation

To operate, hold the radio firmly and crank the winder handle. The winder handle can be cranked in either direction. A wind of about 60 seconds will provide approximately 20 minutes of radio playtime (normal volume), 30 minutes of continuous light and approx. over 3 minutes of mobile phone talk time. The radio can be cranked at anytime to extend play times.

#### Solar Panel

When placed in direct sunlight the radio will run exclusively from solar power. If the solar contribution is sufficient the battery will also be charged while playing (listening volume dependent). The solar panel can be used solely as a charging facility while the radio is switched off by exposing the solar panel to direct sunlight.

#### Mobile phone charging

A standard Nokia charger cable is supplied. To charge your phone connect the cable between the i-Eco C1 and your Nokia. Crank the winder handle in either direction until the phone indicates that it is accepting the charge.

**Note:** That the mobile phone charger functions on crank only and is not powered by the solar panel or internal battery.

### Disposal of unit

Ni-MH batteries should be recycled or disposed of in an environmentally friendly way as prescribed by your local regulations.

### SPECIFICATIONS

#### Power Source:

**Self-charge:** AC alternator driven by the crank via a transmission

**External:** AC/DC Mini USB adapter (not supplied)

**Solar:** 5.5V, 30mA polycrystalline solar panel with epoxy encapsulation under a polycarbonate lens

#### Rechargeable Battery:

Rechargeable Ni-MH battery pack.

#### Frequency range:

FM 88 - 108 Mhz  
Am 520 - 1700 kHz

#### Antenna:

FM Telescopic antenna  
AM Built in ferrite bar antenna

#### Performance:

**Play Time:**  
Fully recharged battery: 12 hours (normal volume)  
60-second wind: 20 minutes (normal volume)  
1 hour solar exposure: 1 hour (normal volume, radio off while charging)

Note: Playtime will vary between volume settings.

#### Shine Time:

Fully recharged battery: 16 hours  
60-second wind: 30 minutes

#### Talk time:

60-second wind: 2-3 minutes (call times will vary between phone models, battery condition and signal strength)

**Adapter Charge rate:** 10 hours - 100% capacity

#### Dimensions: Metric

Height	60mm	Length	125mm
Width	42mm	Weight	200g

### FREEPLAY 2 YEAR WARRANTY

The manufacturer undertakes that, if within 2 (two) years of purchase, this appliance or any part thereof is proved to be defective by reason of faulty workmanship or materials, we will, at our option repair or replace the same free of charge for labour or materials on condition that:

1. The original invoice or sales receipt (indicating the date of purchase, product type and dealer's name) is presented together with the defective unit.
2. The complete unit is returned to the manufacturer or country distributor, postage paid.
3. The unit has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by the manufacturer.
4. All service work is undertaken by the manufacturer or appointed agents.
5. Any defective unit or part shall become the property of the manufacturer.
6. This warranty is in addition to your statutory rights.

This warranty excludes damage caused by misuse or neglect. To register please complete the online registration form at:

[www.freeplayenergy.com](http://www.freeplayenergy.com)  
Customer Care: [info@freeplayenergy.com](mailto:info@freeplayenergy.com)

### Available Accessories

- AC/DC charging adaptor

To learn more about Freeplay products visit us at:  
[www.freeplayenergy.com](http://www.freeplayenergy.com)

Please consider the environment before printing this manual