



## The Encore™ Primary

Encore Primary has been designed for anytime, anywhere listening and is used in classrooms, by listening groups and displaced populations. Time and time again it has been shown that access to radio information greatly enhances the lives of people in vulnerable communities.

The Encore Primary is a multi-band radio and table light in one easy to use package. It has been designed for the toughest conditions and delivers complete independence from grid power or disposable batteries, ensuring access to vital information at all times. Powered by solar energy and Freeplay's patented fail-safe winding mechanism, the Encore Primary provides outstanding audio quality suitable for families and larger groups, excellent reception and a simple to read dial scale for easy tuning.

### Multiband Radio

- 4 band radio - FM /AM/ SW1/ SW2 for global reception

### Intelligent Mobile Phone Charger

- Dedicated charging for mobile phones and other small portable devices
- No cranking needed – automatically recharges

### 4 Way Charging

- Integrated solar panel
- External Solar panel
- Hand crank
- DC

### Reading/Task Light

- Built-in dual brightness reading/task light



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## Specification: Encore™ Primary

A robust solar wind-up multiband radio specifically designed for use in low resource settings and off-grid environments

Model: Encore™ Primary					Options	
Power Source	Solar Panel	Battery	LED	Phone Charging	External Solar Panel	Battery Capacity
<ul style="list-style-type: none"> <li>Self-charge via crank handle.</li> <li>Integrated Solar Panel.</li> <li>Optional external Solar panel</li> <li>12V DC</li> </ul>	<ul style="list-style-type: none"> <li>Integrated: 150mW polycrystalline.</li> </ul>	Rechargeable 3.6V NiMh 1100mAh. Higher capacity on request.	2 x 50,000 hours' life	USB 5V 400mA. USB charging cable, or a range of phone-specific adaptors.	Choice of 250mW or 2W	Higher capacity on request

### Performance Parameters (Solar performance is based on the 2W external panel in full sunlight conditions)

Fully Charged Battery	<ul style="list-style-type: none"> <li>Fully charging the Encore Primary (1100mAh battery) will take approximately 5 hours using the external solar panel.</li> <li>A fully charged battery will operate Encore Player for 36 hours on low volume and 15 hours at high volume.</li> <li>To charge the battery via Adaptor/DC will take approximately 8 hours.</li> </ul>
External 2W Solar Panel	<ul style="list-style-type: none"> <li>1 hour in the sun provides energy for approximately 6 to 8 hours of radio playtime at medium volume.</li> <li>1 hour in the sun provides energy for approximately 8 hours of light on bright setting and 12 to 14 hours on economy setting.</li> </ul>
Winding	<ul style="list-style-type: none"> <li>1 minute winding provides energy for 45 to 60 minutes of radio playtime at low volume and 30 minutes at higher volume.</li> <li>1 minute winding provides energy for 50 minutes of light at economy setting and 25 minutes on bright setting.</li> </ul>
Mobile Phone Charging	<ul style="list-style-type: none"> <li>1 hour in the sun (external 2W panel) provides energy for approximately 20 minutes of talk time.</li> <li>1 minute of winding provides energy for approximately 3 minutes of mobile phone talk time, and several hours of standby time (smart phones use more power so these will reduce).</li> <li>It will take approximately 3 hours of sunlight (external panel) to recharge a standard mobile phone.</li> </ul>

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Speaker	Antennae	Frequencies	Dimensions of Gift box
4-inch, 5 W, 4-ohm loudspeaker	Telescopic antenna FM and SW: User replaceable 680mm unbreakable flexible steel wire antenna. AM (MW): Internal extra length ferrite rod antenna. 5m crocodile clip SW antenna.	FM: 88-108 MHz AM (MW): 500-1700 kHz SW1: 3-10 Mhz SW2: 10-22 Mhz	Length: 157mm Depth: 138mm Height: 293mm Weight: 1378g



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