



The Assist™ Radio

Designed specifically for humanitarian purposes, this FM/AM/SW radio with built-in flashlight, siren and emergency mobile phone charging capability ensures that no distance is too great and no environment is too tough to overcome.

Play / Shine Times
(Fully Charged Battery)

Radio 10-12 hrs

Light 5 hrs

- Solar/self-powered
- Designed for use in humanitarian applications
- Best sound in its class
- Sustainable access to information, communication and light
- Ideal for rapid deployment
- Compact, durable and efficient
- Choice of telescopic or unbreakable flexible aerial
- Intuitive interface with great tuning resolution
- Siren alert



www.freeplayenergy.com



Specification: Assist™ Radio

Highly dependable, solar and self-powered flashlight and mobile phone charger with built-in siren.

NAME

Assist™

PRODUCT DESCRIPTION

The Assist radio is a simple to use, highly dependable, self-powered solar radio and flashlight combination. It is designed for a range of applications in both the developed and developing world.

POWER SOURCE

Self-Charge

A glass-reinforced nylon handle with comfortable knob harnesses human energy by cranking. The handle is connected to the 3-phase alternator via a transmission. Winding will not damage the radio and all the generated power will be conserved and stored.

Solar Panel

A polycrystalline 3.6V 20mA solar panel is integrated into the radio. This serves to play the radio or to charge its batteries without having to wind.

Power Management

A rechargeable NiMH 3 cell battery pack stores the energy generated from human and solar power. The radio will play for 20 to 30 minutes per 30-second wind.

LIGHT

The Assist has three ultra-bright LEDs built into a flashlight feature on the side of the radio. When switched on these LEDs provide a useful beam of light.

MOBILE PHONE CHARGING

Assist has a power output socket on the side of the radio that may be used to recharge mobile phones. Connection is via a cable and set of adaptor tips, or a cable with USB socket.

SIREN ALERT

A siren feature allows the user in distress to attract attention to their predicament.

SPEAKER

7cm 3 W, 8-ohm loudspeaker

ANTENNA

Several antenna options are available.

The telescopic antenna may be subject to breakage in tough user environments, therefore an unbreakable flexible steel wire antenna is included as standard. In remote regions where radio signals may be weak, a 5m cable antenna with crocodile attachment which clips onto the telescopic antenna to increase the sensitivity of the radio may be offered as an optional extra.

AM signals are received via an internal ferrite rod antenna.

FREQUENCIES

FM: 88-108 Mhz SW1 5.5-8.0 MHz
AM (MW): 500-1700 kHz SW2 9.2-12.5 MHz

DIMENSIONS

Height: 83mm
Width: 150mm
Depth: 52mm
Weight: 220g



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