ST3358

Multipurpose Solar & Dynamo Radio

with Built-In Rechargeable Battery

OWNER’S MANUAL
Safety Instructions

WARNING

- Do not expose this appliance to rain or moisture
- Do not submerge or expose to water
- Protect from high humidity and rain
- Only operate within specified temperature range (0°C to 40°C)
- Unplug immediately if liquid has been spilled or object have fallen into the unit
- Clean only with a dry cloth. Do not use detergents or chemical solvents as this might damage the finish
- Do not attempt to open the unit
# Table of Contents

## Safety Instructions

## Table of Contents

## Radio View

## Function and Operation Explained

- Power Sources
- Charging the battery pack
- Turn the radio on and off
- Adjust the volume
- Tuning in stations
- Shortwave the listening
- Using the light
- Glow in dark locator
- Crank charging
- Adapter charging
- Earphone jack
- Cell phone crank charging

## Technical Specifications
Radio View - Front View

1. Radio
2. Radio Tuner
3. Radio Band Selector
4. Power / Volume Adjustment
5. Speaker

Radio View - Rear View

6. Battery Cover
7. Hand Crank
8. Telescopic Antenna
Radio View - Side View

9. Torch Power Button
10. Solar Panel
11. Glow In The Dark Rim
12. LED Torch
13. Mini USB Jack (DC-In 5V)
14. Cell phone charger (5V, USB 2.0 port)
15. Headphone Socket

Radio View - Lens View

16. Frequency window
17. Charging indicator
18. Power on/off indicator
POWER SOURCES
1. Rechargeable battery pack (included)
2. Solar power (on the top of unit)
3. Built-in dynamo
4. Direct AC via mini USB jack

CHARGING THE BATTERY PACK
1. Turn the crank for about 10 minutes, it will result in 30 minutes of low volume play.
2. Place the unit in the sunlight directly. The solar power panel on the top of the unit charges it automatically. About 5 hours in the sun will allow about 1 hour of play.

TURNING THE RADIO ON AND OFF
Turn it on with the On/Off/Volume control.
To turn it off, set the On/Off/Volume control to OFF.

ADJUST THE VOLUME
Turn VOLUME control to the desired level

TUNING IN STATIONS
1. Select AM, FM or SW (shortwave. For FM and SW, fully extend the telescopic antenna. When using only AM, the antenna need not be extended, just adjust the placement direction of the unit.
2. Adjust the volume with the VOLUME control to the desired level.
3. Tune stations with TUNE knob.
SHORTWAVE LISTENING

Shortwave enables listening to broadcasts over vast distances including other countries and continents. The following information will help you get the best results.

- During the day, frequencies above 13MHz are usually best.
- At night, frequencies below 13MHz are usually best.
- Around sunset and sunrise, the entire shortwave range may be good.

Getting very close to a window and holding the radio improves shortwave reception.

USING THE LIGHT

Turn on the light on and off with the light switch on the top of the unit.

GLOW IN DARK LOCATOR

After absorbing light energy, the glow in the dark locator glows up to 2 hours allowing an easy locator.

Crank Charging

1. Pull out the crank in the back of the unit, then turn the crank. The built-in dynamo will generate electricity and the unit will store the electric energy into the battery pack automatically.

2. When charging, the charging indicator will be on.

Note: 5 minutes of cranking will result in about 10 minutes of low volume play and 2 hour of flashlight use.

Adapter Charging

1. Open the rubber cover on the side of the unit. Plug one end of the matching adaptor cable (not included) into the AC electronic socket, plug the other end of adapter cable into the <mini USB jack>, the electric energy will store into the battery pack automatically.

2. When charging, the charging indicator will be on.
   The battery will be full in about 4 hours.
EARPHONE JACK
Plug in earphone (not included). Sound is heard from both sides in monaural.

CELL PHONE Crank Charging
Because cell phone batteries vary in their current ratings, we cannot specify charging rates or usage time. 10 to 15 minutes of cranking may result in 1 or more minutes of talk-time.

1. Set Power/Volume control to OFF position.
2. Select CELL with the slide switch.

3. Plug the cell phone charging cord into the USB phone charge socket.
4. Plug other end of your USB socket into the cell phone’s charging socket.
5. Rotate the dynamo crank about 2 turns per second.

NOTE:
When charging a cell phone via the USB cell phone charger, it is important to turn the crank at least 2 revolutions per second, or until you see the green LED above the crank handle turn on. This is an indication that the phone is receiving enough power from the radio.

Continue to crank at this rate until you are satisfied that an appropriate level of charge has been received by your cell phone. If you decide to stop cranking for whatever reason, please wait at least 5 seconds before beginning to crank again. Not following these instructions may cause damage to your cell phone.
Technical Specifications

1. Frequency Coverage:

<table>
<thead>
<tr>
<th>Band</th>
<th>Frequency Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM</td>
<td>87.5 - 108 MHz</td>
</tr>
<tr>
<td>AM(MW)</td>
<td>520 - 1710 kHz</td>
</tr>
<tr>
<td>SW1</td>
<td>5.80 - 6.20 MHz</td>
</tr>
<tr>
<td>SW2</td>
<td>7.10 - 7.60 MHz</td>
</tr>
<tr>
<td>SW3</td>
<td>9.40 - 10.00 MHz</td>
</tr>
<tr>
<td>SW4</td>
<td>11.60 - 12.20 MHz</td>
</tr>
<tr>
<td>SW5</td>
<td>13.50 - 13.80 MHz</td>
</tr>
<tr>
<td>SW6</td>
<td>15.00 - 15.60 MHz</td>
</tr>
<tr>
<td>SW7</td>
<td>17.45 - 17.90 MHz</td>
</tr>
</tbody>
</table>

2. Sensitivity:

<table>
<thead>
<tr>
<th>Band</th>
<th>Sensitivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM</td>
<td>&lt;2uV</td>
</tr>
<tr>
<td>MW</td>
<td>&lt;0.5mV</td>
</tr>
<tr>
<td>SW</td>
<td>&lt;10uV</td>
</tr>
</tbody>
</table>

3. Signal to Noise:

<table>
<thead>
<tr>
<th>Band</th>
<th>Signal to Noise</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM</td>
<td>&gt;55dB</td>
</tr>
<tr>
<td>MW</td>
<td>&gt;45dB</td>
</tr>
<tr>
<td>SW</td>
<td>&gt;55dB</td>
</tr>
</tbody>
</table>

4. Built-in Rechargeable Battery:
   Ni-MH 2/3AAA 350mAh 3.6V

5. Built-in Speaker: 25Ω 0.5W

6. Headphone Socket: 3.5mm

7. Dimensions: 160(W) x 64(H) x 46(D) mm

*