

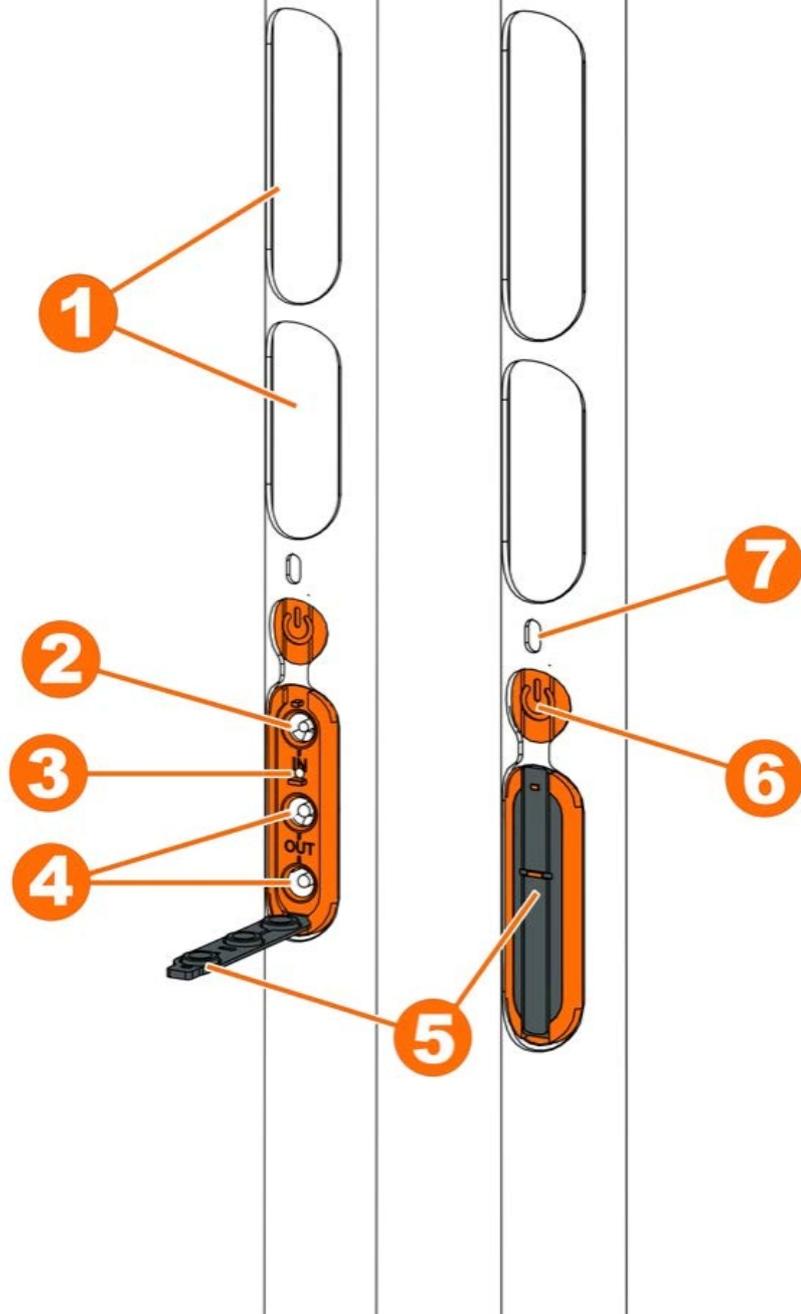
## Doble Outdoors SCS 200p USER MANUAL

Congratulations on the purchase of your SCS 200p. Please read this user manual carefully to make the most of your experience with this unique product.

- #1 – Opening for lights
- #2 – DC IN port
- #3 – Master battery switch
- #4 – DC OUT port
- #5 – Connector cover
- #6 – ON/OFF button
- #7 – Battery charge indicator
- #8 – Hanging hook

### First use

1. Remove your Doble SCS 200p from its packaging.
2. Open dust cover (#5) from upper leading edge.
3. Using a paperclip or thin shaft, push master switch by inserting in the hole (#3) between the 'IN' port and middle 'OUT' port to connect the battery.



*Note: If the master switch is not engaged then the battery will NOT recharge even though a solid green light will be present when connected to a power source. To check if the switch is engaged when the battery is flat, plug in your solar panel or power cable and if the green light flashes then the battery is connected, if it stays solid green then it is disconnected and you should push the master switch once.*

*This master switch is included to prolong the life of your product.*

### Recharging internal battery

1. Recharge the internal battery fully on first use by inserting the corresponding DC jack from the Doble 5W solar panel/12V cigarette lighter cable/USB cable into the top port, marked 'IN' (#2). (Please note: The DC 'IN' jack will only fit this top port).
2. A green light above the on/off button (#7) will flash while battery is charging.
3. Please note if the battery is very low, the green light will start very faint, slowly becoming brighter while flashing. After 10-15 minutes the battery

will reach normal charging levels and continue charging with a flashing green light.

4. When light turns solid green after flashing the battery is charged to 80% capacity, you can leave the product charging for a further 1-2 hours to reach 100% charge.
5. When the battery is low the recharge indicator light (#7) above the on/off button with turn a solid red. This light comes on when there is 10% battery power remaining.

### **Recharging external devices**

1. The Doble SCS 200p can recharge any device that can be charged via a standard 5V USB port using the provided DC to female USB cable.
2. The cable has an output of 5V 800mA, this may cause some larger devices such as high powered tablets to recharge slower than normal.
3. To charge your phone or USB powered device, connect the female USB cable provided into the middle or bottom port marked 'OUT' (#4).
4. Then connect the Doble multi head phone charger cable or your own USB cable into the USB port and charge as normal.

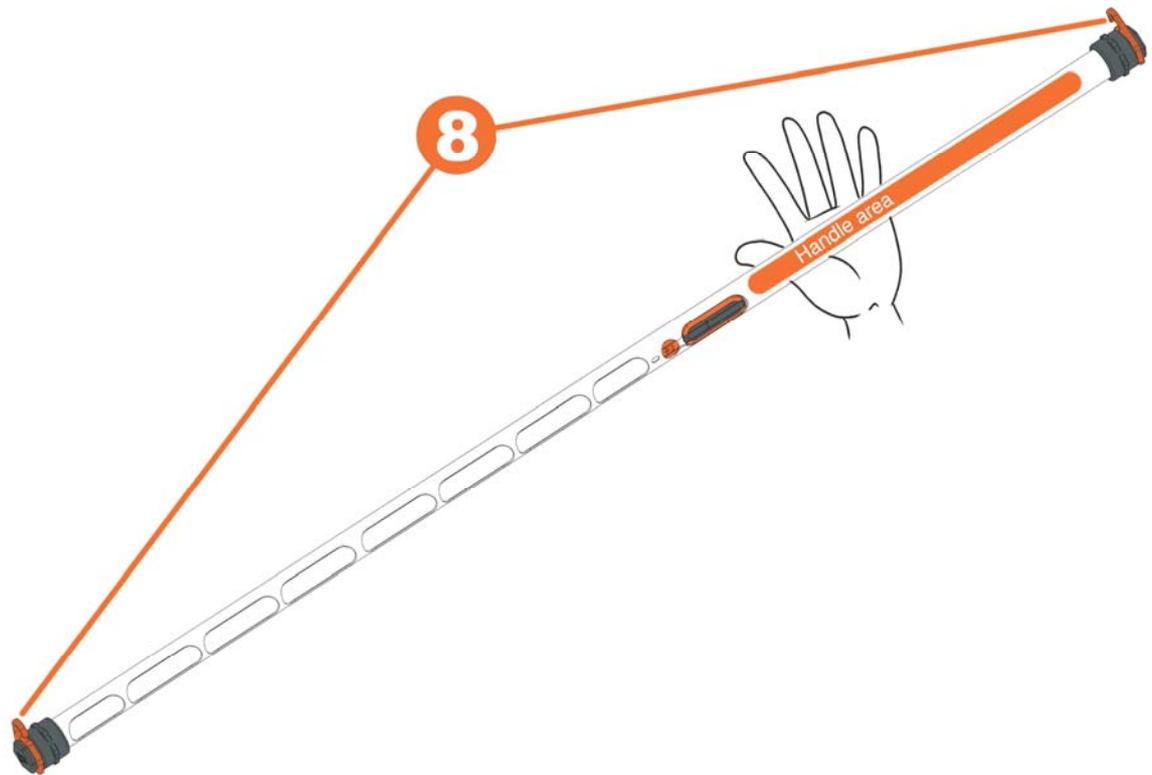
*Please Note that because we have no control over the equipment being charged, you must satisfy yourself that it is suitable to be charged using this method.*

### **Light function & settings**

1. The Doble SCS 200p has 4 settings.
  - a. Bright (250 lumens = 100%),
  - a.b. Low (50 lumens = 20%),
  - b.c. Nightlight (10 lumens = 4%)
  - c.d. Off.
2. Simply push the orange on/off button (#6) to cycle through these settings.

### **Fixtures:**

1. The Doble SCS 200p comes with 2 unique hooks (#8) on either end of the product to allow you to hang your light on a cable or rope.
2. The hooks allow you to rotate the light 360 degrees to direct the light.
3. The light can also be held in the hand and carried with you.
4. It is recommended to hold the light on the shaft below the connector ports.



### **Storage**

1. The Doble SCS 200p should be stored in a cool dry location.
2. Before storing the Doble SCS 200p for long periods of non-use, you should recharge the unit fully then use a paperclip or thin shaft, insert in the hole (#3) between the 'IN' port and middle 'OUT' port and push the master button to disconnect the battery. This will prevent any chance of deep discharge of the battery pack.
3. Deep discharging of the battery will permanently damage the product and it may stop working completely.

### **Master battery switch (#3)**

1. This button disconnects the battery completely from the light to protect against deep discharge.
2. When the battery is disconnected the lights will work if a power source is attached, once the power source has been disconnected the product will have no power and will NOT turn on.
3. This button must be pushed and connected for the light to run off the internal battery.

### **Ingress protection 54 (IP54)**

This product has been tested and certified to have an IP rating of 54.

5 = Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment; complete protection against contact (dust proof).

4 = Water splashing against the enclosure from any direction shall have no harmful effect. Test duration: 5 minutes, water volume: 10 litres per minute, pressure: 80–100 kPa.

### **Proper use/warning**

1. This product is designed specifically to work with the Doble 5W solar panel and special Doble cables. Do not use any other solar panel or cable to recharge as this could damage the product, cables and/or solar panel.
2. **This product is NOT certified to be connected directly to a mains power outlet. Such unauthorised use may cause injury to persons and/or damage to property.** Such action will void our warranty and Doble takes no responsibility for any personal injury, or any damage to the product or any other property, caused or contributed to by such unauthorised use.
3. This product is designed to operate in a range of 0 to +50° C. Operating outside these temperature zones can reduce the capacity and lifespan of the internal battery and electronics.
4. This product must be opened by authorized personnel only. If the product is opened or tampered with by an unauthorized person, it will void our warranty.
5. To maintain the (IP) ingress protection rating, you must keep the dust cover closed properly at all times. Failure to do so may allow foreign items into the products electronics and cause partial or total failure of your Doble SCS 200p.
6. Do not immerse product in water or other liquids. Only clean in accordance with our maintenance instructions below.
7. Doble takes no responsibility for any damage to the product, persons or other property caused or contributed to by misuse of the product, including failure to follow these proper use instructions.

### **Maintenance**

1. Keep DC ports (#2, #4) clean and clear to ensure a proper connection and function.
2. Keep product clean and keep the DC dust cover (#5) closed whenever it is not being used.
3. Only clean using a damp cloth and mild cleaning products. Avoid excess water and strong chemical cleaners that may damage the plastic, rubber seals and stainless steel surface.

### **End of use**

1. Please dispose of the product in as environmentally friendly a manner as possible. It is a sealed unit and must be dismantled for recycling by a skilled professional with the proper disposal of the battery cells.

### **Product Specifications**

Dimensions (without hooks)	923*32*28mm
Housing materials	Stainless steel, PC, Nylon, Rubber, Silicone
Lamp type	LED
Light distribution	120°
Colour	Cool white
Light setting	
- High	250 Lumens
- Low	50 Lumens
- Nightlight	10 Lumens
<b>Battery life</b>	
- On high	10 hours
- On low	50 hours
- On nightlight	250 hours
Charge type	DC
Nominal battery voltage	3.2V
Battery capacity	6000mAh
Storage battery type	Lithium Ion Phosphate
Charge cycles	Up to 4,000*
Recharge time (PV)	6-7 hours
Recharge time (DC)	6-7 hours
DC IN ports	1
DC OUT ports	2
<b>USB booster cable</b>	
Voltage output	5V
Current output	800mA

\* Based on partial recharge cycles the battery will still recharge to at least 80% capacity following 4,000 charge cycles

### **Manufacturer's Warranty**

The Doble Group, (Doble OUTDOORS) warrants that for a period of two (2) year from the date of original retail purchase, this product will be free from defects in material and workmanship. Doble, at its opinion, will repair or replace this product, or any component, found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be with a similar product of equal or greater value. This warranty is in addition to any statutory warranty or guarantee rights that you may have under the Australian Consumer Law

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please keep the original receipt, as proof of purchase is required to process a claim under our warranty.

### **What our warranty does not cover**

Our warranty does not cover normal wear of parts, product failure due to parts that are not genuine Doble parts, or damage or failure of the product resulting from any of the following: negligent use or misuse of the product; use contrary to the operating instructions; disassembly, repair or alteration by anyone other than Colman or an authorized service center. Further, our warranty does not cover damage to or failure of the product due to Acts of God such as fire, flood, cyclones etc.

### **How to claim under our warranty**

Take the product to an authorized Doble retailer or post back to our sales office;

Doble Outdoors Australia (Pty) Ltd  
Unit 11  
No 2, Focal Avenue  
Coolum Beach  
Queensland 4573

Please ensure you have included a description of the problem or defect with the product, together with your contact name, address and telephone number.

The cost of transporting the product to an authorized retailer or sales office for the warranty service is the responsibility of the purchaser, unless the product has failed to meet one of your statutory guarantee rights under the Australian Consumer Law. If, on inspection by Doble, it is determined that the product has failed to comply with those statutory guarantees, Doble will refund the cost of transport.

If you have any questions regarding this warranty or the product please contact us at [info@dobleoutdoors.com](mailto:info@dobleoutdoors.com)

### **Exclusion of Liability**

To the greatest extent allowable at law, Doble excludes all liability for any loss or damage including indirect or consequential loss or damage, loss of revenue, loss of profit, loss of business and loss or opportunity. Where Doble is unable to exclude liability, to the greatest extent allowable at law it limits its liability to, at its discretion:

- (i) replacement of the product or the supply of equivalent goods;
- (ii) payment of the cost of replacing the product or of acquiring equivalent goods; or
- (iii) repayment of any part of the purchase price of the product.

Doble is not liable for any loss or damage, including personal injury or death or property loss or damage, caused by or contributed to by connecting the product to mains power or by charging any electronic goods using this product.

Manufacturer:

Doble Telescopic Lighting Pty Ltd  
Trading as The Doble Group  
ABN 75 152 958 515

Distributor:

Doble Outdoors Australia (Pty) Ltd  
Unit 11  
No 2, Focal Avenue  
Coolum Beach  
Queensland 4573  
ABN: 75 162 005 147

© 2014 The Doble Group. All rights reserved

Doble OUTDOORS and SCS are registered trademarks of Doble Telescopic  
Lighting Pty Ltd