



# **ComPact ComPactPlus**

**Manual**



## WARNING

Profoto generators and lampheads are part of a complete professional lighting system. Please read the instruction manual carefully before use.

Flashtubes and modelling lamps emit considerable heat and may cause injury if not handled properly.

*NOTE! Always unplug the generator before changing flashtube or modelling lamp.*

- Do not touch hot metal parts
- Do not obstruct ventilation
- Do not connect the generator with the protective cap in place
- When using the flash, do not place filters, diffusing materials, or any other obstructions directly onto the glass cover, flash tube or modelling light
- Never position the light extremely close to people
- When mounting umbrella, do not touch flashtube or modelling lamp with the metal shaft - there is a risk of high voltage

*NOTE! Under no circumstances is any part of the equipment to be opened! The equipment is not user-serviceable and there is dangerous high voltage inside!*

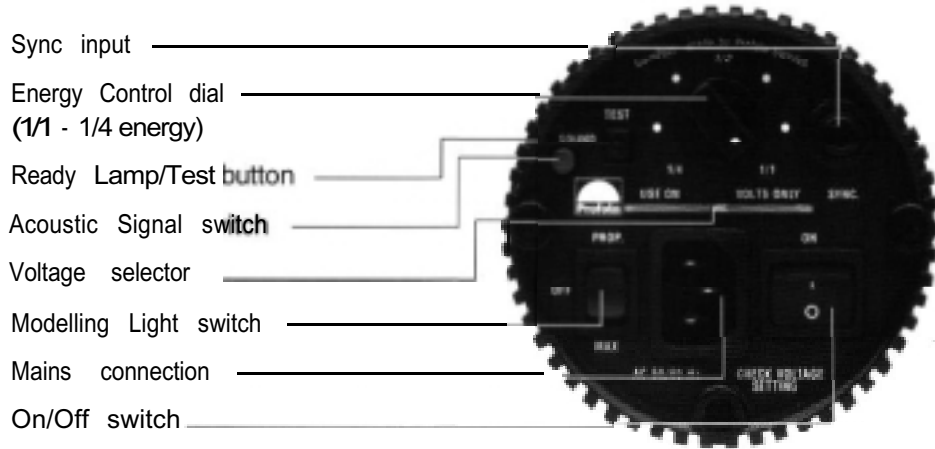
*Service may only be performed  
by an authorised repair station!*

## CONTENTS

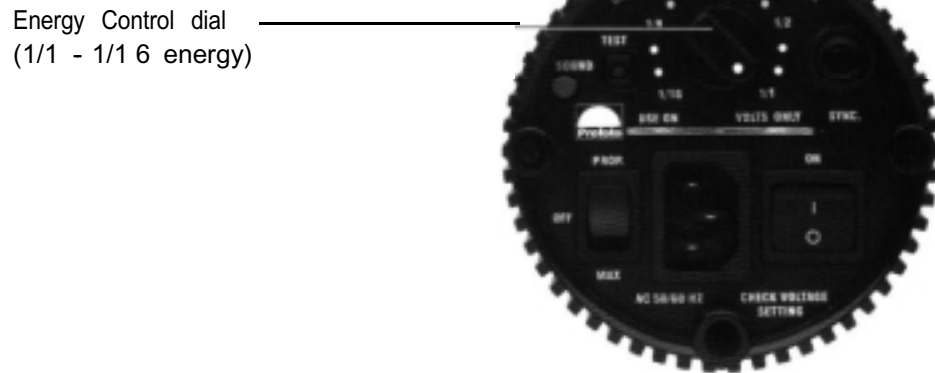
Nomenclature. ....	.4-5
Brief manual .....	.6
Voltage selection .....	.7
Mains (AC) connection. ....	.7
Charging .....	.7
Modelling lamp .....	.8
The ready lamp/Test Button .....	.8
Synchronization .....	.8
Photocell .....	.9
Acoustic signal .....	.9
Energy control. ....	.9
Modelling light adjustments .....	.10
Flash tubes. ....	.10
Colour temperature. ....	.10
Warranty. ....	10
Technical data. ....	.11

## NOMENCLATURE

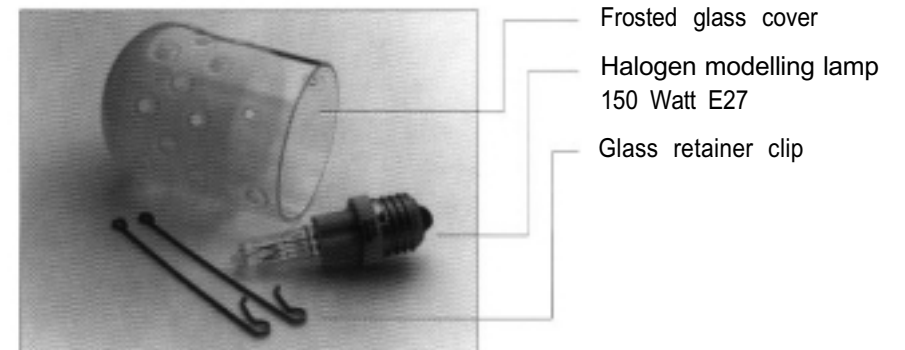
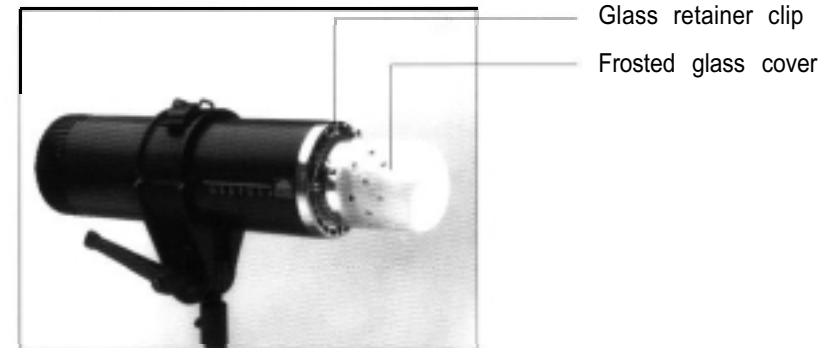
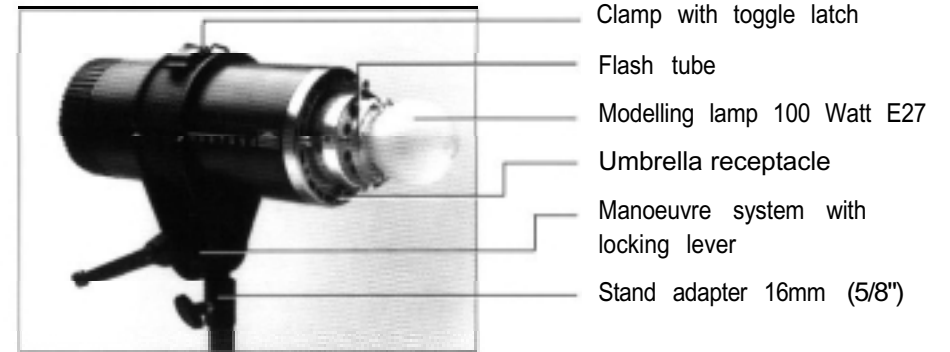
### ComPact



### ComPactPlus



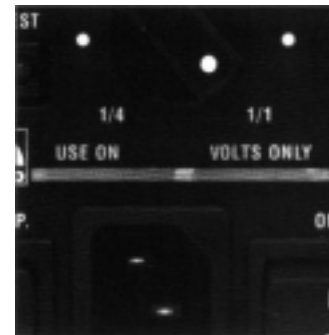
## NOMENCLATURE



## BRIEF MANUAL

- Check that the operating voltage key card is in the position compatible with the mains supply voltage.
- Check that the modelling lamp has correct voltage.
- Connect the mains supply cable.
- Turn on the unit with the "on" switch.
- Select modelling light mode (PROP, MAX, OFF).
- Select flash energy (Compact 1/1 -1/4 energy, ComPactPlus 1/1 -1/16 energy)
- Press the Ready lamp/test button for flash.
- Connect sync cable.

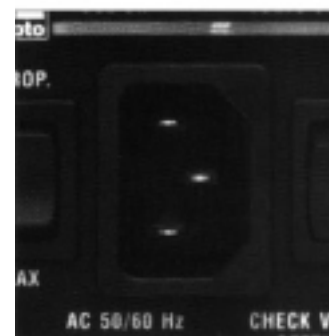
## VOLTAGE SELECTION



There are two voltage ranges to choose between: 90-130V, 60Hz or 180-260V, 50Hz. Select the proper supply voltage by pulling out and turning the operating voltage key card to match the mains supply.

The correct mains voltage should be seen on the upper side of the key card and be read in the text "USE ON... VOLTS ONLY"

## MAINS (AC) CONNECTION

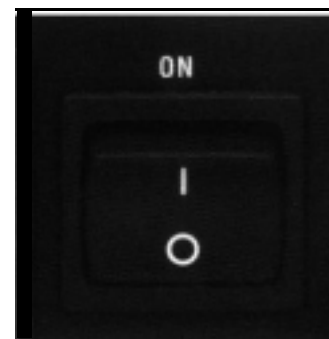


The generator is designed for AC connection only. It can be connected to the most common mains voltages: 90-130V, 60Hz or 180-260V, 50Hz. Before mains connection make sure that the operating voltage key card matches the mains supply voltage.

Connect the unit to the mains with the cable included in the delivery.

**WARNING!** Never use ordinary household extension cords to extend the power cable. They may overheat. Contact your Profoto distributor for proper equipment.

## CHARGING



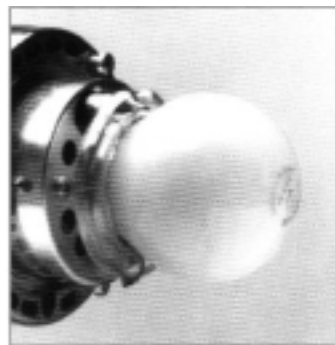
Check that the operating voltage key card corresponds to the mains supply. Turn on the main switch (ON).

The recycling time is very short. Variations will occur depending on the selected flash energy and voltage. The shortest recycling time is obtained with low flash energy.

## MODELLING LAMP

The modelling lamp is powered directly from the mains. It is therefore important to check that the rated voltage for the lamp corresponds with the mains supply. A 100 Watt medium screw base lamp (E27) is included in standard deliveries. The Compact and the ComPactPlus can also be fitted with a halogen 150-250 Watt medium screw base lamp (E27).

The flash tube and the modelling lamp can be enclosed in a frosted glass cover for a closer matching of modelling light and flash illumination,



**NOTE! BEFORE CHANGING MODELLING LAMP OR FLASH TUBE, DUMP THE ENERGY BY PRESSING THE READY LAMP/TEST BUTTON AND TURNING THE UNIT OFF SIMULTANEOUSLY.**

## READY LAMP/TEST BUTTON

The ready lamp button has two functions. First, it lights up when the unit is fully recycled. Second, it can be used to manually sync the unit (open flash). When a lower energy setting is chosen, release a flash so that the unit can recycle for the new energy setting.



## SYNCHRONIZATION

Synchronize by connecting the synchro cable from the camera to the synchro input. When the synchro cable is connected the built-in photocell will be disabled.



## PHOTOCELL

The photocell in the unit serves as a slave sync when another flash appears. When a synchro cable is used the photocell is automatically disabled.

## ACOUSTIC SIGNAL

The unit's acoustic signal system "beeps" when the unit has fully recycled. If the signal isn't wanted, press the button marked "sound".



## ENERGY CONTROL

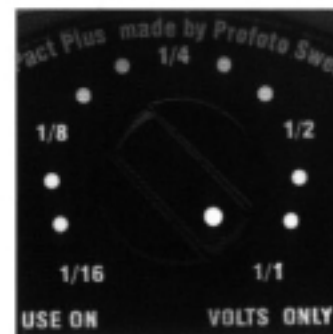
### ComPact

The energy output range in the Compact is controlled over 3 f/stops. The energy control dial has settings on a continuous scale between 1/1 and 1/4. The dots indicate 1/3 of one f/stop.



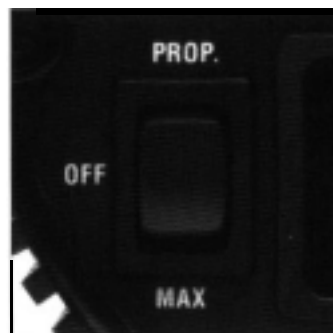
### ComPactPlus

The energy output range in the ComPactPlus is controlled over 5 f/stops. The energy control dial has settings on a continuous scale between 1/1 and 1/16. The dots indicate 1/3 of one f/stop.



## MODELLING LIGHT ADJUSTMENTS

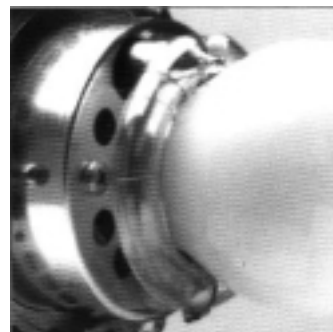
The modelling light can be set to follow the chosen energy output proportionally (PROP) or set to maximum (MAX) regardless of the energy output. The light can also be turned off completely (OFF).



## FLASHTUBES

Pyrex flash tubes are included in standard Compact and ComPactPlus deliveries. For heavy duty usage Quartz flash tubes are recommended. Delivery on request.

The flash tube has two metal pins for insertion into the unit. When removing a flash tube, pull it straight out of the sockets. When inserting a flash tube, check that the trigger-wire connection clasps properly around the flash tube.

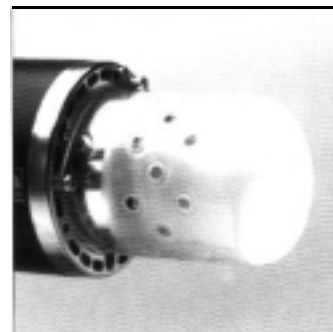


**NOTE!** BEFORE CHANGING MODELLING LAMP OR FLASH TUBE, DUMP THE ENERGY BY PRESSING THE READY LAMP TEST BUTTON AND TURNING THE UNIT OFF SIMULTANEOUSLY

## COLOUR TEMPERATURE

A frosted glass cover is included in Compact Special and ComPactPlus Special deliveries. It gives, in combination with the UV-coated flash tube, a recommended colour temperature for daylight type film.

Distinctive colour temperature adjustments can be obtained by combining flash tubes and/or glass covers with different coatings.



## WARRANTY

All Profoto products are guaranteed for a period of 2 years, with the exception of flash tubes and modelling lamps.

## TECHNICAL DATA

Guide no. in meters/feet at 100 ASA:	Compact	ComPactPlus
Magnum reflector	64/211	90/296
Zoom reflector	45/1 48	64/211
Umbrella	22/72	32/1 05

### Flash duration (t0,5) at:

Max energy 600 Ws	-	1/850 sec.
Max energy 300 Ws	1/850 sec.	-

### Recycling speed at:

75-300 ws	37.5-600 Ws	
240 Volt 50 Hz	0.25-0.8 sec	0.25-0.8 sec.
200 Volt 60 Hz	0.25-0.9 sec	0.25-0.9 sec.
1 00 Volt 50 Hz	0.30-1.3 sec	0.30-1.3 sec.
120 Volt 60 Hz	0.20-0.8 sec	0.20-0.8 sec.

### Size, generator in cm/inches:

(length/diameter)	29x10 11 x4	35x10 14x4
With manoeuvre system		
(length/width/height)	29X12X17 11 x 4 3/4 x 6 3/4	35 x 12 x 17 14 x 4 3/4 x 6 3/4

Weight kg/lb 2.2 /4.8

Max modelling lamp: 250 Watt 250 Watt