

SCA 3000 C-M1

Verbindungskabel / Connecting Cable
Câble de connexion / Verbindingskabel
Cavo di allacciamento / Cable de connexion



(D) (F) (NL) (GB) (I) (E)



Art. Nr.000330031

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⊗ System **SCA 3000**

Made in Germany



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- Function is performed
- * Not possible on all flashguns
- Function is not performed

1. General

The SCA 3000 C-M1 connecting cable will match SCA 3000 or SCA 3002 adapters (SCA 3101, 3301 ...or SCA 3102, 3302 ...) to SCA 300 handle-mount flashguns and compact flash units with the Power Grip 6 15.

Not all SCA 3000 /3002 functions are possible!

Some of these functions are indicated by signals in the camera's viewfinder. These signals differ from camera to camera. Please refer to the operating instructions of the given camera and SCA adapter.

2. Special flash functions in conjunction with the SCA 3000 / 3002 adapter

Possible special flash functions, depending on camera type	With SCA 3000-flashguns	With SCA 3000 C and SCA 300-flashguns
Flash readiness indication in viewfinder	•	•
Automatic flash synch control	•	•
Auto check display in viewfinder	•	•
TTL flash control	•	•
TTL fill-in flash control	•	•
TTL flash exposure correction	•	•
A-TTL flash control	•	-
E-TTL flash control	•*	-
3D-multi-sensor flash control	•*	-
Cordless TTL flash control	•*	-
Firing control	•	•
1st or 2nd blind synchronisation	•	•
Power zoom control	•*	-
Autofocus measuring flash	•*	•
Flash range display	•*	-
Automatic programme flash	•	•
Contrast control	•	•

3. General view of the connecting cable

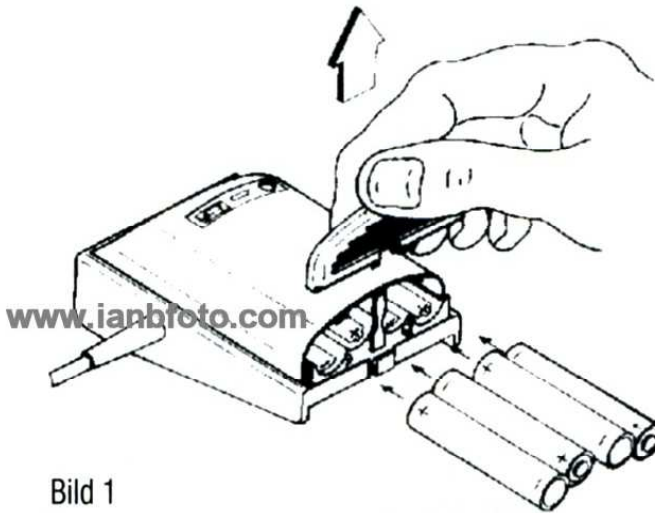



Bild 1

3.1 Mounting the SCA adapter

 Always switch off the flashgun and camera when changing the adapter!

Mounting:

Push the SCA adapter right up against the stop point in the guide of the SCA 3000 C-M1 connecting cable. The retention catch must engage.


Dismantling:

Push the retention catch against the case of the connecting cable, and simultaneously slide the SCA adapter out of the guide.


4. Power supply

To supply the SCA 3000 C-M1 connecting cable with power four 1.5 V AAA-type alkaline batteries (IEC LR 03) (e.g. Duracell, Philips, UCAR, Varta, etc.) or 4 Nicad batteries (IEC KR 10/44) are required.

Remove the alkaline or NiCad batteries if the cable is not being used for prolonged periods.

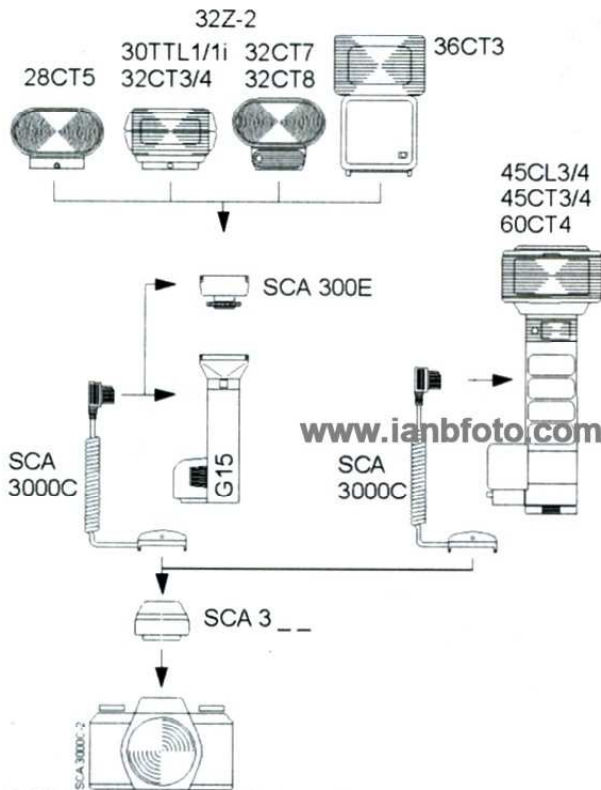
-  - Spent batteries must be immediately removed. Lyes can leak out of spent batteries and damage the connecting cable.
- Do not charge dry-cell batteries!
- Do not expose alkalines or nicads to excessive heat such as sunshine, fire, etc.!
- Never throw spent batteries into a fire!

4.1 Loading the alkaline or NiCad batteries

- Slide out the battery cover in the direction of the arrow; see fig.1.
- Load the batteries in conformity with the battery symbols indicated in the battery compartment.
-  *When loading the alkalines or nicads ensure that the correct polarity is always maintained in conformity with the battery symbols indicated in the battery compartment!*
- Close the battery compartment.

5. Flashguns that can be used

All handle-mount flashguns of the SCA 300 System, as well as all compact flash units of the SCA 300 System with Power Grip G 15, can be used.



5.1 Possible operating modes

TTL: A sensor of the camera electronics measures the light output of the flashgun at the film surface. TTL flash control is activated only if a film is loaded.

Auto: Light output is controlled by the sensor in the flashgun.

Manual: The flashgun always supplies the same defined light output. It is possible to adjust full and partial light output levels, depending upon the flashgun model. The "Winder" and "Motor Drive" modes are also partial light output settings.

6. Peculiarities

General:

Flash range display/Power zoom control:

These flash functions are generally not possible with SCA 300 flashguns because they do not feature a corresponding display; neither do they have a power zoom reflector, nor can the requisite data be transmitted with the SCA 300 System.

Cordless TTL flash mode:

The cordless TTL flash mode requires special electronic circuits in the flashgun. However, flashguns of the SCA 300 System do not contain such circuits so that this function cannot be performed.

Canon (SCA 3101):

A-TTL flash control:

The A-TTL flash mode is an extension of the conventional TTL flash mode. A pre-flash is produced to enable the camera to evaluate additional distance data and exposure values. However, this function cannot be performed with the SCA 3000 C cable and an SCA 300 flashgun. Consequently, if this function is adjusted there will be a pre-flash, but evaluation and transmission of the aperture values will not be correct.

TTL flash programme control:

Adjustment of the switch for A-TTL flash control on the SCA 3101 adapter to "OFF" position activates a special TTL flash programme control mode in which an aperture is transmitted and adjusted on the camera in conformity with the film speed and focal length of the attached lens.

Pentax (SCA 3701 M1 + M2):

Autofocus measuring flash:

Pentax cameras (with the exception of the Pentax SFX) do not perform an AF measuring flash in conjunction with the SCA 3000 C-M1 cable and the SCA 3701 adapter. The AF measuring flash on the cable lights up briefly, but this short time is not enough to enable the camera to focus.

7. Special accessories

SCA 305 A TTL Multiconnector

The SCA 305 A TTL-Multiconnector makes it possible to connect several SCA 300 flashguns to a system camera. Combination with an SCA 3_ _ _ adapter and the SCA 3000 C connecting cable always requires the Power Grip G 15 or SCA 300E for mechanical adaptation.



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Subject to changes!