

IA-310N

15V 300W AC Adaptor Power Supply



Instruction Manual

Thank you for purchasing the IA-310N. The IA-310N is a compact and rugged AC power adaptor for professional cameras, monitors, and production equipment. Please read this Instruction Manual and keep it for future reference. For questions or service, please contact your local IDX office listed at the bottom of this manual.

⚠ WARNING

May cause sudden serious injury and death

- Do not connect to an AC power source that exceeds the voltage specification stated on the unit.
- Do not short the contact pins with a metal object.
- Avoid metal contact to the connectors.
- Do not expose the unit to direct sunlight; use in well ventilated place.
- Do not immerse in water. Keep the unit away from excessively dry or humid environments.
- Do not attempt to open the outer casing or break it apart.
- In case of fault or service, please contact your IDX dealer or appropriate IDX office.
- Do not drop or apply force to the unit. Do not subject the unit to extreme physical impact or pressure.
- Do not attempt to use if damaged.
- Protect the power cord from any damage. Please do not use a damaged power cord.
- If there is an irregular smell, discoloration, or deformation, immediately turn the unit off and unplug the power cable from the AC mains.



The housing and handles may be hot if using the IA-310N with maximum output or close to maximum output. In such a case, please wait for 15 minutes after power-off and carry it.

⚠ CAUTION

May cause injury or damage other equipment

- The unit should be used under the conditions listed in this manual.
- Do not expose the unit to extremely high temperatures beyond the range listed in this manual.
- Use the approved power cord/connector plug which confirms to the proper ratings (voltage, amperage) and safety regulations of each country as applicable.
- It is normal for the top and bottom surface temperatures of the unit to increase during use.
- Do not rest any object on the unit or block the ventilation holes during operation.
- Use the approved power cord / connector / plug which conforms to the proper ratings (voltage, amperage) and safety regulations of each country as applicable.
- Please use the provided cable and connector and insert the connector firmly.
- The orientation of the unit should be horizontal with the four rubber feet facing down on a flat and stable surface.
- This product is for business use and is not suitable for use in place with children.
- This is a class A product in a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Features

- Universal Auto switching Power Supply – the IA-310N can accept AC power ranging from 100-240VAC.
- IA-310N can be used as a DC power supply for professional cameras, monitors, teleprompters, and other production equipment.

Specifications

- Input voltage : 100V-240V~ 50Hz / 60Hz
- Power consumption: 3.4A-1.4A 340W 340VA(max)
- DC Output : 15V 20A(max) 10A(max) per DC output
- DC Connector : XLR 4P (1pin : - 4pin : + 2,3pin : NC)
- Operating temperature : 0 ~ 40°C
- Operating humidity : 20% ~ 90%RH
- Weight : approx. 1,700g (3.75lbs)
- Dimensions : 125.7(W) x 75(H) x 255(D) mm
4.95(W) x 2.95(H) x 10.04(D) inches

OUTPUT Connector



How to use

- 1 : Connect AC power cord firmly.
- 2 : Switch the power switch ON.
- 3 : Connect the DC cable to the body and switch ON the equipment.
*Please note that the housing and handles may be hot depending on the load conditions.
- 4 : When power is ON, the DC outputs ①, ②, ③ are output in parallel.
(4P-XLR Connectors MAX 10A for single connector, total in parallel is MAX 15V / 20A)
- 5 : Please power-off after use.

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* Design and specifications are subject to change without notice.

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