

BlackNoise power distributors



BlackNoise Energy distributor line now comprise well **7 models**: **DupleX** (see dedicated brochure), **slim3**, **Derive!**, **Four**, **slim5**, **Six** and **Eight**. All of them shares, together with any other **BlackNoise** product, the same building qualities, either in the materials used and in the assembly, finishing and quality control procedures.

Model	Full Power over 115 / 230 V~	multistandard/US Sockets
DUPLE^X	1150 / 2300 W - 10A	2
slim³	//	3
Derive!	//	4 (integrated cable)
Four	//	4
slim⁵	//	5
Six	//	6
Eight	//	8

5 years warranty on all models

TECHNICAL FEATURES

Common to all distributors except **DUPLEX** and **Derive!**, is the integrated **protection** against **voltage spikes, disruptive pulses and surge events** from 250V~ and up **with an activation delay of less than 25ns**.

Protection operates not only between live and neutral, but between neutral/ground and live/ground as well, and is capable of absorbing up to 25.000 (twenty-five thousand) Ampere overall for pulse events that last between 8 and 20µs or 640 Ampere for a time up to 2ms.

Any model, moreover, is able to serve a maximum load of about **2300W over 230 V~ / 10 Ampere**, delivered by a minimum of two up to eight multistandard outlets that accept either italian style prongs (large and small), Schuko and US (the latter without the earth pin). The usual **BlackNoise** filters can eventually be connected to one or more of these outlets, adding not only an excellent filtering action, but in fact **doubling** the already extensive overvoltage and spike protection.



The rear power switch (optional and available for the **Four, Six** and **Eight**) is equipped with silver contacts for the best possible energy transfer and the least resistance. It adds just a mere fraction (**1mΩ, a thousandth of a Ohm!**) to the total electrical resistance of the **BlackNoise** distributors. The power switch also cuts off power at the same time on both poles (phase and neu-

tral), for the highest security.

All models, moreover (except **slim3** and **slim5**), are available with US "Hospital Grade" sockets in place of the multistandard ones or else with a mix of both.



Internally the outlets are connected differently than the largest majority of similar devices: **star mode instead of serial wiring**. In this arrangement, three separate wires are dedicated to each outlet, all joined in groups at their respective spot at the IEC inlet. In this way, even if hosted in the same case, each outlet is virtually independent since it's directly connected to the mains line, reducing to the least the mutual interferences.

The IEC socket placed on the back (the **Derive!** instead has a built-in 50cm* shielded cable) follows the standard convention about the correspondence between neutral and live pins: the live one also agrees with the "D" letter on the outlet sockets. If your audio system already follows a distinction between neutral and live, the same one can thus be held after the **BlackNoise** distributor addition.

The case is fully made of 4mm thick extruded anti-corodal anodized aluminum **4mm thick on all sides**, no assembly screws, milled with digitally controlled machines. It's shielding limits external EMI and RFI fields and minimizes internal ones so to obtain the highest possible effectiveness.

The internal packing with epossidic resin helps also a lot in obtaining a high level of mechanical inertia resulting effective in absorbing external as much as internal vibrations.

Best performances are in all cases reached using good quality and high cross-section shielded mains cables to connect it both to mains line and to audio gear. Suitable cables are sold separately, see **BlackWire, BlackWire plus+ GoldWire** except the **Derive!** which already has such a cable.

Even though **BlackNoise** products have been expressly conceived for High-End Audio duties there are several advantages in using them also in other fields. Video, professional Audio and EDP are elective ones. **BlackNoise** units can be connected to: DVD players, TV sets, Video projectors, multi-channel setups, Personal Computers, Monitors, LCD or Plasma panels, Mixers and any other consumer or pro audio-video item requiring a high protection against pulses, spikes and mains surges.

All distributors are fully certified  by an independent testing facility.

Dimensions (W x H x D) mm

Eight: 100 x 40 x 322 **Six:** 100 x 40 x 275

Four: 100 x 40 x 228 **Derive!:** 100 x 40 x 158

slim5: 50 x 40 x 322 **slim3:** 50 x 40 x 228

DUPLEX: 50 x 54 x 107

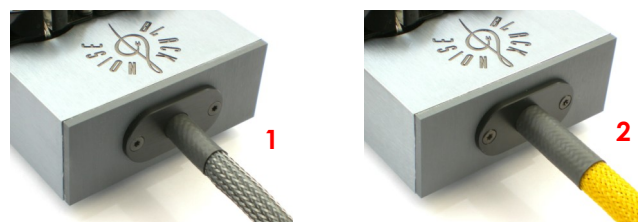


The **Derive!** is a four-outlet energy distributor without any kind of overvoltage protection but with a 50cm* Schuko terminated **BlackWire¹** or **GoldWire²** cable. Born as an "outlet multiplier" for the **BlackNoise** filters, nonetheless it may be successfully used as a stand-alone distributor with excellent results.

Case, materials, construction and finishing are identical to all other BlackNoise **but at the most affordable price in the entire product range**.

Also for the **Derive!** its possible to have all US sockets or a mix of US and multistandard ones.

*Different lengths available on request.



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