

Plknight

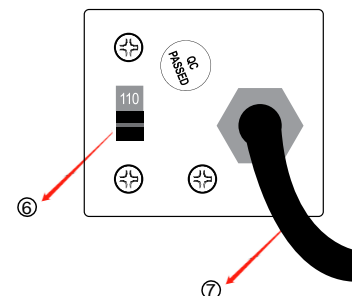
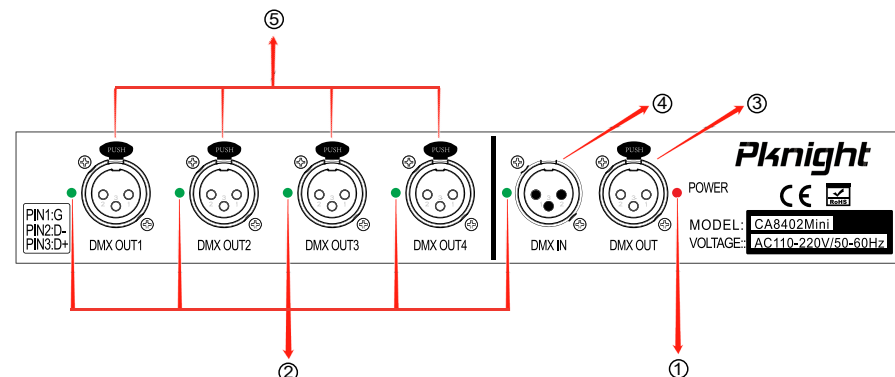
model:CA8402Mini



DMX SPLITTER BAR (4ch)

user manual

Device Design



- ① Power Indicator
- ② Signal indicator:
The light is off when there is no signal, and the light is on when there is a DMX signal
- ③ DMX OUT[DMX THRU]:
Passive DMX output for looping the signal to a connected device.
- ④ DMX IN:DMX input

- ⑤ DMX OUT1,2,3,4:
4 × active DMX outputs to buffer, amplify and distribute the signal to other DMX chains.
- ⑥ ★ Voltage Selector Switch: ★
Set the input voltage to the power supply to either 110v or 220v.
- ⑦ Power cable

★ important ★ In the United States, the power supply voltage switch on your computer's power supply should be set to 110v. However, if in, say, France, you should use the 220v setting.

FAQ

Why we need the Voltage Selector Switch?

In order to ensure the stability and durability of the product, we use a magnetic transformers power supply. It is much better than an electronic transformer power supply.

Is it dangerous to have your voltage switch set to the wrong voltage?

Yes. You run risk of damaging or frying our splitter, Please make sure the Voltage Selector Switch has been adjusted to the correct position before powering on.

Features

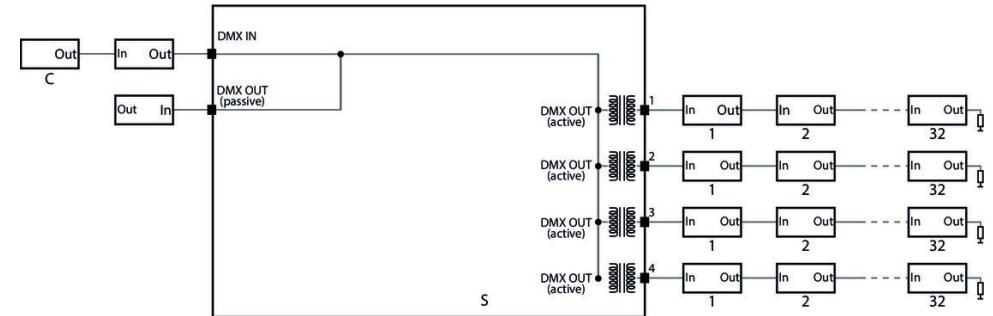
- Professional DMX splitter with following functions:
 - Distribution of the DMX-512 signal to four DMX chains in active mode
 - Looping the DMX-512 signal in passive mode
 - Amplification of the DMX-512 signal for longer distances to the controlled DMX devices
 - Processing of attenuated or disturbed DMX-512 signals
 - Reduction of reflections that can cause transmission interference
 - The galvanic isolation of in and outputs and among the outputs ensures a protection against damage from power surges of up to 2000 V
- 1 × DMX input
- 1 × passive DMX output
- 4 × active DMX outputs
- Power supply: AC 110V 60Hz / AC 220V 50Hz, 15w
- Each DMX in and output in three-pin design
- Truss mountable
- Dimension: 14.5"x2.2"x2.2" in / 368 x 55 x 55 mm
- Weight: 3.2lbs / 1.5kg

DMX connections

The following graphic illustrates how to integrate the unit into a DMX configuration.

Use the product (S) as the last part of the DMX chain that begins with your DMX controller (C). To do so, connect the output of the last device to the input of the DMX splitter. You can connect one DMX chain to each active DMX output of the device (S) (DMX splitter). Connect the output of the first DMX device to the input of the second and continue this way until all devices are connected. Make sure that the output of the last DMX device in the chain is terminated by a resistor (110 Ω, ¼ W). You can even expand the configuration of your DMX network if you are running additional DMX splitters at the end of the DMX chains. Keep in mind that the total number of usable DMX addresses in a 'DMX universe' is limited to 512.

On the passive DMX output, the signal is looped through to a connected device.



IMPORTANT SAFETY INFORMATION

The following general safety precautions have to be observed during all phases of operation, service, and the repair of this equipment. Failure to comply with these precautions or with specific warnings in this manual violates safety standards of design, manufacture, and intended use of this equipment.

Do not operate in an explosive atmosphere!

Do not operate this equipment in the presence of flammable gases or fumes. Operation of any electrical instrument in such an environment constitutes a definite safety hazard.

Water, moisture, heat and humidity

Do not operate this equipment near water or in areas with wet floors or in high humidity atmosphere where condensation forms on the equipment. It should never be placed near or over a heat register or other source of heated air and it should not be installed or operated without proper ventilation.

Pay attention to local voltage!

ALLWAYS make sure the Voltage Selector Switch has been adjusted to the correct position before powering on.
