

# Users's Manual

## Miniature Power Supplies

<b>MPS6001</b>
<b>MPS6010</b>
<b>MPS6020</b>
<b>MPS6030</b>
<b>MPS6040</b>



# Users' Manual

## Miniature Power Supplies

<b>MPS6001</b>	<b>Miniature Power Supply, 1-channel, 3-pin XLR</b>
<b>MPS6010</b>	<b>Miniature Power Supply, 2-channel, 3-pin XLR</b>
<b>MPS6020</b>	<b>Miniature Power Supply, 2-channel, Phono</b>
<b>MPS6030</b>	<b>Miniature Power Supply, 2-channel, Mini-Jack</b>
<b>MPS6040</b>	<b>Miniature Power Supply, 2-channel, /in. Jack</b>

### DESCRIPTION

The DPA MPS series is designed to work as battery power supplies for the entire range of DPA Miniature Microphones. Furthermore, the MPS6001 and MPS6010 will work as 48 V phantom power adapters. The MPS6001 delivers 5 Volts to the microphone voltage supply while the 2-channel power supplies deliver 9 Volts.

### Microphone connection

Tighten the MicroDot firmly to the power supply. The connector is properly tightened and secure when the cable can no longer be rotated. Use the MicroDot Tightening Tool included.

### Battery lifetime

The power consumption of a DPA miniature microphone is approx. 0.7mA. Please note that the capacity of batteries can vary with supplier.

### MPS6001: Minimum 24 hours (with alkaline batteries)

When supplied with phantom power, the battery will be bypassed.

Power will be consumed as long as the power supply is connected to an XLR plug. The MPS6001 features a mechanical on/off switch inside the XLR housing, thus saving battery power when not connected to an XLR plug.

## **MPS6010, MPS6020, MPS6030, and MPS6040:**

With one microphone:  
Approx. 600 hours  
(with alkaline batteries)

With two microphones:  
Approx. 300 hours  
(with alkaline batteries)

Power will be consumed as long as one or more DPA miniature microphone is connected to the power supply. When supplying the MPS6010 with phantom power, the battery will be bypassed.



Tool for tightening MicroDot connector firmly to Miniature Power Supply.

## **Changing the battery**

MPS6001:

Unscrew the cap and place a 1.5V type (LR03) AAA battery with the positive voltage tip at the MicroDot end.

MPS6010, MPS6020, MPS6030, and MPS6040:

Open the lid at the back of the power supply and attach a 9 V type (MN1604, 6LR61) battery.

## **Technical specifications:**

### **MPS 6010, 6020, 6030, 6040**

Dimensions:

L: 95 cm (3.75 in) W: 6 cm (2.4 in) H: 2.5 cm (1 in)

Weight: Ca. 135 g (4.8 oz) with battery

### **MPS6001**

Dimensions:

Diameter: 19 mm (0.75 in) L: 152 mm (6.0 in)

Weight: 70 g (2.5 oz) with battery

## **All models:**

Operating temperature range: -10° C to 55° C (+14° F to 131° F)

Humidity: Max. 95% R.H.

## Service and repair

Products from DPA Microphones are extremely stable and there should not be any significant change in the specifications with time and use. If, however, you are not totally satisfied with the characteristics exhibited by this product, please contact your nearest DPA Microphones representative for further details of service and the repair facilities that are available.

## Warranty

All products from DPA Microphones are covered by a two-year limited warranty on both mechanical functionality and documented specifications as long as the items are not mistreated, abused, or modified in any way. In case of a warranty claim, your invoice is your warranty registration.

## CE-marking

The CE-mark guarantees that the product conforms with relevant directives approved by the European Commission.

EMC directive: 2004/108/EEC

Low voltage directive: 2006/95/EC



## Environmental policy

This product is comprised by the WEEE directive and should not be thrown in the garbage bin when obsolete. Instead, return it to your local DPA representative (or DPA Microphones directly) who will dispose of the product in accordance with the current environmental standards.



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