

## **2006A Omni Microphone**

A combination of the MMC2006 mic capsule and the MMP-A preamp, the 2006A is part of the modular DPA Reference Standard series.

### **ATTENUATION PAD**

The MMP-A preamplifier has a 20 dB attenuation push-switch at the XLR connector. Use a pencil or the like to activate the attenuator and lower output by 20 dB.

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[www.dpamicrophones.com/2006A](http://www.dpamicrophones.com/2006A)

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#### **Service & repair**

If you are not satisfied with the characteristics exhibited by this product, please contact your nearest DPA Microphones representative for support.

#### **Warranty**

2006A is covered by a two-year limited warranty.

#### **CE marking**

This product conforms with all relevant directives approved by the European Commission.

# Specifications

## **Directional pattern**

Omnidirectional

## **Principle of operation**

Pressure

## **Capsule type**

Pre-polarized condenser, Twin Diaphragm Capsule

## **Frequency range**

20 Hz – 20 kHz

## **Frequency range, $\pm 2$ dB**

50 Hz – 20 kHz with typ. 2 dB soft boost at 14 kHz

## **Sensitivity, nominal, $\pm 2$ dB at 1 kHz**

40 mV/Pa; -28 dB re. 1 V/Pa

## **Equivalent noise level, A-weighted**

Typ. 16 dB(A) re. 20  $\mu$ Pa (max. 18 dB(A))

## **Switchable attenuator**

0 dB / -20 dB

## **Output impedance**

< 200 ohm

## **Output balance principle**

Impedance balancing with Active Drive

## **Common Mode Rejection Ratio (CMRR)**

> 60 dB

## **Power supply**

48V Phantom power ( $\pm 4$ V for full specifications)

## **Current consumption**

2.8 mA

## **Polarity**

+V at Pin 2 for positive sound pressure

## **Connector**

XLR-3M. Pin 1: shield, Pin 2: signal + phase, Pin 3: - phase

## **Weight**

160 g (5.6 oz)

## **Operating temperature range**

-40 °C to 45 °C (-40 °F to 113 °F)

## **Relative humidity**

Up to 90%