



## SPL GOLDMIKE

The GoldMike is a dual-channel, dual-powered microphone preamplifier combining pure solid state and Class A tube stages in the preamplification chain for best-of-both-worlds results.

With the GoldMike preamplification up to 72 dB is possible – a full tube preamp can't begin to reach these values. The tube stage provides a constant, additional gain of +6 dB, so that the tube sound component remains constant regardless of amplification. The familiar sound qualities of tubes are combined with modern demands for high and linear amplification as well as effective common mode rejection.

An enormous dynamic range of 111 dB and quiet operation qualifies the GoldMike as an ideal partner for high-resolution HD recording systems. The fast rise time of tubes ensures an airy and open tonal character.

Two separate Class A mono blocks guarantee perfect channel separation and best spatial definition for stereo recordings—that's why the GoldMike excels even in difficult choral group recordings.

## Features

- Excellent sound optimizing already during recording: The FLAIR function enhances detail, intelligibility, presence and penetration.
- Tube Warm-Up circuitry
- Two illuminated VU meters
- Star point grounding for best signal quality
- Subsonic filter (80 Hz), phase reverse switch, padding at -30 dB
- Selectable 48V phantom power from separately filtered power supply
- Cleanly filtered power supply with huge power reserves: 6000 µF in the main power supply and 400 µF in the tube power supply.
- XLR inputs, XLR and jack outputs, can be used singly or in parallel

## Specifications

Frequency response	10 Hz-100 kHz, 0.5 dB	
Common mode rejection	- 80 dBu @1 kHz -73 dBu @10 kHz	

### Distortion

Input signal	Gain	Distortion
-30 dB	30 dB	0.175%
-60 dB	60 dB	0.2%

### Measured noise

Signal-to-noise ratio	Gain	A-weighted
	72 dBu	62 dBu
	60 dBu	71 dBu
	30 dBu	85.6 dBu

Dynamic range	111 dBu
Noise figure	3.8
E.I.N.	135.4 dBu

### Input specifications

Instrumentation amplifier, electronically balanced (differential), transformerless	
Input impedance	1.8 kOhm
Max. input level	135.4 dBu

### Output specifications

XLR output: Instrumentation amplifier, electronically balanced (differential), transformerless	
Nom. XLR output level	6 dB
Max. XLR output level	25.4 dB
Nom. jack output level	0 dB
Max. jack output level	19.4 dB
Output impedance (XLR/jack)	< 600 Ohm

### Power supply

Toroidal transformer	20 VA
Fuses (230/115 V)	315 mA (230 V/50 Hz) 630 mA (115 V / 60 Hz)
Voltage selection switch 115 V / 230 V, GND lift switch	

### Dimensions

Standard EIA 19" 2U	482 x 88 x 158 mm
Weight	3.05 kg

### Nic Beamso,

#### Audioforum Remark

"... and we remarked a never heard effect: we heard the sound of air passing through vocal passages – more breathy, intimate and more expressive."

### Jörg Küster,

#### Keyboards (D)

"Its lack of noise, the clean, spatial imaging in stereo recordings and a large dynamic range qualify the GoldMike as a congenial partner for the new generation of high-resolution digital recording systems."

### Rob Nikowitsch,

#### Solo (D)

"Yet another extremely interesting unit from SPL. The 'GoldMike' handles all its tasks with authority. Anyone looking for an outstanding sounding microphone/line preamp would be well advised to consider the GoldMike. The 'Flair' circuit can give the signal a certain character right at the outset. This will definitely save many a long night in the studio doing digital reprocessing."

