

# Precision 8i

8-Channel

Precision Microphone Preamplifier with M/S decoder and DI's

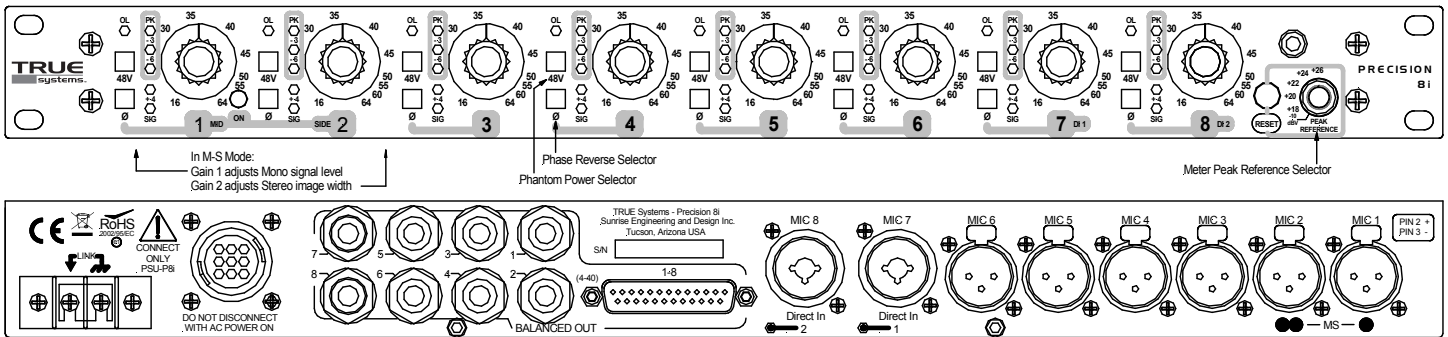


- Ultimate transparent sonic performance for recording and live sound
- Two discrete FET instrument inputs (DI's)
- M/S decoder for creative spatial image control
- Dual output connections (TRS, DB25)
- Switchable phase reverse and phantom power
- 1U with external linear power supply
- *Cost-effective*

The **True Systems Precision 8i** is an 8-channel, analog output, microphone/instrument preamplifier offering all the essential features required by professionals, plus some extras not found on many other products. With up to 64dB of gain, each independent channel provides an electronically balanced mic input, switchable phantom power, phase reverse, a 5-segment LED level meter with signal present and overload indicators, plus a continuously variable gain control. Two discrete FET instrument inputs are provided. Both DB25 and TRS balanced outputs are provided for easy interface to any system, and for splitting applications. The addition of an M/S decoder offers the user a superior tool for this stereo mic technique.

The **True Systems Precision 8i** is different because it uses a combination of discrete components and IC's in a servoed, totally balanced architecture, to achieve extraordinarily musical and transparent performance- yet it's cost effective. The pair of extraordinary **TRUE** DI's offer superior sonic quality comparable only to expensive outboard DI's. And, the array of features provided (M/S decoder, discrete FET DI's, dual output connections) is not available elsewhere in a 1U rackmount.

- Studio Recording
- Location Recording / Live Sound
  - Major improvement in detail and presence over mixing console preamps
  - Direct to DAR
  - Live Sound Split
- Church Sound
- Remote Broadcast Production
  - Sonic performance, compact size, low cost-per-channel



## Specifications:

**Gain (microphone):** +15.5 to +64dB

**Gain (direct input):** -4 to +44dB

**Frequency Response (gain=40 dB):** 1.5 Hz to 500 kHz (+0/-3 dB)

**Maximum Output Level:** +31 dBu

**Maximum Input Level:** +15 dBu

**Input Impedance (microphone):** 5.5 Kohms

**Input Impedance (direct input):** 2.5 Mohms

**Noise (Rs=0 Ohms):** -132 dB e.i.n.

**Slew Rate:** > 40 V/uS

**CMRR (CMV=+10 dBu):** 85 dB

**THD (+26 dBu, 100 kOhm):** .0008%

**Mid-Side Decoding: Selectable.** Channel 1 is mid (mono) signal, Channel 2 is Side (stereo) signal

**Peak Reference Selector:** +26dBu, +24dBu, +22dBu, +20dBu, +18dBu, -10dBV

**Power Requirements:** 100/120/220/240VAC, 50/60 Hz, 44 Watts Max.

**Preamp Enclosure Dimensions:** W=17.5 in. (44.5 cm), D =13.75 in. (35cm), H =1.75 in. (4.5cm)

**Front Panel Extension:** 1 in. (2.5cm), **Panel Width:** 19 in. (48.3cm)

**Weight:** 10.2 lbs. (4.6 Kg)

**Power Supply Unit Dimensions:** 6.63 in. (16.8 cm) W, 6.4 in. (16.3 cm) D, 1.75 in. (4.5cm) H

**Power Supply Unit Rear Extension:** 3 in. (7.6 cm)(strain relief)

**Power Supply Unit Weight:** 5.0 lbs. (2.3Kg)

Typical performance. Specifications subject to change without notice.

Representation by:



PSU-P8i Power Supply



[www.true-systems.com](http://www.true-systems.com)

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