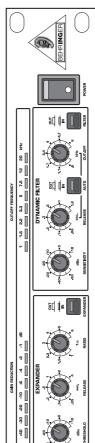
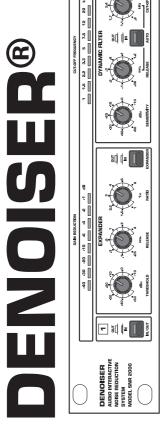
# **SNR2000**



# **Technical Specifications**

Version 1.2 June 2002





# **DENOISER®**

## Professional and all-purpose "single-ended" noise reduction system

▲ TAC (Transient Attack Control) dynamic filters respond accurately to signals with fa	ast attacks
▲ Auto-filter circuitry for automatic sliding filters	
▲ IRC (Interactive Ratio Control) downward expander for inaudible noise reduction duri	ing signal pauses
▲ Accurate "gain reduction" and "cut-off frequency" meters	
▲ Dual mono or true stereo couple function	
▲ Servo-balanced inputs and outputs on XLR and 1/4" TRS connectors	
▲ Relay-controlled hard bypass with auto-bypass function during power failure (failsafe	e relay)
▲ Cut-in delay to avoid switch-on "thumps"	
▲ Ultra low-noise audio operational amplifiers offer outstanding sound performance	
▲ High-quality detented potentiometers and Illuminated switches	
▲ High-performance output transformer BEHRINGER OT-1 retrofitable	
▲ Manufactured under ISO9000 certified management system	

### **SPECIFICATIONS**

**Analog inputs** 

Connectors XLR and 1/4" TRS

Type RF filtered, servo balanced input

Impedance 80 kOhms balanced

Nominal operating level -10 dBV to +4 dBu (switchable)

Max. input level +20 dBu balanced and unbalanced

**Analog outputs** 

Connectors XLR and 1/4" TRS

Type Electronically servo-balanced output stage (optional transformer-balanced)

Impedance 40 Ohms balanced or unbalanced

Max. output level +26 dBm balanced, +20 dBm unbalanced

**System specifications** 

Bandwidth 5 Hz to 100 kHz, +0/-3 dB

Noise > 104 dBu, fully off

THD 0.02% typ. @ +4 dBu, 1 kHz, Gain 1

Crosstalk <-85 dBu

**Expander section** 

Threshold variable (-40 to +20 dBu)
Release variable (0.05 to 6 seconds)

Ratio variable (1:1 to 1:6)

**Filter section** 

Sensitivity variable (-50 to +10 dBu)

Release variable (0.06 to 1.2 seconds)

Cut-off variable (800 Hz to 6 kHz)

**Function switches** 

Channel IN/OUT Relay controlled hard-bypass
Expander IN/OUT Activates the expander section
Filter IN/OUT Activates the filter section

Auto Activates the automatic filter circuitry
Couple Link feature for stereo tracking

**Indicators** 

8 LED gain reduction 1/2/4/6/10/15/20/30 dB 8 LED filter bandwidth 1/1.5/2.2/3.3/5/7.5/12/20 kHz

LED indicator for each function switch

**Power supply** 

Mains voltages USA/Canada 120 V ~, 60 Hz

U.K./Australia 240 V ~, 50 Hz Europe 230 V ~, 50 Hz

General export model 100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz

Fuse 100 - 120 V ~: T 320 mA H

200 - 240 V ~: T 160 mA H

Power consumption 9 Watts

Mains connection Standard IEC receptacle

**Physical** 

Dimensions (H x W x D) 1 3/4" (44.5 mm) x 19" (482.6 mm) x 8 1/2" (217 mm)

Net weight approx. 3 kg Shipping weight approx. 4.2 kg

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

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