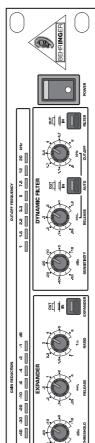
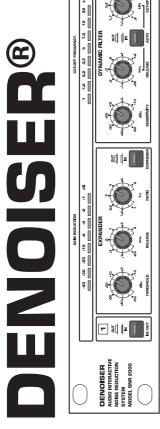
SNR2000



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 dur	ring 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 (failsaf	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.

BEHRINGER and DENOISER are registered trademarks. ALL RIGHTS RESERVED.
© 2002 BEHRINGER Spezielle Studiotechnik GmbH.

BEHRINGER Spezielle Studiotechnik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany Tel. +49 (0) 21 54 / 92 06-0, Fax +49 (0) 21 54 / 92 06-30