

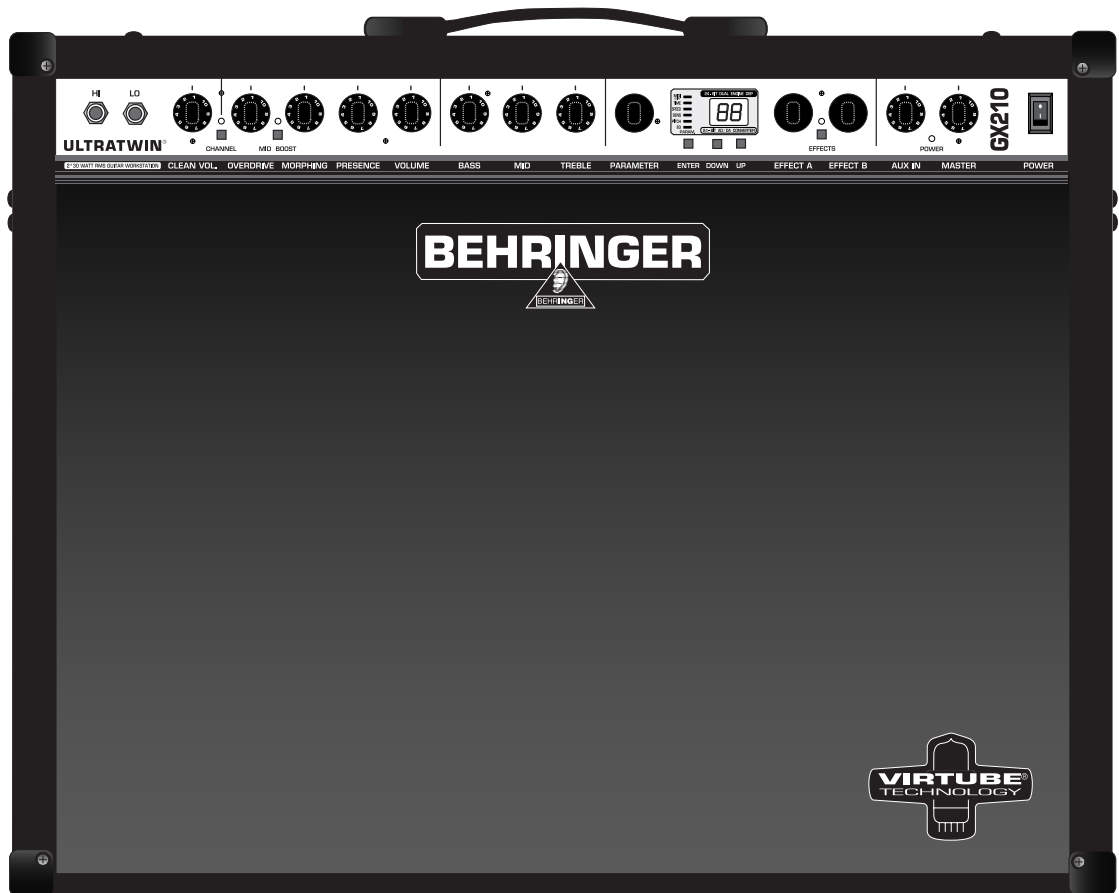
GX210

ULTRATWIN®

Technical Specifications

Version 1.1 August 2000

ENGLISH



www.behringer.com

ULTRATWIN®

Ultra-flexible 2 x 30 Watt Guitar Workstation with Digital Multi-Effects Processor

- ▲ Powerful 2 x 30 Watt RMS Guitar Workstation with authentic VIRTUBE® tube emulation
- ▲ Two original 35 Watt 10" JENSEN vintage guitar speakers model JCH10/35
- ▲ Two independent channels with separate volume controls and effects
- ▲ CLEAN channel delivers clean and slightly distorted tube sounds
- ▲ OVERDRIVE channel offers a broad range, from modern crunch to high-gain sounds
- ▲ Unique Morphing control allows blending between various distortion characteristics
- ▲ Dedicated vintage-type 3-band EQ
- ▲ 24-bit stereo multi-effects processor with ultra-high resolution 24-bit AD/DA converters
- ▲ 31 original VIRTUALIZER®/MODULIZER® presets with world-class effects such as Reverb, Delay, Phaser, Chorus, Flanger, Pitch Shifter, Speaker Simulator, Rotary Speaker, Magic Drive, Compressor, Expander, Wah, Tube Emulator and various effect combinations
- ▲ 99 outstanding and easy-to-edit user presets
- ▲ Quasi-analog operation: three FX parameters per preset can be edited with dedicated controls
- ▲ Adjustable aux and tape input for playback or other line-level signals (e.g. CD player, drum computer, etc.)
- ▲ Frequency-corrected stereo line output for recording and live applications
- ▲ Insert facility for external effects devices (stomp boxes, wah-wah pedals, etc.)
- ▲ Channel select and effect bypass footswitch FS112 included
- ▲ Complete MIDI implementation for channel and effect selection as well as real time control
- ▲ Master volume control and frequency-corrected stereo headphones output
- ▲ Extremely rugged construction ensures long life, even under the most demanding conditions
- ▲ Robust power supply ensures excellent transient response
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUTS

Connector	1/4" mono jack
Type	RF filtered input
Guitar input	
impedance	approx. 1 M Ω unbalanced
Insert return	
impedance	approx. 50 k Ω unbalanced
Aux input	
impedance	approx. 10 k Ω unbalanced
Slave input	
impedance	approx. 20 k Ω unbalanced
Tape input	
connector	RCA
impedance	approx. 10 k Ω unbalanced

AUDIO OUTPUTS

Connector	1/4" mono jack
Type	line level output
Insert send	
impedance	approx. 1 k Ω unbalanced
Line output	
impedance	approx. 100 Ω unbalanced
max. output level	+12 dBu unbalanced
Tape output	
connector	RCA
impedance	approx. 100 Ω unbalanced
max. output level	+12 dBu unbalanced

SYSTEM SPECIFICATIONS (power amplifier)

Power amp output	2 x 30 Watts RMS @ 5 % THD + N into 8 Ω ; 230 V ~
------------------	----------------------------------------------------------

MIDI INTERFACE

Type	5-pin-DIN-socket, MIDI IN
------	---------------------------

DIGITAL PROCESSING

Converters	24-bit sigma-delta, 64/128-times oversampling
Sampling rate	46.875 kHz

DISPLAY

Type	2-digit numeric LED-display
------	-----------------------------

LOUDSPEAKER

Type	2 x 10" heavy duty loudspeaker, model JENSEN JCH10/35
Impedance	8 Ω
Power handling	35 Watts

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
Power consumption	app. 30 Watts min. / approx. 110 Watts max.	
Fuse	100 - 120 V ~ : T 2.5 A H	
	200 - 240 V ~ : T 1.25 A H	
Mains connection	standard IEC receptacle	

PHYSICAL

Dimensions (H * W * D)	app. 17.72" (450 mm) * 23.53" (597.53 mm) * 9.84" (250 mm)
Weight	app. 16.0 kg

The information contained in this sheet is subject to change without notice. No part of this sheet may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording of any kind, for any purpose, without the express written permission of BEHRINGER Spezielle Studiotechnik GmbH.

BEHRINGER, ULTRATWIN, VIRTUBE, VIRTUALIZER and MODULIZER are registered trademarks.

ALL RIGHTS RESERVED. © 2000 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
